

Table of ceasefire violations as of 9 October 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 18:31
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 04:08
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-4km SE	Recorded	1	Projectile	W to E	N/K	9-Oct, 05:59
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-5km SE	Recorded	3	Projectile	NE to SW	N/K	8-Oct, 22:59
	2-4km SE	Recorded	4	Explosion	Undetermined	N/K	8-Oct, 22:59
	3-5km S	Recorded	2	Projectile	W to E	N/K	9-Oct, 02:57
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	18	Muzzle flash		N/K	8-Oct, 18:32
	0.5-1km SSW	Recorded	3	Projectile	W to E	N/K	8-Oct, 18:32
	0.5-1km SSW	Recorded	7	Projectile	NW to SE	N/K	8-Oct, 18:32
	0.5-1km SSE	Recorded	2	Explosion	Impact	N/K	8-Oct, 18:32
	0.5-1km SSE	Recorded	1	Explosion	Impact	N/K	8-Oct, 18:55
	0.5-1km SSW	Recorded	9	Projectile	NW to SE	N/K	8-Oct, 19:01
	3-5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	8-Oct, 19:32
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:47
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:52
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 20:52
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 21:04
	1-2km S	Recorded	4	Explosion	Undetermined	N/K	8-Oct, 21:05
	1-2km S	Recorded	10	Explosion	Undetermined	N/K	8-Oct, 21:13
	1-2km S	Recorded	8	Explosion	Undetermined	N/K	8-Oct, 21:14
	1-2km S	Recorded	6	Explosion	Undetermined	N/K	8-Oct, 21:15
	0.1-1km S	Recorded	11	Explosion	Impact	N/K	8-Oct, 21:16
	1-2km S	Recorded	6	Explosion	Undetermined	N/K	8-Oct, 21:18
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 21:25
	1-2km SW	Recorded	1	Explosion	Impact	N/K	8-Oct, 21:26
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:26
	0.5-1km S	Recorded	7	Explosion	Undetermined	N/K	8-Oct, 21:27
	0.5-1km S	Recorded	2	Projectile	W to E	N/K	8-Oct, 21:27
	0.2-1km S	Recorded	1	Projectile	E to W	N/K	8-Oct, 21:29
0.2-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:29	
0.2-1km S	Recorded	19	Explosion	Undetermined	N/K	8-Oct, 21:36	

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.

0.2-1km S	Recorded	8	Explosion	Undetermined	N/K	8-Oct, 21:37
0.2-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:39
0.2-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:40
0.2-1km SW	Recorded	1	Explosion	Impact	N/K	8-Oct, 21:44
0.5-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:45
0.2-1km S	Recorded	3	Projectile	E to W	N/K	8-Oct, 21:45
0.5-1km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:47
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:47
200-500m S	Recorded	5	Explosion	Undetermined	N/K	8-Oct, 21:49
0.5-1km SSE	Recorded	3	Explosion	Undetermined	N/K	8-Oct, 21:54
0.5-1km SSE	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:55
0.5-1km SSE	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 21:55
100-200m S	Recorded	2	Projectile	W to E	N/K	8-Oct, 21:59
200-800m S	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 22:00
1-2km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:03
1-2km S	Recorded	4	Explosion	Undetermined	N/K	8-Oct, 22:04
1-2km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:07
1-2km S	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 22:08
1-2km S	Recorded	5	Explosion	Undetermined	N/K	8-Oct, 22:08
1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:09
0.5-1km S	Recorded	13	Explosion	Undetermined	N/K	8-Oct, 22:11
0.5-1km SSE	Recorded	2	Projectile	E to W	N/K	8-Oct, 22:12
100-500m S	Recorded	3	Projectile	W to E	N/K	8-Oct, 22:15
1-2km SSW	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 22:16
1-2km S	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 22:17
0.5-2km S	Recorded	11	Explosion	Undetermined	N/K	8-Oct, 22:21
1-2km S	Recorded	8	Explosion	Undetermined	N/K	8-Oct, 22:22
1-2km S	Recorded	1	Projectile	E to W	N/K	8-Oct, 22:26
1-2km S	Recorded	1	Burst	E to W (approximately 15 rounds)	N/K	8-Oct, 22:26
1-2km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:26
1-2km S	Recorded	21	Explosion	Undetermined	N/K	8-Oct, 22:33
0.5-1km S	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 22:33
0.5-1km S	Recorded	1	Projectile	SE to NW	N/K	8-Oct, 22:33
0.5-1km S	Recorded	4	Explosion	Undetermined	N/K	8-Oct, 22:36
100-500m SSW	Recorded	3	Explosion	Undetermined	N/K	8-Oct, 22:40
200-500m S	Recorded	6	Explosion	Undetermined	N/K	8-Oct, 22:41
100-500m S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:42
0.5-1km S	Recorded	2	Muzzle flash		N/K	8-Oct, 22:42
100-500m S	Recorded	7	Explosion	Undetermined	N/K	8-Oct, 22:43
0.5-1km S	Recorded	3	Explosion	Undetermined	N/K	8-Oct, 22:44
0.5-1km SSE	Recorded	1	Projectile	E to W	N/K	8-Oct, 22:50
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 22:59
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 00:16
100-500m S	Recorded	2	Projectile	SW to NE	N/K	9-Oct, 00:50
100-500m S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 03:35

	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 03:36
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 05:26
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 05:31
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	9-Oct, 05:47
	1-2km S	Recorded	4	Projectile	In vertical flight	N/K	9-Oct, 05:52
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	9-Oct, 18:02
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	2-4km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 19:01
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 19:11
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	8-Oct, 19:52
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:01
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:03
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:04
	2-4km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 20:05
	2-4km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 20:07
	2-4km E	Recorded	1	Muzzle flash		N/K	8-Oct, 20:07
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:08
	2-4km E	Recorded	2	Burst	N to S (approximately 50 rounds)	N/K	8-Oct, 20:08
	2-4km E	Recorded	3	Projectile	N to S	N/K	8-Oct, 20:10
	2-4km E	Recorded	1	Burst	S to N (approximately 20 rounds)	N/K	8-Oct, 20:10
	2-4km E	Recorded	6	Projectile	S to N	N/K	8-Oct, 20:12
	2-4km E	Recorded	5	Projectile	S to N	N/K	8-Oct, 20:13
	2-4km ENE	Recorded	5	Projectile	N to S	N/K	8-Oct, 20:14
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:14
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 20:15
	2-4km E	Recorded	7	Projectile	N to S	N/K	8-Oct, 20:16
	2-4km E	Recorded	18	Projectile	S to N	N/K	8-Oct, 20:17
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:17
	2-4km E	Recorded	1	Burst	S to N (approximately 10 rounds)	N/K	8-Oct, 20:17
	2-4km E	Recorded	21	Projectile	S to N	N/K	8-Oct, 20:18
	2-4km E	Recorded	1	Projectile	N to S	N/K	8-Oct, 20:19
	2-4km E	Recorded	13	Projectile	S to N	N/K	8-Oct, 20:20
	2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 20:21
	2-4km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 20:21
	2-4km E	Recorded	4	Explosion	Undetermined	N/K	8-Oct, 20:21
	2-4km ENE	Recorded	10	Projectile	N to S	N/K	8-Oct, 20:22
	2-4km E	Recorded	14	Projectile	S to N	N/K	8-Oct, 20:22
	2-4km ENE	Recorded	9	Projectile	N to S	N/K	8-Oct, 20:26
	2-4km ENE	Recorded	13	Projectile	NW to SE	N/K	8-Oct, 20:27
	2-4km E	Recorded	3	Muzzle flash		N/K	8-Oct, 21:31
2-4km E	Recorded	1	Burst	N to S (approximately 10 rounds)	N/K	8-Oct, 21:31	
2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 21:31	
2-4km E	Recorded	5	Projectile	N to S	N/K	8-Oct, 21:32	
2-4km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 21:32	
2-4km E	Recorded	1	Burst	S to N (approximately 5 rounds)	N/K	8-Oct, 21:32	

2-4km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 21:34
2-4km E	Recorded	8	Projectile	S to N	N/K	8-Oct, 21:40
2-4km E	Recorded	1	Projectile	N to S	N/K	8-Oct, 21:40
2-4km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 21:41
2-4km E	Recorded	1	Burst	N to S (approximately 15 rounds)	N/K	8-Oct, 21:41
2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:41
2-4km E	Recorded	4	Projectile	S to N	N/K	8-Oct, 21:42
2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 21:52
2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 21:53
2-4km E	Recorded	1	Burst	N to S (approximately 10 rounds)	N/K	8-Oct, 21:53
2-4km ESE	Recorded	2	Projectile	S to N	N/K	8-Oct, 22:11
2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 22:57
2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 22:59
2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 23:01
2-4km E	Recorded	4	Projectile	S to N	N/K	8-Oct, 23:05
2-4km E	Recorded	1	Burst	S to N (approximately 15 rounds)	N/K	8-Oct, 23:05
2-4km E	Recorded	1	Projectile	N to S	N/K	8-Oct, 23:10
2-4km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 23:10
2-4km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 23:11
2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 23:13
2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 23:14
2-4km ESE	Recorded	3	Projectile	S to N	N/K	8-Oct, 23:20
2-4km E	Recorded	4	Projectile	N to S	N/K	9-Oct, 00:29
2-4km E	Recorded	5	Projectile	S to N	N/K	9-Oct, 00:36
2-4km E	Recorded	2	Projectile	S to N	N/K	9-Oct, 00:54
2-4km E	Recorded	1	Burst	S to N (approximately 10 rounds)	N/K	9-Oct, 01:03
2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 01:31
2-4km E	Recorded	1	Muzzle flash		N/K	9-Oct, 01:31
2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 01:31
2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 01:38
2-4km E	Recorded	4	Projectile	S to N	N/K	9-Oct, 01:38
2-4km ENE	Recorded	5	Projectile	N to S	N/K	9-Oct, 01:39
2-4km ENE	Recorded	2	Projectile	S to N	N/K	9-Oct, 01:39
2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 02:06
2-4km ENE	Recorded	12	Projectile	N to S	N/K	9-Oct, 02:17
2-4km ENE	Recorded	1	Projectile	N to S	N/K	9-Oct, 02:23
2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 02:23
2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 02:24
2-4km ESE	Recorded	1	Projectile	S to N	N/K	9-Oct, 02:50
2-4km ENE	Recorded	6	Projectile	N to S	N/K	9-Oct, 03:16
2-4km E	Recorded	3	Projectile	N to S	N/K	9-Oct, 03:17
2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 03:17
2-4km E	Recorded	3	Projectile	S to N	N/K	9-Oct, 03:34
2-4km ENE	Recorded	4	Projectile	N to S	N/K	9-Oct, 03:35
2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 03:44
2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 03:47

	2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 03:48
	2-4km E	Recorded	2	Projectile	N to S	N/K	9-Oct, 03:49
	2-4km E	Recorded	4	Projectile	S to N	N/K	9-Oct, 03:50
	2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 03:51
	2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 03:54
	2-4km E	Recorded	2	Projectile	N to S	N/K	9-Oct, 03:59
	2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 03:59
	2-4km ENE	Recorded	8	Projectile	N to S	N/K	9-Oct, 04:09
	2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 04:10
	2-4km E	Recorded	1	Burst	S to N (approximately 10 rounds)	N/K	9-Oct, 04:12
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 04:15
	2-4km E	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 04:16
	2-4km E	Recorded	7	Projectile	S to N	N/K	9-Oct, 04:20
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	9-Oct, 04:37
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 04:40
	2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 04:56
	2-4km E	Recorded	2	Projectile	S to N	N/K	9-Oct, 05:08
	2-4km E	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 05:08
	2-4km E	Recorded	17	Projectile	S to N	N/K	9-Oct, 05:14
	2-4km E	Recorded	3	Projectile	N to S	N/K	9-Oct, 05:16
	2-4km E	Recorded	5	Projectile	N to S	N/K	9-Oct, 05:21
	2-4km E	Recorded	1	Burst	N to S (approximately 10 rounds)	N/K	9-Oct, 05:21
	2-4km E	Recorded	4	Projectile	N to S	N/K	9-Oct, 05:22
	2-4km E	Recorded	5	Projectile	N to S	N/K	9-Oct, 05:45
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 05:45
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km S	Recorded	1	Explosion	Airburst	N/K	8-Oct, 19:30
	2-4km S	Recorded	14	Explosion	Airburst	N/K	8-Oct, 19:31
	2-4km S	Recorded	2	Explosion	Airburst	N/K	8-Oct, 19:32
	1-3km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 03:28
	1-3km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 03:30
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	1	Explosion	Impact	N/K	8-Oct, 17:02
	2-4km SSW	Recorded	1	Explosion	Impact	N/K	8-Oct, 17:02
	3-5km SSW	Recorded	2	Explosion	Impact	N/K	8-Oct, 17:26
	2-4km SW	Recorded	9	Projectile	ESE to WNW	N/K	8-Oct, 18:48
	2-4km SW	Recorded	1	Projectile	ESE to WNW	N/K	8-Oct, 18:52
	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	8-Oct, 19:09
	2-4km SW	Recorded	1	Explosion	Impact	N/K	8-Oct, 19:24
	2-4km SSW	Recorded	6	Projectile	WNW to ESE	N/K	8-Oct, 19:38
	2-4km SW	Recorded	4	Projectile	ESE to WNW	N/K	8-Oct, 19:38
	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	8-Oct, 19:49
	2-4km S	Recorded	5	Projectile	WNW to ESE	N/K	8-Oct, 19:53
	2-4km SW	Recorded	5	Projectile	WNW to ESE	N/K	8-Oct, 19:53
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:53
	2-4km SSW	Recorded	7	Projectile	WNW to ESE	N/K	8-Oct, 19:54
	2-4km	Recorded	23	Projectile	WNW to ESE	N/K	8-Oct, 19:55

	SSW						
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:55
	4-5km SW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 20:17
	4-5km SW	Recorded	9	Projectile	In vertical flight.	N/K	8-Oct, 20:17
	4-5km SSW	Recorded	3	Projectile	NW to SE	N/K	8-Oct, 21:00
	2-4km SW	Recorded	1	Explosion	Impact	N/K	9-Oct, 16:37
	2-4km SW	Recorded	2	Explosion	Impact	N/K	9-Oct, 16:41
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	3	Explosion	Undetermined	N/K	8-Oct, 18:43
	2-4km NE	Recorded	1	Projectile	SE to NW	N/K	8-Oct, 18:45
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 18:45
	2-4km ENE	Recorded	11	Projectile	SE to NW	N/K	8-Oct, 18:46
	3-5km ENE	Recorded	1	Explosion	Airburst	N/K	8-Oct, 21:13
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight, also recorded by the Pyshevyk camera	N/K	8-Oct, 21:33
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 23:01
	3-5km NE	Recorded	5	Explosion	Undetermined	N/K	9-Oct, 04:44
	3-5km NE	Recorded	13	Explosion	Undetermined	N/K	9-Oct, 04:45
	1-3km NE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 04:48
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 20:55
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 20:56
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 20:56
	3-5km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 20:58
	3-5km E	Recorded	2	Projectile	S to N	N/K	8-Oct, 20:59
	3-5km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 21:00
	3-5km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 21:01
	3-5km E	Recorded	3	Projectile	S to N	N/K	8-Oct, 21:02
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:07
	3-5km E	Recorded	4	Projectile	N to S	N/K	8-Oct, 21:08
	3-5km ESE	Recorded	1	Explosion	Impact	N/K	8-Oct, 22:20
	3-5km E	Recorded	1	Burst	In vertical flight (approximately 10 rounds)	N/K	8-Oct, 22:27
	3-5km E	Recorded	16	Explosion	Airburst	N/K	8-Oct, 22:27
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km NNE	Recorded	4	Projectile	SE to NW	N/K	8-Oct, 18:55
	1-2km NNE	Recorded	4	Projectile	SE to NW	N/K	8-Oct, 18:56
	1-2km NNE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 18:57
	1-2km NNE	Recorded	1	Projectile	In vertical flight	N/K	8-Oct, 18:59
	1-2km NNE	Recorded	2	Explosion	Airburst	N/K	8-Oct, 18:59
	1-2km NNE	Recorded	5	Projectile	W to E	N/K	8-Oct, 18:59
	1-2km NNE	Recorded	5	Projectile	W to E	N/K	8-Oct, 19:00
	1-2km NNE	Recorded	2	Projectile	E to W	N/K	8-Oct, 19:00
	1-2km N	Recorded	2	Projectile	W to E	N/K	8-Oct, 22:51
	1-2km N	Recorded	6	Projectile	W to E	N/K	8-Oct, 22:53
	1-2km NNE	Recorded	2	Projectile	W to E	N/K	8-Oct, 22:53

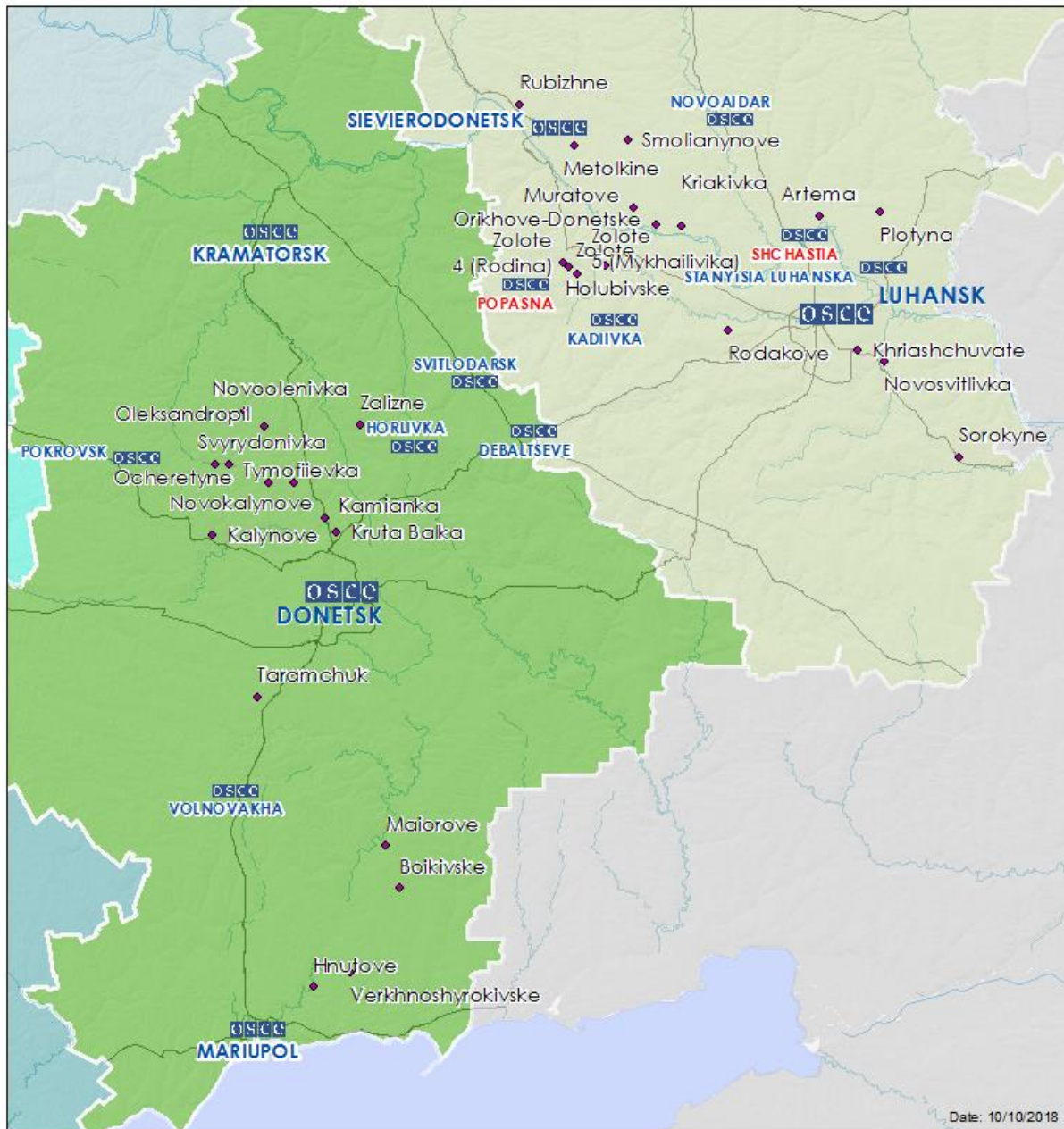
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 18:34
	2-4km SSE	Recorded	16	Projectile	E to W	N/K	8-Oct, 18:41
	2-4km SSE	Recorded	16	Explosion	Airburst	N/K	8-Oct, 18:41
	2-4km SSE	Recorded	15	Explosion	Airburst	N/K	8-Oct, 18:42
	2-4km SSE	Recorded	8	Projectile	In vertical flight	N/K	8-Oct, 19:01
	2-4km SSE	Recorded	2	Explosion	Airburst	N/K	8-Oct, 19:01
	2-4km SSE	Recorded	1	Burst	In vertical flight (approximately 18 rounds)	N/K	8-Oct, 19:02
	2-4km SSE	Recorded	1	Burst	In vertical flight (approximately 12 rounds)	N/K	8-Oct, 19:02
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:27
	2-3km SSE	Recorded	1	Projectile	E to W	N/K	8-Oct, 19:46
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Oct, 20:23
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Oct, 20:52
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Oct, 21:19
	2-4km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:25
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	8-Oct, 21:31
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	8-Oct, 21:32
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:32
	2-4km S	Recorded	1	Illumination flare	In vertical flight, also recorded by the Lomakyne camera	N/K	8-Oct, 21:33
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	8-Oct, 22:18
	2-4km SSE	Recorded	8	Projectile	W to E	N/K	9-Oct, 00:44
	2-4km S	Recorded	3	Projectile	E to W	N/K	9-Oct, 02:35
	2-4km S	Recorded	1	Muzzle flash		N/K	9-Oct, 03:50
	2-4km S	Recorded	1	Projectile	E to W	N/K	9-Oct, 03:50
	2-4km S	Recorded	2	Projectile	E to W	N/K	9-Oct, 04:06
	2-4km S	Recorded	1	Projectile	E to W	N/K	9-Oct, 04:35
	2-4km S	Recorded	2	Muzzle flash		N/K	9-Oct, 04:35
	2-4km S	Recorded	3	Projectile	W to E	N/K	9-Oct, 04:43
	2-4km S	Recorded	15	Projectile	W to E	N/K	9-Oct, 04:44
	2-4km S	Recorded	1	Muzzle flash		N/K	9-Oct, 04:44
	2-4km S	Recorded	13	Projectile	W to E	N/K	9-Oct, 04:45
2-4km S	Recorded	2	Muzzle flash		N/K	9-Oct, 04:45	
2-4km S	Recorded	5	Projectile	W to E	N/K	9-Oct, 05:22	
2-4km S	Recorded	1	Muzzle flash		N/K	9-Oct, 05:22	
2-4km S	Recorded	1	Projectile	W to E	N/K	9-Oct, 05:23	
2-4km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 05:24	
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 18:44
2.6 km SW of Avdiivka (government-controlled,	1-2km S	Heard and saw	2	Explosion	Outgoing (shockwaves felt)	Artillery (type N/K)	9-Oct, 08:56
	1-2km S	Heard	1	Explosion	Outgoing	Artillery (type	9-Oct, 09:03

17km N of Donetsk)						N/K)	
	1-2km S	Heard	1	Explosion	Outgoing	Artillery (type N/K)	9-Oct, 09:12
2.4 km SSW of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	9-Oct, 09:21
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 09:43
	2-3km S	Heard	1	Explosion	Undetermined	N/K	9-Oct, 10:23
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	explosion	Undetermined	N/K	9-Oct, 09:06
	2-3km SW	Heard and saw	1	Explosion	Undetermined	N/K	9-Oct, 10:10
	1-2km SW	Heard	3	Burst		HMG	9-Oct, 09:16
	2-3km SW	Heard and saw	1	Explosion	Undetermined	N/K	9-Oct, 10:20
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 10:55
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 10:57
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 11:15
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 14:30
1.9km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	4km NNW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 14:12
Trudivski area of Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	4-5km SW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 11:30
3.8km NW of Vuhlehirsk(non-government-controlled, 49km NE of Donetsk)	5-6km NE	Heard	4	Explosion	Undetermined	N/K	9-Oct, 11:38
	5-6km NE	Heard		Burst	Uncountable	HMG	9-Oct, 11:42
	5-6km NE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 11:43
	5-6km NE	Heard	4	Burst		HMG	9-Oct, 11:43
	5-6km NE	Heard	3	Explosion	Undetermined	N/K	9-Oct, 11:44
	5-6km NE	Heard	3	Burst		HMG	9-Oct, 11:45
	5-6km NE	Heard	3	Explosion	Undetermined	N/K	9-Oct, 11:45
	5-6km NE	Heard	1	Burst		HMG	9-Oct, 11:46
1km NNW of entry-exit checkpoint Pyshchevyk (government controlled, 25 km NE of Mariupol)	N/K NE	Heard	1	Shot	Undetermined	Small arms	9-Oct, 09:53
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 10:10
	N/K E	Heard	13	Shot	Undetermined	Small arms	9-Oct, 11:32-11:44
	N/K NNE	Heard	3	Explosion	Undetermined	N/K	9-Oct, 14:32-14:37
	N/K NNE	Heard	5	Burst	Undetermined	HMG	9-Oct, 14:32-14:37
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard	7	Explosion	Undetermined	N/K	8-Oct, 18:32-18:38
	4-6km SE	Heard	14	Explosion	Undetermined	N/K	8-Oct, 18:42-18:48
	4-6km SE	Heard	26	Burst		HMG	8-Oct, 18:43-18:50
	4-6km SE	Heard	12	Explosion	Undetermined	N/K	8-Oct, 18:50-18:55

	4-6km SE	Heard	15	Burst		HMG	8-Oct, 18:51-18:56
	4-6km SE	Heard	5	Explosion	Undetermined	N/K	8-Oct, 18:58-19:02
	4-6km SE	Heard	18	Burst		HMG	8-Oct, 18:58-19:04
	4-6km SE	Heard	8	Explosion	Undetermined	N/K	8-Oct, 19:18-19:21
	4-6km SE	Heard	5	Explosion	Undetermined	N/K	8-Oct, 19:30-19:32
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	8-Oct, 19:44
	5-7km WSW	Heard	6	Explosion	Undetermined	N/K	8-Oct, 21:15-21:17
	5-7km WSW	Heard	5	Explosion	Undetermined	N/K	8-Oct, 21:29-21:30
	5-7km WSW	Heard	2	Explosion	Undetermined	N/K	8-Oct, 21:33
	4-6km SE	Heard	25	Burst		HMG	8-Oct, 23:53-23:56
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	8-Oct, 23:58
	4-6km SE	Heard	6	Explosion	Undetermined	N/K	9-Oct, 07:54
	2-3km SE	Heard	15	Burst		Small arms	9-Oct, 07:58-08:00
	4-6km W	Heard	10	Explosion	Undetermined	N/K	9-Oct, 08:06
	4-6km W	Heard	5	Explosion	Undetermined	N/K	9-Oct, 08:10-08:12
	4-6km W	Heard	10	Burst		HMG	9-Oct, 08:44-08:46
	4-6km W	Heard	5	Explosion	Undetermined	N/K	9-Oct, 09:00
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 13:20
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km W	Heard	1	Explosion	Undetermined	N/K	8-Oct, 20:17
	4-6km WSW	Heard	3	Burst		HMG	8-Oct, 20:25
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	1-2km NW	Heard	1	Burst		HMG	9-Oct, 14:42
	1-2km NW	Heard	7	Shot		Small arms	9-Oct, 14:44
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km S	Heard	2	Explosion	Undetermined	N/K	9-Oct, 08:57
	2-3km S	Heard	2	Burst		Small arms	9-Oct, 09:00
	1-2km S	Heard	2	Explosion	Undetermined	N/K	9-Oct, 09:10
	1-2km S	Heard	2	Burst		Small arms	9-Oct, 09:12
	1-2km S	Heard	2	Burst		Small arms	9-Oct, 09:50
	1-2km S	Heard	2	Explosion	Undetermined	N/K	9-Oct, 10:00
	0.5km SE	Heard	32	Burst		Small arms	9-Oct, 10:05
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 10:23
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 11:18
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 12:35
	2-3km E	Heard	1	Shot		Small arms	9-Oct, 13:15
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	3-4km SSE	Heard	35	Explosion	Undetermined	N/K	9-Oct, 10:30-10:35
	3-4km SE	Heard	50	Burst		HMG	9-Oct, 10:36-10:38
	2-3km NW	Heard	6	Explosion	Undetermined	N/K	9-Oct, 14:46
N outskirts of Nyzhnie (government-controlled, 56km NW of Luhansk)	7km ESE	Heard	13	Explosion	Undetermined	Mortar (120mm)	9-Oct, 10:16-10:55
	7km ESE	Heard	16	Shot		30mm cannon	9-Oct, 10:16-10:55
	7km ESE	Heard	10	Burst		HMG	9-Oct, 10:16-10:55

E outskirts of Holubivske (non-government controlled, 51km W of Luhansk)	1-2km N	Heard	7	Explosion	Undetermined	Mortar (120mm)	9-Oct, 10:39-10:46
Holubivske (non-government-controlled, 51km W of Luhansk)	2km NE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 11:06-11:14
	2km NE	Heard	3	Burst		Small arms	9-Oct, 11:06-11:14
1.3km N of Zolote-5/Mykhailivka (non-government-controlled, 58km NW of Luhansk)	5-7km NW	Heard	22	Explosion	Undetermined	N/K	9-Oct, 13:47-13:56

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).