

**Table of ceasefire violations as of 18 October 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1km ESE	Heard	11	Burst		HMG	18-Oct, 09:20-09:26
	1km ESE	Heard	2	Explosion	Undetermined	N/K	18-Oct, 09:20-09:26
1.3km NE of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	2km N	Heard	5	Shot		Small arms	18-Oct, 15:23
	2km N	Heard	2	Shot		Small arms	18-Oct, 15:26
3.6km SE of Marinka (government-controlled, 23km SW of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:54
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:54
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SW	Heard	3	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	18-Oct, 09:53
	1-2km SW	Heard	4	Burst	Unable to assess whether inside or outside disengagement area	Small arms	18-Oct, 09:53
1.1km NW of Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	30	Burst		Small arms	18-Oct, 12:01
1.1km NW of Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	18-Oct, 12:01
	2-3km SW	Heard	5	Shot		Small arms	18-Oct, 12:01
	3-4km SW	Heard	12	Explosion	Undetermined	N/K	18-Oct, 12:05-12:07

<sup>1</sup> 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.

1km NNW of the entry-exit checkpoint in Pyshevyk (government controlled, 25km NE of Mariupol)	3-4km SSW	Heard	3	Explosion	Undetermined	N/K	18-Oct, 14:00
	2-3km E	Heard	1	Explosion	Undetermined	N/K	18-Oct, 14:24-14:25
	1-2km NNE	Heard	3	Shot	Undetermined	Small arms	18-Oct, 14:24-14:25
	1-2km NNE	Heard	8	Burst	Undetermined	Small arms	18-Oct, 15:01-15:07
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 15:30
	1-2km NNE	Heard	1	Burst	Undetermined	Small arms	18-Oct, 15:58
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SW	Heard	7	Burst		HMG	17-Oct, 19:31-19:32
	3-4km SW	Heard	9	Burst		HMG	17-Oct, 20:12-20:13
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 21:51
	3-4km SSE	Heard	5	Burst		HMG	17-Oct, 23:04
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 23:05
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	18-Oct, 09:23
	3-4km SE	Heard	10	Burst		HMG	18-Oct, 10:40-10:45
	3-4km SE	Heard	120	Burst		HMG	18-Oct, 14:40-14:55
	3-4km SE	Heard	11	Explosion	Undetermined	N/K	18-Oct, 14:56-14:58
	3-4km SE	Heard	20	Explosion	Undetermined	N/K	18-Oct, 14:58-15:04
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	18-Oct, 16:12
3-4km SE	Heard	5	Burst		HMG	18-Oct, 17:23	
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km W	Heard	1	Explosion	Undetermined	N/K	17-Oct, 19:25
	5-8km WSW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 19:50
	5-8km WSW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 20:05
	5-8km WSW	Heard	2	Explosion	Undetermined	N/K	17-Oct, 20:10
	5-8km W	Heard	1	Explosion	Undetermined	N/K	17-Oct, 20:20
	2-3km SSE	Heard	6	Explosion	Undetermined	N/K	18-Oct, 10:15-10:20
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	4-5km N	Heard	2	Explosion	Undetermined	N/K	18-Oct, 09:07
	10-12km SE	Heard	3	Explosion	Undetermined	N/K	18-Oct, 10:33
	4-5km N	Heard	2	Explosion	Undetermined	N/K	18-Oct, 09:07
2km WSW of Zalizne (government-controlled, 42km north-east of Donetsk)	4-5km E	Heard	6	Explosion	Undetermined	N/K	18-Oct, 09:01
	4-5km NE	Heard	4	Explosion	Undetermined	N/K	18-Oct, 09:05
	4-5km NE	Heard	24	Explosion	Undetermined	N/K	18-Oct, 09:25-09:31
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:13
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:26
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:32
	2km SE	Heard	2	Burst		HMG	18-Oct, 10:42
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:58
1.6km SSE of Kamianka (government-	1-2km E	Heard	4	Burst		Small arms	18-Oct, 09:20
	1km NE	Heard	1	Shot		Small	18-Oct, 12:35

controlled, 20km N of Donetsk)	1-2km NE	Heard	3	Burst		arms Small arms	18-Oct, 12:40
	1-2km NE	Heard	1	Burst		Small arms	18-Oct, 13:20
S edge of Betmanove (non- government controlled, 23km north- east of Donetsk)	4-5km W	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:07
	5-6km NW	Heard	2	Explosion	Undetermined	N/K	18-Oct, 10:15
	5-6km NW	Heard	5	Explosion	Undetermined	N/K	18-Oct, 10:21- 10:25
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	18-Oct, 10:38
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)	3-5km ESE	Recorded	3	Projectile	NNW to SSE	N/K	17-Oct, 18:18
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:20
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	18-Oct, 18:19
	3-5km ESE	Recorded	7	Explosion	Undetermined	N/K	18-Oct, 18:20
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	18-Oct, 18:20
	3-5km ESE	Recorded	6	Explosion	Undetermined	N/K	18-Oct, 18:21
	3-5km ESE	Recorded	15	Explosion	Undetermined	N/K	18-Oct, 18:22
	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	18-Oct, 18:23
SMM camera in Berezove (government- controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	18-Oct, 02:49
SMM camera in Chermalyk (government- controlled, 31km NE of Mariupol)	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	17-Oct, 19:15
	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	17-Oct, 19:18
	2-4km SE	Recorded	10	Projectile	SW to NE	N/K	17-Oct, 19:59
	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	17-Oct, 20:00
	2-4km S	Recorded	2	Projectile	SW to NE	N/K	17-Oct, 21:50
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	17-Oct, 22:00
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 22:00
	2-4km SSE	Recorded	8	Projectile	WSW to ENE	N/K	18-Oct, 00:44
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	18-Oct, 00:59
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	18-Oct, 01:08
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	18-Oct, 01:18
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	18-Oct, 01:48
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	18-Oct, 01:55
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 18:22
	3-5km S	Recorded	3	Explosion	Undetermined	N/K	18-Oct, 18:25
3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 18:25	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	17-Oct, 19:53
	1-2km SSE	Recorded	2	Projectile	E to W	N/K	17-Oct, 20:28
	1-2km SSE	Recorded	1	Muzzle flash		N/K	17-Oct, 20:31
	1-2km	Recorded	1	Projectile	E to W	N/K	17-Oct, 20:32

	SSE						
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	17-Oct, 20:35
	1-2km S	Recorded	2	Projectile	W to E	N/K	17-Oct, 20:44
	1-2km S	Recorded	3	Explosion	Impact	N/K	17-Oct, 20:44
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 20:47
	1-2km SSW	Recorded	6	Muzzle flash	E to W	N/K	17-Oct, 20:57
	1-2km SSW	Recorded	6	Projectile	E to W	N/K	17-Oct, 21:00
	1-2km SSW	Recorded	1	Explosion	Impact	N/K	17-Oct, 21:00
	1-2km SSW	Recorded	17	Muzzle flash		N/K	17-Oct, 21:00
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	17-Oct, 21:07
	2-4km SSW	Recorded	5	Projectile	W to E	N/K	18-Oct, 04:37
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 04:42
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 05:23
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 05:41
	1-2km S	Recorded	4	Projectile	NNW to SSE	N/K	18-Oct, 18:20
	1-2km	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 18:20
	1-2km S	Recorded	4	Projectile	NNW to SSE	N/K	18-Oct, 18:21
	1-2km	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 18:21
	1-2km S	Recorded	4	Projectile	W to E	N/K	18-Oct, 18:21
	1-2km S	Recorded	4	Explosion	W to E (undetermined)	N/K	18-Oct, 18:22
	1-2km	Recorded	9	Projectile	W to E	N/K	18-Oct, 18:22
	1-2km	Recorded	2	Burst	W to E	N/K	18-Oct, 18:22
	1-2km SSW	Recorded	3	Projectile	N to S	N/K	18-Oct, 18:23
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	18-Oct, 18:23
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	2-4km ENE	Recorded	6	Projectile	N to S	N/K	17-Oct, 19:02
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	17-Oct, 19:03
	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	17-Oct, 19:03
	2-4km E	Recorded	3	Projectile	S to N	N/K	17-Oct, 19:05
	2-4km ENE	Recorded	7	Projectile	N to S	N/K	17-Oct, 19:05
	2-4km E	Recorded	2	Projectile	N to S	N/K	17-Oct, 19:06
	2-4km ENE	Recorded	5	Projectile	N to S	N/K	17-Oct, 19:08
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	17-Oct, 19:09
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	17-Oct, 19:10
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	17-Oct, 19:12
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	17-Oct, 19:13
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	17-Oct, 19:15
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	17-Oct, 19:16
	2-4km ENE	Recorded	9	Projectile	N to S	N/K	17-Oct, 19:19
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	17-Oct, 19:20
	2-4km	Recorded	1	Projectile	N to S	N/K	17-Oct, 19:21

ENE						
2-4km ENE	Recorded	2	Projectile	N to S	N/K	17-Oct, 19:42
2-4km E	Recorded	1	Projectile	N to S	N/K	17-Oct, 19:55
2-4km E	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 19:55
2-4km E	Recorded	2	Projectile	NW to SE	N/K	17-Oct, 20:01
2-4km E	Recorded	1	Projectile	N to S	N/K	17-Oct, 20:05
2-4km E	Recorded	1	Muzzle flash		N/K	17-Oct, 20:05
2-4km ESE	Recorded	4	Projectile	NW to SE	N/K	17-Oct, 20:09
2-4km E	Recorded	1	Muzzle flash		N/K	17-Oct, 20:19
2-4km E	Recorded	1	Projectile	N to S	N/K	17-Oct, 20:19
2-4km E	Recorded	1	Projectile	In vertical flight	N/K	17-Oct, 20:19
2-4km E	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 20:36
2-4km E	Recorded	2	Projectile	N to S	N/K	17-Oct, 20:42
2-4km E	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 20:42
2-4km E	Recorded	8	Projectile	N to S	N/K	17-Oct, 20:43
2-4km E	Recorded	1	Projectile	In vertical flight	N/K	17-Oct, 20:43
2-4km ESE	Recorded	5	Projectile	SW to NE	N/K	17-Oct, 20:56
2-4km ENE	Recorded	9	Projectile	NW to SE	N/K	17-Oct, 21:01
2-4km E	Recorded	1	Projectile	In vertical flight	N/K	17-Oct, 22:01
2-4km ENE	Recorded	1	Projectile	S to N	N/K	17-Oct, 22:36
2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	17-Oct, 23:58
2-4km ESE	Recorded	1	Projectile	S to N	N/K	17-Oct, 23:59
2-4km ESE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 00:00
2-4km ESE	Recorded	2	Projectile	In vertical flight	N/K	18-Oct, 00:00
2-4km ESE	Recorded	4	Projectile	S to N	N/K	18-Oct, 00:02
2-4km ESE	Recorded	2	Projectile	S to N	N/K	18-Oct, 00:03
2-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 00:05
2-4km ESE	Recorded	4	Projectile	SW to NE	N/K	18-Oct, 00:06
2-4km ESE	Recorded	2	Projectile	In vertical flight	N/K	18-Oct, 00:06
2-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 00:09
2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	18-Oct, 00:10
2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	18-Oct, 00:11
2-4km E	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 00:15
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 00:24
2-4km E	Recorded	3	Projectile	S to N	N/K	18-Oct, 00:30
2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 00:45
2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 01:19
2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	18-Oct, 01:20
2-4km ESE	Recorded	1	Muzzle flash		N/K	18-Oct, 01:20
2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	18-Oct, 01:21

2-4km ESE	Recorded	11	Projectile	S to N	N/K	18-Oct, 01:26
2-4km ESE	Recorded	12	Projectile	S to N	N/K	18-Oct, 01:27
2-4km ESE	Recorded	2	Projectile	S to N	N/K	18-Oct, 01:28
2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	18-Oct, 01:28
2-4km ESE	Recorded	6	Projectile	S to N	N/K	18-Oct, 01:32
2-4km ESE	Recorded	1	Muzzle flash		N/K	18-Oct, 01:32
2-4km ESE	Recorded	8	Projectile	S to N	N/K	18-Oct, 01:33
2-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 01:34
2-4km ESE	Recorded	2	Muzzle flash		N/K	18-Oct, 01:34
2-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 01:45
2-4km E	Recorded	13	Projectile	S to N	N/K	18-Oct, 01:49
2-4km ENE	Recorded	1	Projectile	N to S	N/K	18-Oct, 02:02
2-4km ENE	Recorded	6	Projectile	N to S	N/K	18-Oct, 02:09
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 02:22
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 02:34
2-4km ESE	Recorded	2	Projectile	N to S	N/K	18-Oct, 03:09
2-4km ENE	Recorded	10	Projectile	NW to SE	N/K	18-Oct, 03:13
2-4km ENE	Recorded	4	Projectile	N to S	N/K	18-Oct, 03:23
2-4km E	Recorded	11	Projectile	N to S	N/K	18-Oct, 03:26
2-4km E	Recorded	6	Projectile	N to S	N/K	18-Oct, 03:27
2-4km E	Recorded	4	Projectile	S to N	N/K	18-Oct, 03:30
2-4km ENE	Recorded	6	Projectile	N to S	N/K	18-Oct, 03:31
2-4km ENE	Recorded	5	Projectile	S to N	N/K	18-Oct, 03:34
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 03:35
2-4km E	Recorded	4	Projectile	N to S	N/K	18-Oct, 03:39
2-4km E	Recorded	1	Projectile	S to N	N/K	18-Oct, 03:49
2-4km ENE	Recorded	1	Projectile	S to N	N/K	18-Oct, 04:03
2-4km ENE	Recorded	3	Projectile	N to S	N/K	18-Oct, 04:04
2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 04:04
2-4km ENE	Recorded	1	Projectile	N to S	N/K	18-Oct, 04:09
2-4km ENE	Recorded	7	Projectile	S to N	N/K	18-Oct, 04:09
2-4km ESE	Recorded	4	Projectile	S to N	N/K	18-Oct, 04:09
2-4km ENE	Recorded	2	Projectile	N to S	N/K	18-Oct, 04:10
2-4km ENE	Recorded	1	Projectile	N to S	N/K	18-Oct, 04:19
2-4km ENE	Recorded	3	Projectile	N to S	N/K	18-Oct, 04:20
2-4km ENE	Recorded	2	Projectile	N to S	N/K	18-Oct, 04:27
2-4km ENE	Recorded	1	Projectile	S to N	N/K	18-Oct, 04:29

	2-4km ESE	Recorded	5	Projectile	S to N	N/K	18-Oct, 04:36
	2-4km ENE	Recorded	5	Projectile	N to S	N/K	18-Oct, 04:45
	2-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 04:51
	2-4km ENE	Recorded	12	Projectile	N to S	N/K	18-Oct, 04:55
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	18-Oct, 04:58
	2-4km E	Recorded	4	Projectile	N to S	N/K	18-Oct, 05:00
	2-4km ENE	Recorded	8	Projectile	N to S	N/K	18-Oct, 05:08
	2-4km ENE	Recorded	2	Explosion	Impact	N/K	18-Oct, 05:08
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	18-Oct, 05:28
	3-4km ESE	Recorded	1	Projectile	SW to NE	N/K	18-Oct, 18:15
	3-4km ESE	Recorded	4	Projectile	SW to NE	N/K	18-Oct, 18:16
	3-4km ESE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 18:17
	3-4km ESE	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 18:17
	3-4km ESE	Recorded	4	Projectile	S to N	N/K	18-Oct, 18:18
	3-4km ESE	Recorded	4	Projectile	S to N	N/K	18-Oct, 18:19
	3-4km ESE	Recorded	3	Explosion	Undetermined	N/K	18-Oct, 18:19
	3-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 18:20
	3-4km ESE	Recorded	3	Explosion	Undetermined	N/K	18-Oct, 18:20
	3-4km ESE	Recorded	1	Muzzle flash		N/K	18-Oct, 18:25
	3-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 18:25
	3-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 18:26
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km ESE	Recorded	1	Projectile	NW to SE	N/K	17-Oct, 21:55
	2-3km ESE	Recorded	1	Projectile	NW to SE	N/K	17-Oct, 21:57
	2-3km ESE	Recorded	1	Projectile	SE to NW	N/K	17-Oct, 21:58
	2-4km ESE	Recorded	8	Projectile	N to S	N/K	17-Oct, 23:21
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 23:24
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	17-Oct, 23:24
	2-4km ESE	Recorded	1	Projectile	NW to SE	N/K	17-Oct, 23:24
	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 23:24
	2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	17-Oct, 23:25
	2-4km ESE	Recorded	1	Burst	In vertical flight (approximately 15 rounds)	N/K	17-Oct, 23:25
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 23:25

	2-4km ESE	Recorded	7	Projectile	NNE to SSW	N/K	17-Oct, 23:29
	2-4km ESE	Recorded	6	Projectile	NNE to SSW	N/K	17-Oct, 23:30
	2-4km ESE	Recorded	5	Projectile	S to N	N/K	17-Oct, 23:30
	2-4km ESE	Recorded	5	Projectile	In vertical flight	N/K	17-Oct, 23:31
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 23:31
	2-4km ESE	Recorded	4	Projectile	ENE to WSW	N/K	17-Oct, 23:33
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	S to N	N/K	17-Oct, 20:12
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	17-Oct, 20:13
	2-4km E	Recorded	2	Projectile	S to N	N/K	17-Oct, 20:43
	2-4km ENE	Recorded	3	Projectile	S to N	N/K	17-Oct, 20:46
	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Oct, 22:04
	2-4km E	Recorded	19	Projectile	N to S	N/K	17-Oct, 22:24
	2-4km E	Recorded	1	Projectile	S to N	N/K	17-Oct, 22:24
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km NNE	Recorded	7	Projectile	WSW to ENE	N/K	17-Oct, 18:34
	1-2km NNE	Recorded	3	Projectile	WSW to ENE	N/K	17-Oct, 18:35
	1-2km N	Recorded	3	Projectile	WSW to ENE	N/K	17-Oct, 18:36
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	17-Oct, 22:16
	2-4km NNE	Recorded	3	Projectile	E to W	N/K	17-Oct, 23:40
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Oct, 20:55
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	17-Oct, 20:56
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	17-Oct, 21:21
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	17-Oct, 21:22
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	17-Oct, 21:22
	2-4km SSE	Recorded	1	Projectile	NNW to SSE	N/K	17-Oct, 21:58
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 22:00
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	17-Oct, 22:00
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	17-Oct, 22:01
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 22:16
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	17-Oct, 22:18
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	17-Oct, 23:31
	2-4km SSE	Recorded	2	Muzzle flash		N/K	18-Oct, 00:00
	2-4km SSE	Recorded	2	Projectile	N to S	N/K	18-Oct, 00:00
	2-4km SSE	Recorded	1	Muzzle flash		N/K	18-Oct, 00:03
2-4km SSE	Recorded	2	Projectile	NNW to SSE	N/K	18-Oct, 00:04	



	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 00:04
	2-4km SSE	Recorded	2	Projectile	In vertical flight	N/K	18-Oct, 00:06
	2-4km SSE	Recorded	9	Projectile	E to W	N/K	18-Oct, 00:09
	2-4km S	Recorded	2	Projectile	E to W	N/K	18-Oct, 00:09
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	18-Oct, 00:11
	2-4km SSE	Recorded	1	Muzzle flash		N/K	18-Oct, 00:19
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	18-Oct, 01:26
	2-4km SSE	Recorded	1	Projectile	N to S	N/K	18-Oct, 01:27
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 01:27
	2-4km SSE	Recorded	1	Muzzle flash		N/K	18-Oct, 01:27
	2-4km SSE	Recorded	11	Projectile	E to W	N/K	18-Oct, 01:33
	2-4km SSE	Recorded	9	Projectile	E to W	N/K	18-Oct, 01:34
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	18-Oct, 01:45
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 01:45
	2-4km SSE	Recorded	6	Projectile	E to W	N/K	18-Oct, 02:18
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	18-Oct, 02:48
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	18-Oct, 02:58
	2-4km SSE	Recorded	4	Muzzle flash		N/K	18-Oct, 03:09
	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	18-Oct, 03:09
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	18-Oct, 03:18
	2-4km S	Recorded	2	Projectile	NNW to SSE	N/K	18-Oct, 03:23
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	18-Oct, 03:27
	2-4km SSE	Recorded	1	Muzzle flash		N/K	18-Oct, 03:37
	2-4km SSE	Recorded	2	Muzzle flash		N/K	18-Oct, 03:41
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	18-Oct, 03:41
	1-3km S	Recorded	1	Muzzle flash		N/K	18-Oct, 03:52
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	18-Oct, 04:09
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	18-Oct, 04:09
	2-4km SSE	Recorded	6	Projectile	E to W	N/K	18-Oct, 04:37
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 18:20
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-4km N	Recorded	2	Projectile	W to E (assessed as outside the disengagement area)	N/K	18-Oct, 00:05
	3-5km NW	Recorded	10	Projectile	NE to SW (assessed as outside the disengagement area)	N/K	18-Oct, 01:56

					area)		
SE edge of Holubivske (non-government-controlled, 51km W of Luhansk)	5-7km NE	Heard	14	Burst		HMG	18-Oct, 10:27
	5-7km NE	Heard	10	Shot		Small arms	18-Oct, 10:27
S edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	2km S	Heard	3	Burst		Small arms	18-Oct, 12:20

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> 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).