

**Table of ceasefire violations as of 7 October 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-5km NNE	Recorded	1	Projectile	SSW to NNE	N/K	5-Oct, 20:20
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:20
	2-4km NNE	Recorded	2	Projectile	ESE to WNW	N/K	6-Oct, 00:46
	2-4km NNE	Recorded	1	Muzzle flash		N/K	6-Oct, 01:18
	2-4km NE	Recorded	5	Projectile	ESE to WNW	N/K	6-Oct, 01:27
	2-4km NE	Recorded	5	Projectile	ESE to WNW	N/K	6-Oct, 05:16
	2-4km NE	Recorded	2	Projectile	ESE to WNW	N/K	6-Oct, 05:17
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km NE	Recorded	1	Projectile	ESE to WNW	N/K	6-Oct, 05:18
	5-7km SE	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 21:13
	5-7km SSE	Recorded	2	Projectile	NNE to SSW	N/K	5-Oct, 21:29
	5-7km SE	Recorded	3	Projectile	NNE to SSW	N/K	5-Oct, 21:51
	5-7km SSE	Recorded	1	Projectile	N to S	N/K	5-Oct, 22:22
	5-7km SSE	Recorded	2	Projectile	WSW to ENE	N/K	5-Oct, 22:22
	6-7km SSE	Recorded	7	Explosion	Undetermined	N/K	5-Oct, 22:34
	6-7km SSE	Recorded	5	Projectile	N to S	N/K	5-Oct, 22:34
	3-7km SE	Recorded	9	Projectile	SW to NE	N/K	5-Oct, 22:38
	3-7km SE	Recorded	2	Projectile	SW to NE	N/K	5-Oct, 22:39
	3-7km SE	Recorded	6	Projectile	SW to NE	N/K	5-Oct, 22:44
	3-7km SE	Recorded	3	Projectile	NE to SW	N/K	5-Oct, 22:49
	3-7km S	Recorded	2	Projectile	NE to SW	N/K	5-Oct, 22:50
	3-7km SSE	Recorded	4	Projectile	WNW to ESE	N/K	5-Oct, 22:52
	3-7km SSE	Recorded	2	Projectile	WNW to ESE	N/K	5-Oct, 22:53
	3-7km SSE	Recorded	9	Projectile	WNW to ESE	N/K	5-Oct, 23:54
	3-7km S	Recorded	7	Projectile	W to E	N/K	6-Oct, 00:32
4-7km S	Recorded	5	Projectile	NW to SE	N/K	6-Oct, 02:52	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 19:06
	1.5-2km S	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 19:07
	1-2km S	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 19:07
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 19:13
	1-2km S	Recorded	5	Projectile	ESE to WNW	N/K	5-Oct, 19:13
	1.5-2.5km S	Recorded	3	Projectile	ESE to WNW	N/K	5-Oct, 19:15
	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	5-Oct, 19:22
	1-2km S	Recorded	11	Explosion	Undetermined	N/K	5-Oct, 19:22
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 19:23
	1-2km S	Recorded	1	Muzzle flash		N/K	5-Oct, 19:24
	1-2km S	Recorded	1	Projectile	SE to NW	N/K	5-Oct, 19:24
	2-4km SSW	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 20:53
	2-4km SSW	Recorded	3	Projectile	E to W	N/K	5-Oct, 21:42
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1-3km E	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 19:11
	3-4km ENE	Recorded	4	Burst	NNW to SSE (approximately 200 rounds)	N/K	5-Oct, 20:14
	3-4km E	Recorded	2	Burst	ESE to WNW (approximately 10 rounds)	N/K	5-Oct, 20:14
	3-4km ENE	Recorded	3	Burst	NNW to SSE (approximately 50 rounds)	N/K	5-Oct, 20:15
3-4km ENE	Recorded	1	Burst	ESE to WNW (approximately 10 rounds)	N/K	5-Oct, 20:15	

<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.

	3-4km ENE	Recorded	2	Projectile	W to E	N/K	5-Oct, 20:16
	3-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	5-Oct, 22:32
	3-4km E	Recorded	12	Projectile	SSW to NNE	N/K	5-Oct, 22:34
	3-4km E	Recorded	6	Projectile	N to S	N/K	5-Oct, 22:34
	3-4km ENE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:35
	3-4km E	Recorded	3	Projectile	NW to SE	N/K	5-Oct, 22:36
	3-4km ENE	Recorded	8	Projectile	NW to SE	N/K	5-Oct, 22:47
	3-4km E	Recorded	6	Projectile	SW to NE	N/K	5-Oct, 23:54
	3-4km E	Recorded	24	Projectile	SW to NE	N/K	5-Oct, 23:55
	3-4km ENE	Recorded	6	Projectile	NNW to SSE	N/K	5-Oct, 23:53
	3-4km ENE	Recorded	5	Projectile	NW to SE	N/K	6-Oct, 00:43
	3-4km ENE	Recorded	1	Projectile	SE to NW	N/K	6-Oct, 00:43
	3-4km ENE	Recorded	5	Projectile	NW to SE	N/K	6-Oct, 00:44
	3-4km ENE	Recorded	2	Muzzle flash		N/K	6-Oct, 00:44
	3-4km ESE	Recorded	1	Projectile	NW to SE	N/K	6-Oct, 00:47
	3-4km E	Recorded	1	Burst	SE to NW (approximately 15 rounds)	N/K	6-Oct, 01:29
	3-4km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Oct, 01:29
	3-4km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Oct, 01:43
	3-4km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 03:04
SMM camera in Krasnohorivka (government- controlled, 21km W of Donetsk)	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	6-Oct, 02:08
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	6-Oct, 02:29
SMM camera in Kriakivka (government- controlled, 38km NW of Luhansk)	2-5km SW	Recorded	5	Projectile	WNW to ESE	N/K	5-Oct, 19:47
	2-5km SW	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 20:01
	2-5km SW	Recorded	2	Projectile	WNW to ESE	N/K	5-Oct, 20:01
	2-5km SW	Recorded	10	Projectile	WNW to ESE	N/K	5-Oct, 20:02
	2-5km SW	Recorded	3	Projectile	In vertical flight	N/K	5-Oct, 20:02
	2-5km SW	Recorded	6	Projectile	WNW to ESE	N/K	5-Oct, 20:03
	2-5km SW	Recorded	6	Projectile	WNW to ESE	N/K	5-Oct, 20:04
	2-5km SW	Recorded	5	Projectile	WNW to ESE	N/K	5-Oct, 20:05
	2-5km SW	Recorded	4	Projectile	ESE to WNW	N/K	5-Oct, 20:05
	2-5km SW	Recorded	4	Projectile	WNW to ESE	N/K	5-Oct, 20:06
	2-5km SW	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 20:06
	2-5km SSW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:06
	2-5km SW	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 20:10
	2-5km SW	Recorded	3	Projectile	ESE to WNW	N/K	5-Oct, 20:10
	2-5km SW	Recorded	4	Projectile	ESE to WNW	N/K	5-Oct, 20:11
	2-5km SSW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:11
	2-5km SW	Recorded	4	Projectile	WNW to ESE	N/K	5-Oct, 20:12
	2-5km SE	Recorded	1	Projectile	ESE to WNW	N/K	5-Oct, 20:12
	2-5km SW	Recorded	1	Projectile	ESE to WNW	N/K	5-Oct, 20:13
	2-5km SW	Recorded	2	Projectile	WNW to ESE	N/K	5-Oct, 20:13
	2-5km SW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:13
	2-5km SW	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 20:14
	2-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 20:24
	2-5km SW	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 20:24
	2-5km SW	Recorded	4	Projectile	WNW to ESE	N/K	5-Oct, 20:27
	2-5km SW	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 20:32
	2-5km SW	Recorded	2	Muzzle flash		N/K	5-Oct, 20:33
	2-5km SW	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 20:34
	2-5km SW	Recorded	2	Projectile	WNW to ESE	N/K	5-Oct, 20:34
	2-5km SW	Recorded	3	Projectile	ESE to WNW	N/K	5-Oct, 20:34
	2-5km SW	Recorded	2	Projectile	ESE to WNW	N/K	5-Oct, 20:35
	2-5km SW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:36
	2-5km SW	Recorded	3	Projectile	ESE to WNW	N/K	5-Oct, 20:56
	2-5km SW	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 21:41
	2-5km SW	Recorded	1	Illumination flare	In vertical flight	N/K	5-Oct, 21:52

	2-5km SW	Recorded	5	Projectile	WNW to ESE	N/K	5-Oct, 21:56
	2-5km SW	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 21:57
	2-5km SW	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 22:00
	2-5km SW	Recorded	2	Projectile	WNW to ESE	N/K	5-Oct, 22:01
	2-5km SW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:25
	2-5km SW	Recorded	2	Projectile	WNW to ESE	N/K	6-Oct, 00:03
	2-5km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 00:09
	2-5km SSW	Recorded	2	Muzzle flash		N/K	6-Oct, 00:09
	2-5km SW	Recorded	1	Projectile	WNW to ESE	N/K	6-Oct, 04:46
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	5-Oct, 19:54
	4-6km ENE	Recorded	5	Projectile	SE to NW	N/K	5-Oct, 19:54
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:17
	2-6km NE	Recorded	7	Projectile	NW to SE	N/K	6-Oct, 02:25
	2-6km NE	Recorded	4	Projectile	WNW to ESE	N/K	6-Oct, 02:25
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-4km E	Recorded	3	Projectile	N to S	N/K	5-Oct, 19:11
	3-6km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	5-Oct, 23:57
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km S	Recorded	5	Projectile	ENE to WSW	N/K	5-Oct, 19:19
	3-5km SSE	Recorded	3	Projectile	E to W	N/K	5-Oct, 19:38
	2-3km SE	Recorded	1	Projectile	NNE to SSW	N/K	5-Oct, 20:54
	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 23:22
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	N/K N	Recorded	1	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	6-Oct, 02:00
	N/K WNW	Recorded	1	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	6-Oct, 04:20
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km E	Recorded	3	Projectile	N to S	N/K	5-Oct, 19:08
	3-4km E	Recorded	2	Projectile	N to S	N/K	5-Oct, 19:09
	3-4km E	Recorded	2	Burst	S to N (approximately 20 rounds)	N/K	5-Oct, 19:09
	3-4km E	Recorded	3	Projectile	N to S	N/K	5-Oct, 19:11
	3-5km E	Recorded	8	Projectile	In vertical flight	N/K	5-Oct, 19:25
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 20:04
	2-4km ESE	Recorded	7	Projectile	S to N	N/K	5-Oct, 21:21
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	5-Oct, 21:21
	4-6km E	Recorded	4	Projectile	S to N	N/K	5-Oct, 21:22
	4-6km E	Recorded	5	Projectile	In vertical flight	N/K	5-Oct, 21:22
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	5-Oct, 22:34
	2-4km ESE	Recorded	6	Projectile	S to N	N/K	5-Oct, 22:34
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	5-Oct, 22:34
	2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 23:17
1.1km NW of railway station in Yasynuvata (non-	2km WNW	Heard	2	Burst		HMG	6-Oct, 09:05
	2-3km SW	Heard	3	Burst		Small arms	6-Oct, 09:39-09:40
	2-3km SW	Heard	5	Burst		HMG	6-Oct, 09:39-

government-controlled, 16km NE of Donetsk)							09:40
	1.5-1.8km SW	Heard	20	Shot		Small arms	6-Oct, 10:15-10:20
	2km WNW	Heard	1	Shot		Small arms	6-Oct, 15:56
SE of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km ESE	Heard	60	Shot		Small arms	6-Oct, 10:18
	2-3km E	Heard	1	Explosion	Undetermined	N/K	6-Oct, 15:14
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	6-Oct, 15:40
	1-2km W	Heard	17	Shot		Small arms	6-Oct, 11:10-11:25
	1-2km W	Heard	4	Burst		HMG	6-Oct, 11:10-11:25
1.2km NE of central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city centre)	2-3km W	Heard	5	Explosion	Undetermined	N/K	6-Oct, 11:25-11:30
	2-3km NW	Heard	3	Explosion	Undetermined	N/K	6-Oct, 11:25-11:30
1km SW of Lebedynske (government-controlled, 16km NE of Mariupol)	1-2km W	Heard	1	Explosion	Undetermined	N/K	6-Oct, 15:30
	N/K E	Heard	6	Explosion	Undetermined	N/K	6-Oct, 09:54-09:55
	N/K ENE	Heard	2	Explosion	Undetermined	N/K	6-Oct, 10:13-10:22
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ENE	Heard	3	Burst		HMG	6-Oct, 10:13-10:22
	2km NE	Heard	3	Burst		HMG	6-Oct, 13:12-13:17
	2km NE	Heard	2	Explosion	Undetermined	N/K	6-Oct, 13:12-13:17
	4-5km NNE	Heard	3	Explosion	Undetermined	N/K	6-Oct, 13:12-13:17
	4-5km NNW	Heard	3	Explosion	Undetermined	N/K	6-Oct, 13:12-13:17
1km N of Zaichenko (non-government controlled, 26 km NE of Mariupol)	4-5km NNW	Heard	1	Explosion	Undetermined	N/K	6-Oct, 13:25
	4-5km NNW	Heard	4	Burst		HMG	6-Oct, 13:25
Sopyne (government-controlled, 16km E of Mariupol)	N/K NNW	Heard	1	Explosion	Undetermined	N/K	6-Oct, 12:03
	N/K N	Heard	8	Explosion	Undetermined	N/K	6-Oct, 12:47-12:52
1km N of Chermalyk (government-controlled, 31 km NE of Mariupol)	N/K N	Heard	12	Burst		HMG	6-Oct, 12:47-12:52
	N/K N	Heard	1	Explosion	Undetermined	N/K	6-Oct, 12:03
Chermalyk (government-controlled, 31km NE of	1-2km S	Heard	13	Shot		Small arms	6-Oct, 13:09-13:34
	1-2km SSW	Heard	7	Shot		Small arms	6-Oct, 13:09-13:34

Mariupol)	1-2km SE	Heard	5	Shot		Small arms	6-Oct, 13:09-13:34
	1-2km S	Heard	3	Burst		Small arms	6-Oct, 13:45-13:56
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km SE	Heard	2	Burst		HMG	5-Oct, 23:15
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km NNW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 18:27-18:28
	4-5km NW	Heard	13	Burst		HMG	5-Oct, 18:40-18:41
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	2-3km NNW	Heard	35	Burst		HMG	6-Oct, 09:25-09:30
	1km WNW	Heard	5	Shot		Small arms	6-Oct, 10:35
	1-2km WNW	Heard	5	Shot		Small arms	6-Oct, 14:02
	1-2km WNW	Heard	20	Shot		Small arms	6-Oct, 14:05
	3-4km WNW	Heard	2	Explosion	Undetermined	N/K	6-Oct, 14:20
Holmivskiyi (government-controlled 49km north-east of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	6-Oct, 12:09
	3-4km W	Heard	1	Explosion	Undetermined	N/K	6-Oct, 12:14
	3-4km W	Heard	1	Explosion	Undetermined	N/K	6-Oct, 12:30
	3-4km W	Heard	3	Burst		HMG	6-Oct, 12:35
	3-4km W	Heard	3	Burst		Small arms	6-Oct, 12:55
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk)	1km N	Heard	1	Explosion	Undetermined	N/K	6-Oct, 10:47
NE edge of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk)	1.5km NW	Heard	1	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	6-Oct, 11:57
NE edge of Orikhove (government-controlled, 57km north-west of Luhansk)	5-7km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Oct, 10:48
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	6-Oct, 20:34
	2-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	6-Oct, 21:26
	2-5km ESE	Recorded	1	Projectile	N to S	N/K	6-Oct, 22:19
	2-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	6-Oct, 23:56
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	1-3km NE	Recorded	1	Projectile	SE to NW	N/K	6-Oct, 19:35
SMM camera in Chermalyk	3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	6-Oct, 18:49

(government-controlled, 31km NE of Mariupol)							
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-5km SE	Recorded	6	Projectile	ENE to WSW	N/K	6-Oct, 18:50
	3-5km SE	Recorded	3	Burst	ENE to WSW	N/K	6-Oct, 19:02
	3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	6-Oct, 19:02
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	6-Oct, 19:02
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 19:03
	3-5km SSE	Recorded	4	Muzzle flash		N/K	6-Oct, 19:04
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	6-Oct, 19:06
	3-5km SSE	Recorded	8	Projectile	In vertical flight	N/K	6-Oct, 19:07
	3-5km SSE	Recorded	8	Projectile	ENE to WSW	N/K	6-Oct, 19:07
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	6-Oct, 19:08
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	6-Oct, 19:08
	3-5km S	Recorded	1	Muzzle flash		N/K	6-Oct, 19:45
	3-6km SE	Recorded	2	Explosion	Undetermined	N/K	7-Oct, 01:21
	3-6km SE	Recorded	3	Projectile	NE to SW	N/K	7-Oct, 01:21
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SW	Recorded	1	Projectile	W to E	N/K	6-Oct, 19:03
	1-2km SSW	Recorded	1	Burst	W to E (approximately 10 rounds)	N/K	6-Oct, 19:08
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	6-Oct, 19:08
	1-2km SW	Recorded	2	Projectile	In vertical flight	N/K	6-Oct, 19:14
	1-2km S	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 19:35
	1-2km SW	Recorded	6	Projectile	E to W	N/K	6-Oct, 21:14
	1-2km SW	Recorded	2	Projectile	SSE to NNW	N/K	6-Oct, 22:15
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 22:17
	1-2km SSW	Recorded	2	Projectile	SSW to NNE	N/K	6-Oct, 22:18
	1-2km SSW	Recorded	1	Projectile	SSW to NNE	N/K	6-Oct, 23:04
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1-2km SSW	Recorded	1	Projectile	N to S	N/K	7-Oct, 03:53
	2-4km E	Recorded	3	Projectile	N to S	N/K	6-Oct, 19:10
	2-4km ENE	Recorded	3	Projectile	SE to NW	N/K	6-Oct, 20:14
	2-4km ENE	Recorded	3	Projectile	WNW to ESE	N/K	6-Oct, 20:14
	2-4km ENE	Recorded	10	Projectile	SE to NW	N/K	6-Oct, 20:16
	2-4km ENE	Recorded	1	Muzzle flash		N/K	6-Oct, 20:17
	2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	6-Oct, 20:31
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	6-Oct, 20:31
	2-4km E	Recorded	2	Muzzle flash		N/K	6-Oct, 20:36
	2-4km SE	Recorded	3	Muzzle flash		N/K	6-Oct, 21:04
	2-4km ENE	Recorded	13	Projectile	N to S	N/K	6-Oct, 21:22
	2-4km ENE	Recorded	2	Projectile	WNW to ESE	N/K	6-Oct, 21:22
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	6-Oct, 21:23
	2-4km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Oct, 21:23
	2-4km ENE	Recorded	1	Projectile	W to E	N/K	6-Oct, 21:23
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	6-Oct, 21:23
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	6-Oct, 21:23
	2-4km ENE	Recorded	7	Projectile	NNW to SSE	N/K	6-Oct, 21:24
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:24
	2-4km ESE	Recorded	3	Projectile	WNW to ESE	N/K	6-Oct, 21:26
	2-4km ENE	Recorded	2	Muzzle flash		N/K	6-Oct, 21:27
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	6-Oct, 21:27
	2-4km ESE	Recorded	2	Muzzle flash		N/K	6-Oct, 21:27
	2-4km E	Recorded	4	Projectile	N to S	N/K	6-Oct, 21:33
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	6-Oct, 21:33
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 21:33
	2-4km ENE	Recorded	2	Muzzle flash		N/K	6-Oct, 22:21
	2-4km E	Recorded	2	Projectile	WSW to ENE	N/K	6-Oct, 22:22
	2-4km E	Recorded	2	Projectile	NW to SE	N/K	6-Oct, 22:51
	2-4km E	Recorded	5	Projectile	NNW to SSE	N/K	6-Oct, 23:00
	2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	6-Oct, 23:00
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 23:00
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 23:00

	2-4km E	Recorded	11	Projectile	NNW to SSE	N/K	6-Oct, 23:01
	2-4km E	Recorded	20	Projectile	SSW to NNE	N/K	6-Oct, 23:04
	2-4km E	Recorded	11	Projectile	SSW to NNE	N/K	6-Oct, 23:05
	2-4km E	Recorded	14	Projectile	NNW to SSE	N/K	6-Oct, 23:05
	2-4km E	Recorded	8	Projectile	WNW to ESE	N/K	6-Oct, 23:06
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 23:06
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	6-Oct, 23:29
	2-4km ENE	Recorded	2	Muzzle flash		N/K	6-Oct, 23:29
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Oct, 23:33
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Oct, 23:34
	2-4km ESE	Recorded	2	Projectile	WNW to ESE	N/K	7-Oct, 01:18
	2-4km ENE	Recorded	2	Projectile	S to N	N/K	7-Oct, 01:24
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-5km SE	Recorded	3	Projectile	WSW to ENE	N/K	6-Oct, 02:57
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	6-Oct, 02:57
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-5km SE	Recorded	1	Burst	In vertical flight (approximately 13 rounds)	N/K	6-Oct, 19:06
	2-5km SE	Recorded	1	Burst	In vertical flight (approximately 14 rounds)	N/K	6-Oct, 19:07
	2-5km SW	Recorded	1	Projectile	W to E	N/K	6-Oct, 19:12
	2-5km SW	Recorded	3	Projectile	E to W	N/K	6-Oct, 19:12
	1-2.5km SW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:23
	1-2.5km SW	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 21:24
	1-2.5km SW	Recorded	4	Projectile	NW to SE	N/K	6-Oct, 21:56
	1-2.5km SW	Recorded	2	Projectile	SE to NW	N/K	6-Oct, 22:08
	1-2.5km SW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 22:15
	1-2.5km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 22:36
	1-2.5km SW	Recorded	8	Muzzle flash		N/K	6-Oct, 22:44
	1-2.5km SW	Recorded	2	Projectile	NNW to SSE	N/K	6-Oct, 23:18
	1-2.5km SW	Recorded	1	Projectile	NW to SE	N/K	7-Oct, 01:24
	1-2.5km SW	Recorded	1	Projectile	NW to SE	N/K	7-Oct, 01:45
1-2.5km SW	Recorded	2	Illumination flare	In vertical flight	N/K	7-Oct, 02:00	
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km ENE	Recorded	1	Muzzle flash		N/K	6-Oct, 20:43
	3-5km ENE	Recorded	8	Projectile	NW to SE	N/K	6-Oct, 20:46
	3-5km NE	Recorded	6	Projectile	NW to SE	N/K	6-Oct, 21:30
	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:31
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	6-Oct, 21:31
	3-5km ENE	Recorded	2	Projectile	NW to SE	N/K	6-Oct, 21:52
	3-5km ENE	Recorded	2	Projectile	ENE to WSW	N/K	6-Oct, 21:56
	3-6km NE	Recorded	3	Projectile	WSW to ENE	N/K	6-Oct, 23:43
3-6km ENE	Recorded	6	Projectile	SE to NW	N/K	6-Oct, 23:43	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 19:19
	4-7km E	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 21:25
	4-7km E	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 21:26
	4-7km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 22:52
	4-7km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 22:57
	4-7km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 22:58
	4-7km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 23:02
	4-7km E	Recorded	1	Illumination flare	In vertical flight	N/K	7-Oct, 00:25
4-7km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	7-Oct, 01:23	

	2-5km ESE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 03:04
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Projectile	E to W	N/K	6-Oct, 18:58
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 18:58
	2-4km S	Recorded	8	Projectile	In vertical flight	N/K	6-Oct, 19:27
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 20:58
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:03
	3-6km SSW	Recorded	4	Explosion	Undetermined	N/K	6-Oct, 21:05
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:07
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:08
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Oct, 21:09
	3-6km SSE	Recorded	3	Projectile	E to W	N/K	6-Oct, 21:26
	3-6km SSE	Recorded	1	Projectile	NW to SE	N/K	6-Oct, 21:27
	3-6km SSE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 22:22
	3-6km SSE	Recorded	1	Muzzle flash		N/K	6-Oct, 22:22
	3-6km SSE	Recorded	2	Projectile	W to E	N/K	6-Oct, 22:36
	3-6km SSE	Recorded	19	Projectile	NW to SE	N/K	6-Oct, 23:43
	3-6km SSE	Recorded	5	Projectile	WNW to ESE	N/K	7-Oct, 00:57
	N/K SSE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 00:57
	N/K SSE	Recorded	1	Illumination flare	In vertical flight	N/K	7-Oct, 00:57
	N/K SSE	Recorded	11	Projectile	NW to SE	N/K	7-Oct, 01:05
	N/K SSE	Recorded	1	Projectile	E to W	N/K	7-Oct, 01:05
N/K SSE	Recorded	2	Projectile	SSE to NNW	N/K	7-Oct, 01:13	
N/K SSE	Recorded	1	Projectile	E to W	N/K	7-Oct, 01:32	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	2	Burst	In vertical flight	N/K	6-Oct, 19:30
	2-4km E	Recorded	3	Projectile	SW to NE	N/K	6-Oct, 19:31
	3-5km E	Recorded	2	Projectile	N to S	N/K	7-Oct, 02:40
	3-5km E	Recorded	4	Projectile	NNW to SSE	N/K	7-Oct, 03:42
	3-5km E	Recorded	3	Projectile	S to N	N/K	7-Oct, 04:06
	3-5km E	Recorded	3	Projectile	NNW to SSE	N/K	7-Oct, 04:11
	3-5km E	Recorded	4	Projectile	S to N	N/K	7-Oct, 04:41
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-5km SSW	Recorded	3	Burst	Assessed as outside the disengagement area	N/K	6-Oct, 19:08
2.6km SW of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km S	Heard	1	Explosion	Undetermined	N/K	7-Oct, 10:10
	3-5km S	Heard	1	Explosion	Undetermined	N/K	7-Oct, 10:29
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Oct, 10:22
	0.5-1km NW	Heard and saw	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Oct, 11:24
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	7-Oct, 09:31
	2-3km SW	Heard	11	Burst		HMG	7-Oct, 09:39
	2km SW	Heard	1	Explosion	Undetermined	N/K	7-Oct, 11:10
	2km SW	Heard	11	Shot		Small arms	7-Oct, 11:08-11:10
	2-3km SW	Heard	5	Burst		HMG	7-Oct, 14:45
	2-3km SW	Heard	20	Shot		Small arms	7-Oct, 14:45
Pavlopil (government-controlled, 26 km NE of)	1km NW	Heard	2	Explosion	Outgoing	Mortar (type N/K)	7-Oct, 10:28
	2-3km NE	Heard	2	Explosion	Subsequent	Mortar	7-Oct, 10:28

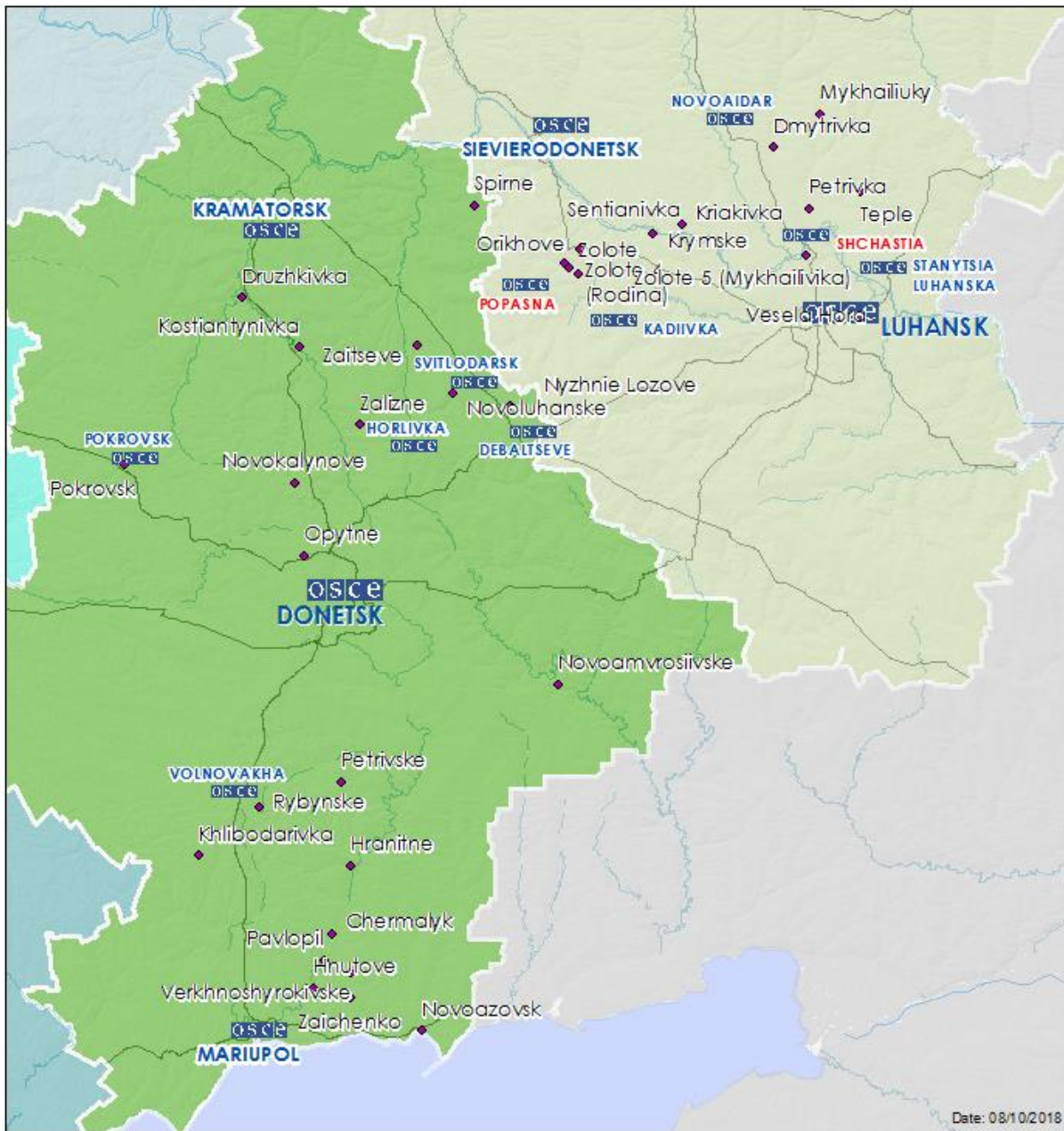


Mariupol)					impact	(type N/K)	
	1km NW	Heard	2	Explosion	Outgoing	Mortar (type N/K)	7-Oct, 10:35-10:37
	2-3km NE	Heard	2	Explosion	Subsequent impact	Mortar (type N/K)	7-Oct, 10:35-10:37
	N/K ENE	Heard	1	Explosion	Undetermined	N/K	7-Oct, 13:35-13:55
	N/K ENE	Heard	6	Burst		HMG	7-Oct, 13:35-13:58
1km NW of Pavlopil (government-controlled, 26 km NE of Mariupol)	2-4km ENE	Heard	5	Explosion	Undetermined	N/K	7-Oct, 14:05
2km NNW of Pavlopil (government-controlled, 26 km NE of Mariupol)	1-2km ENE	Heard	20	Shot		Small arms	7-Oct, 14:15-14:17
Entry-exit checkpoint in Pyshevyk (government-controlled, 25 km NE of Mariupol)	N/K SW	Heard	1	Explosion	Undetermined	N/K	7-Oct, 13:25-13:30
	N/K S	Heard	2	Explosion	Undetermined	N/K	7-Oct, 13:25-13:30
	N/K S	Heard	2	Burst		HMG	7-Oct, 13:25-13:30
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	2	Burst		HMG	6-Oct, 19:07
	4-5km SE	Heard	6	Shot		Small arms	6-Oct, 21:28
	3-4km NW	Heard	10	Burst		HMG	6-Oct, 21:38
	5-7km S	Heard	2	Explosion	Undetermined	N/K	6-Oct, 22:30-22:35
	2-3km S	Heard	3	Burst		HMG	6-Oct, 22:30-22:35
	5-7km S	Heard	1	Explosion	Undetermined	N/K	6-Oct, 22:35
	5-7km W	Heard	25	Burst		HMG	6-Oct, 23:07-23:10
	5-7km SE	Heard	8	Burst		HMG	6-Oct, 23:10
	5-7km W	Heard	29	Burst		HMG	6-Oct, 23:20-23:30
	5-7km W	Heard	5	Burst		HMG	6-Oct, 23:38
	2-3km SE	Heard	37	Burst		HMG	6-Oct, 23:41-23:45
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	6-Oct, 23:51
	3-4km E	Heard	3	Shot		Small arms	7-Oct, 18:00
	3-4km E	Heard	4	Burst		HMG	7-Oct, 18:00
	3-4km E	Heard	4	Explosion	Undetermined	N/K	7-Oct, 18:00
	3-4km E	Heard	10	Burst		Small arms	7-Oct, 18:13-18:14
	3-4km E	Heard	5	Explosion	Undetermined	N/K	7-Oct, 18:13-18:14
	5-6km W	Heard	6	Explosion	Undetermined	N/K	7-Oct, 18:16-18:18
	2-3km W	Heard	10	Burst		Small arms	7-Oct, 18:16-18:18
5-6km W	Heard	15	Explosion	Undetermined	N/K	7-Oct, 18:20-18:30	
Horlivka (non-government-	2-3km W	Heard	6	Explosion	Undetermined	N/K	7-Oct, 03:00-03:07

controlled, 39km NE of Donetsk)	2-3km W	Heard	1	Explosion	Undetermined	N/K	7-Oct, 03:12-03:13
	3-4km W	Heard	10	Explosion	Undetermined	N/K	7-Oct, 03:33-04:35
	4-5km W	Heard	7	Explosion	Undetermined	N/K	7-Oct, 04:30-04:45
NW edge of Horlivka (non- government controlled, 39km NE of Donetsk)	2-3km N	Heard	2	Burst		Small arms	7-Oct, 09:26
1.6km SSE of Kamianka (government- controlled, 20km N of Donetsk)	0.5-0.7km SE	Heard	3	Shot		Small arms	7-Oct, 09:01
	0.6-0.7km SE	Heard	4	Shot		Small arms	7-Oct, 09:06
	1.5-2km S	Heard	11	Burst		HMG	7-Oct, 09:38
2km WSW of Zalizne (government- controlled, 42km north- east of Donetsk)	3km E	Heard	1	Explosion	Undetermined	N/K	7-Oct, 09:49
	2km E	Heard	1	Explosion	Undetermined	N/K	7-Oct, 10:01
	2km E	Heard	1	Burst		HMG	7-Oct, 10:01
	2km SSE	Heard	7	Shot		Small arms	7-Oct, 12:25
	4km SSE	Heard	4	Explosion	Undetermined	N/K	7-Oct, 12:33
	2km SSE	Heard	1	Shot		Small arms	7-Oct, 12:45
	1.5km SSE	Heard	7	Shot		Small arms	7-Oct, 12:52-12:59
2.5km SW of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-3km NNE	Heard	3	Shot	Assessed as inside the disengagement area	Small arms	7-Oct, 09:05
	2-3km NNE	Heard	2	Shot	Assessed as inside the disengagement area	Small arms	7-Oct, 09:09
	2-3km E	Heard	10	Shot	Assessed as outside the disengagement area	Small arms	7-Oct, 09:11-09:14
NW edge of Holubivske (non- government- controlled, 51km W of Luhansk)	1-2km N	Heard	2	Burst		Small arms	7-Oct, 10:59
S edge of Trokhizbenka (government- controlled, 32km NW of Luhansk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	7-Oct, 11:28
N edge of the Zolote disengagement area (government- controlled, 60km W of Luhansk)	1-2km SE	Heard	6	Shot	Assessed as inside the disengagement area	Small arms	7-Oct, 11:53-11:54
NE edge of Zolote- 3/Stakhanovets (government- controlled,	1-4km SE	Heard	7	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	7-Oct, 12:22-12:28

61km W of Luhansk)							
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### 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).