

**Table of ceasefire violations as of 10 October 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 19:21
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 19:22
	2-4km SE	Recorded	2	Illumination flare	In vertical flight	N/K	9-Oct, 19:26
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:29
	2-4km SSE	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:31
	2-4km SSE	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 19:33
	2-4km SSE	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:34
	1-3km SSE	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 23:46
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 21:16
	2-4km E	Recorded	6	Projectile	WSW to ENE	N/K	9-Oct, 21:16
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	9-Oct, 21:17
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	9-Oct, 21:19
	2-4km SSE	Recorded	12	Projectile	WSW to ENE	N/K	9-Oct, 21:20
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 21:22
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	9-Oct, 21:26
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	9-Oct, 21:33
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	9-Oct, 22:01
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 22:02
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	9-Oct, 22:06
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 22:54
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	10-Oct, 04:21
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Projectile	NW to SE	N/K
2-4km SSW		Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:06
2-4km SSW		Recorded	2	Projectile	NW to SE	N/K	9-Oct, 19:09
2-4km S		Recorded	2	Projectile	WSW to ENE	N/K	9-Oct, 19:13
2-4km S		Recorded	1	Projectile	W to E	N/K	9-Oct, 19:17
2-4km SSW		Recorded	1	Projectile	W to E	N/K	9-Oct, 19:20
2-4km S		Recorded	2	Explosion	Airburst	N/K	9-Oct, 19:21
2-4km S		Recorded	2	Projectile	In vertical flight	N/K	9-Oct, 19:21
2-4km S		Recorded	2	Explosion	Airburst	N/K	9-Oct, 19:22
2-4km S		Recorded	2	Projectile	In vertical flight	N/K	9-Oct, 19:22
2-4km S		Recorded	3	Projectile	W to E	N/K	9-Oct, 19:23
2-4km SSW		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:23
2-4km S		Recorded	1	Projectile	In vertical flight	N/K	9-Oct, 19:23
2-4km S		Recorded	1	Explosion	Airburst	N/K	9-Oct, 19:23
2-4km S		Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 19:24
2-4km S		Recorded	1	Explosion	Airburst	N/K	9-Oct, 19:25
2-4km S		Recorded	1	Projectile	In vertical flight	N/K	9-Oct, 19:26
2-4km S		Recorded	1	Explosion	Airburst	N/K	9-Oct, 19:26
2-4km SSW		Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:29
2-4km SSW		Recorded	1	Projectile	NW to SE	N/K	9-Oct, 19:41
2-4km SSW		Recorded	4	Projectile	W to E	N/K	9-Oct, 19:41
1-3km S		Recorded	10	Projectile	E to W	N/K	9-Oct, 19:56
2-3km SSW		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:01
0.5-1km SSW		Recorded	2	Explosion	Undetermined	N/K	9-Oct, 20:01
1-3km SSW		Recorded	5	Projectile	W to E	N/K	9-Oct, 20:02
1-3km SSW		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:02
0.5-1km S		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:04
0.5-1km S		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:05
1-3km SSW		Recorded	1	Projectile	NW to SE	N/K	9-Oct, 20:07
0.5-1km S		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:07

<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.

	1-3km SSW	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 20:10
	1-3km SSW	Recorded	2	Projectile	N to S	N/K	9-Oct, 20:10
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 20:16
	0.5-1km SSE	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 20:19
	0.5-1km S	Recorded	4	Muzzle flash		N/K	9-Oct, 20:20
	0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	9-Oct, 20:20
	0.5-1km SSE	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 20:20
	0.5-1km SSW	Recorded	4	Explosion	Undetermined	N/K	9-Oct, 20:20
	1-3km SSW	Recorded	1	Projectile	W to E	N/K	9-Oct, 20:24
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 20:30
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:32
	0.5-1km SSE	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 22:38
	0.5-1km S	Recorded	4	Muzzle flash	W to E	N/K	9-Oct, 22:38
	0.5-1km S	Recorded	4	Explosion	Undetermined	N/K	9-Oct, 22:38
	0.5-1km S	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 22:38
	0.5-1km SSW	Recorded	5	Explosion	Undetermined	N/K	9-Oct, 22:40
	0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 23:20
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 23:21
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 23:26
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 23:33
	0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 23:33
	0.5-1km S	Recorded	1	Muzzle flash		N/K	9-Oct, 23:33
	1-3km S	Recorded	3	Muzzle flash		N/K	9-Oct, 23:34
	0.5-1km S	Recorded	6	Muzzle flash		N/K	9-Oct, 23:35
	0.5-1km S	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 23:35
	0.5-1km S	Recorded	3	Projectile	W to E	N/K	9-Oct, 23:36
	0.5-1km S	Recorded	3	Projectile	NW to SE	N/K	9-Oct, 23:38
	0.5-1km S	Recorded	4	Projectile	W to E	N/K	9-Oct, 23:38
	0.5-1km SSW	Recorded	14	Explosion	Undetermined	N/K	10-Oct, 00:14
	0.5-1km SSE	Recorded	2	Explosion	Undetermined	N/K	10-Oct, 00:14
	1-3km SSW	Recorded	2	Projectile	WNW to ESE	N/K	10-Oct, 00:47
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	10-Oct, 01:59
	1-3km S	Recorded	1	Projectile	N to S	N/K	10-Oct, 02:39
	1-3km S	Recorded	4	Projectile	W to E	N/K	10-Oct, 02:39
	1-3km SSW	Recorded	2	Projectile	NW to SE	N/K	10-Oct, 02:57
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	5	Explosion	Airburst	N/K	9-Oct, 18:13
	2-4km E	Recorded	4	Explosion	Undetermined	N/K	9-Oct, 18:13
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	9-Oct, 18:13
	2-4km E	Recorded	6	Explosion	Airburst	N/K	9-Oct, 18:14
	2-4km E	Recorded	4	Explosion	Undetermined	N/K	9-Oct, 18:14
	2-4km E	Recorded	6	Explosion	Airburst	N/K	9-Oct, 18:15
	2-4km E	Recorded	13	Explosion	Undetermined		9-Oct, 18:15
	2-4km E	Recorded	5	Explosion	Airburst	N/K	9-Oct, 18:16
	2-4km E	Recorded	7	Explosion	Undetermined	N/K	9-Oct, 18:16
	2-4km E	Recorded	2	Explosion	Airburst	N/K	9-Oct, 18:17
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	9-Oct, 18:17
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:18
	2-4km ESE	Recorded	3	Projectile	N to S	N/K	9-Oct, 18:19
	2-4km ESE	Recorded	5	Projectile	N to S	N/K	9-Oct, 18:20
	2-4km ESE	Recorded	3	Projectile	N to S	N/K	9-Oct, 18:21
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:22
	2-4km ESE	Recorded	3	Projectile	S to N	N/K	9-Oct, 18:23
	2-4km ESE	Recorded	6	Projectile	S to N	N/K	9-Oct, 18:24
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:25
	2-4km E	Recorded	11	Projectile	WSW to ENE	N/K	9-Oct, 18:26
	2-4km E	Recorded	3	Projectile	NE to SW	N/K	9-Oct, 18:26
	2-4km E	Recorded	8	Projectile	N to S	N/K	9-Oct, 18:38
	1-3km ENE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 19:38
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 18:36
SMM camera in	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:44

Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	9-Oct, 19:44
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 19:44
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	7	Projectile	ESE to WNW	N/K	9-Oct, 19:01
	2-4km SSW	Recorded	10	Projectile	ESE to WNW	N/K	9-Oct, 19:02
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 19:05
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:05
	2-4km SW	Recorded	13	Projectile	WNW to ESE	N/K	9-Oct, 19:09
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:09
	2-4km SW	Recorded	5	Projectile	ESE to WNW	N/K	9-Oct, 19:11
	2-4km SW	Recorded	4	Projectile	WNW to ESE	N/K	9-Oct, 19:11
	2-4km SW	Recorded	6	Projectile	WNW to ESE	N/K	9-Oct, 19:12
	2-4km SW	Recorded	2	Projectile	ESE to WNW	N/K	9-Oct, 19:12
	2-4km SW	Recorded	12	Projectile	ESE to WNW	N/K	9-Oct, 19:14
	2-4km SSW	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 19:21
	2-4km SSW	Recorded	1	Explosion	Impact	N/K	9-Oct, 19:24
	2-4km SW	Recorded	11	Projectile	ESE to WNW	N/K	9-Oct, 19:38
	1-3km SSW	Recorded	3	Muzzle flash		N/K	9-Oct, 21:04
	4-5km SSW	Recorded	4	Projectile	E to W	N/K	9-Oct, 21:19
	4-5km SSW	Recorded	3	Projectile	W to E	N/K	9-Oct, 21:28
	4-5km SSW	Recorded	4	Muzzle flash		N/K	9-Oct, 21:31
	4-5km SSW	Recorded	3	Projectile	E to W	N/K	9-Oct, 21:31
	4-5km SSW	Recorded	2	Projectile	W to E	N/K	9-Oct, 21:31
	4-5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 21:32
	4-5km SSW	Recorded	8	Muzzle flash		N/K	9-Oct, 22:02
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:04
	3-5km SSW	Recorded	1	Projectile	W to E	N/K	9-Oct, 22:04
	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 22:06
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:40
	3-5km SSW	Recorded	2	Projectile	E to W	N/K	9-Oct, 22:51
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-4km NE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:38
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 19:11
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 23:38
	2-4km NE	Recorded	1	Muzzle flash		N/K	9-Oct, 23:58
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	10-Oct, 00:12
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	9-Oct, 20:39
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 20:50
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	9-Oct, 21:18
	2-4km ENE	Recorded	6	Explosion	Undetermined	N/K	9-Oct, 21:19
	2-4km E	Recorded	2	Projectile	SW to NE	N/K	9-Oct, 21:21
	2-4km E	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 21:21
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 21:21
	2-4km E	Recorded	3	Projectile	SSW to NNE	N/K	9-Oct, 21:22
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 21:22
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 21:23
	2-4km E	Recorded	3	Projectile	SSW to NNE	N/K	9-Oct, 21:23
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 21:24
	2-4km E	Recorded	5	Projectile	SSW to NNE	N/K	9-Oct, 21:25
	2-4km E	Recorded	4	Projectile	SSW to NNE	N/K	9-Oct, 21:26
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 21:26
	2-4km E	Recorded	6	Projectile	SSW to NNE	N/K	9-Oct, 21:27
	2-4km E	Recorded	3	Projectile	SSW to NNE	N/K	9-Oct, 21:28
	2-4km E	Recorded	1	Projectile	NE to SW	N/K	9-Oct, 21:28
	2-4km E	Recorded	3	Projectile	SSW to NNE	N/K	9-Oct, 21:29
	1-3km ENE	Recorded	1	Projectile	N to S	N/K	9-Oct, 21:31
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 21:40
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 21:42
	2-4km ENE	Recorded	3	Explosion	Undetermined	N/K	9-Oct, 21:42
	2-4km E	Recorded	2	Projectile	SSW to NNE	N/K	9-Oct, 21:44
	2-4km ENE	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 21:47
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:37
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	9-Oct, 23:25

	2-4km ENE	Recorded	6	Projectile	NW to SE	N/K	9-Oct, 23:26
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	9-Oct, 23:27
	2-4km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 23:55
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 23:55
	2-4km E	Recorded	12	Projectile	N to S	N/K	10-Oct, 00:45
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	3	Projectile	E to W	N/K	9-Oct, 20:33
	2-4km NNE	Recorded	3	Muzzle flash		N/K	9-Oct, 21:19
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	9-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	10-Oct, 02:00
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	10-Oct, 04:16
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NE	Recorded	1	Explosion	Airburst	N/K	9-Oct, 19:21
	2-4km NE	Recorded	1	Projectile		N/K	9-Oct, 19:22
	2-4km NE	Recorded	1	Explosion	Airburst	N/K	9-Oct, 19:22
	2-4km NNE	Recorded	1	Burst	In vertical flight	N/K	9-Oct, 20:34
	2-4km NNE	Recorded	1	Burst	WNW to ESE	N/K	9-Oct, 20:34
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:50
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:00
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:01
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:04
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:35
SMM camera at entry-exit checkpoint in Pyshechyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 18:45
	2-4km S	Recorded	2	Projectile		N/K	9-Oct, 18:49
	2-4km S	Recorded	1	Projectile	E to W	N/K	9-Oct, 18:53
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:09
	2-4km SSE	Recorded	5	Projectile	E to W	N/K	9-Oct, 19:50
	1-3km S	Recorded	1	Projectile	W to E	N/K	9-Oct, 22:50
	1-3km SSE	Recorded	1	Projectile	E to W	N/K	9-Oct, 23:54
	1-3km SSE	Recorded	1	Projectile	E to W	N/K	10-Oct, 02:29
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	1-3km NNE	Recorded	1	Projectile	SW to NE	N/K	9-Oct, 20:00
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km E	Recorded	3	Projectile	S to N	N/K	9-Oct, 20:04
	1-3km E	Recorded	3	Projectile	S to N	N/K	9-Oct, 20:14
	1-3km E	Recorded	6	Projectile	S to N	N/K	9-Oct, 20:20
	1-3km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 20:21
	1-3km E	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 21:19
	1-3km E	Recorded	11	Projectile	NW to SE	N/K	9-Oct, 21:20
	1-3km E	Recorded	3	Projectile	S to N	N/K	9-Oct, 21:25
	1-3km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 23:39
	1-3km E	Recorded	1	Projectile	S to N	N/K	9-Oct, 23:45
	1-3km E	Recorded	2	Projectile	NW to SE	N/K	10-Oct, 00:10
	1-3km E	Recorded	2	Projectile	S to N	N/K	10-Oct, 00:51
	1-3km E	Recorded	3	Projectile	S to N	N/K	10-Oct, 01:41
	1-3km E	Recorded	1	Projectile	NW to SE	N/K	10-Oct, 01:44
	1-3km E	Recorded	4	Projectile	W to E	N/K	10-Oct, 03:34
	1-3km E	Recorded	5	Projectile	S to N	N/K	10-Oct, 03:57
	1-3km E	Recorded	2	Projectile	S to N	N/K	10-Oct, 04:00
	1-3km E	Recorded	2	Projectile	S to N	N/K	10-Oct, 04:03
	1-3km E	Recorded	2	Explosion	Undetermined	N/K	10-Oct, 04:03
	1-3km E	Recorded	2	Projectile	S to N	N/K	10-Oct, 04:07
	1-3km E	Recorded	1	Projectile	S to N	N/K	10-Oct, 04:23
	1-3km E	Recorded	1	Projectile	S to N	N/K	10-Oct, 04:24
	1-3km E	Recorded	3	Projectile	N to S	N/K	10-Oct, 04:55
1-3km E	Recorded	1	Projectile	N to S	N/K	10-Oct, 04:56	
1-3km ESE	Recorded	2	Projectile	N to S	N/K	10-Oct, 04:59	
SE edge of Avdiivka (government-controlled, 17km N)	1km SSE	Heard		Shot	Uncountable overlapping shots	Small arms	10-Oct, 08:57
	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 08:58
	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:04

of Donetsk)	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:09
	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:13
	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:20
	1km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:29
	1km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:37
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:52
	2-3km SE	Heard	8	Burst		HMG	10-Oct, 14:03
	1-3km SE	Heard	7	Burst		HMG	10-Oct, 14:10
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 15:14
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km S	Heard	4	Explosion	Undetermined	N/K	10-Oct, 09:53-09:56
	1-2km NW	Heard	8	Shot		HMG	10-Oct, 10:37
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 10:47
	1-2km NW	Heard	21	Shot		Small arms	10-Oct, 10:52
	1-2km SW	Heard	29	Shot		Small arms	10-Oct, 13:18-13:54
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	10-Oct, 13:35
	1-2km SW	Heard	5	Burst		Small arms	10-Oct, 15:01
	1-2km SW	Heard	9	Shot		Small arms	10-Oct, 15:03
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SSE	Heard		Shot	Uncountable overlapping shots (assessed as outside the disengagement area)	Small arms	10-Oct, 11:20-11:25
	2km SSW	Heard and saw	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	10-Oct, 11:25
2km SW of entry-exit checkpoint in Pyshechyk (government-controlled, 25km NE of Mariupol)	N/K NE	Heard	1	Explosion		N/K	8-Oct, 09:51
1km NNW of entry-exit checkpoint in Pyshechyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Heard	4	Explosion	Undetermined	N/K	8-Oct, 10:15-10:18
	2-4km SSE	Heard	6	Burst		HMG	8-Oct, 10:15-10:18
	2-4km SSE	Heard	12	Explosion	Undetermined	N/K	8-Oct, 10:23-10:25
	2-3km SSE	Heard	5	Explosion	Impact	Artillery (type N/K)	8-Oct, 10:31-10:33
	N/K SW	Heard	3	Shot		Small arms	8-Oct, 14:05
	N/K S	Heard	2	Explosion	Undetermined	N/K	10-Oct, 09:50
	N/K SSE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 09:55-09:57
	N/K ENE	Heard	4	Shot		Small arms	10-Oct, 10:08
1km SW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	2	Explosion		N/K	8-Oct, 10:32-10:34
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NNE	Heard		Burst	Uncountable overlapping bursts	Small arms	10-Oct, 13:55-14:15
	N/K NNE	Heard	10	Shot		N/K	10-Oct, 13:55-14:15
	N/K NNE	Heard	2	Explosion	Undetermined	N/K	10-Oct,

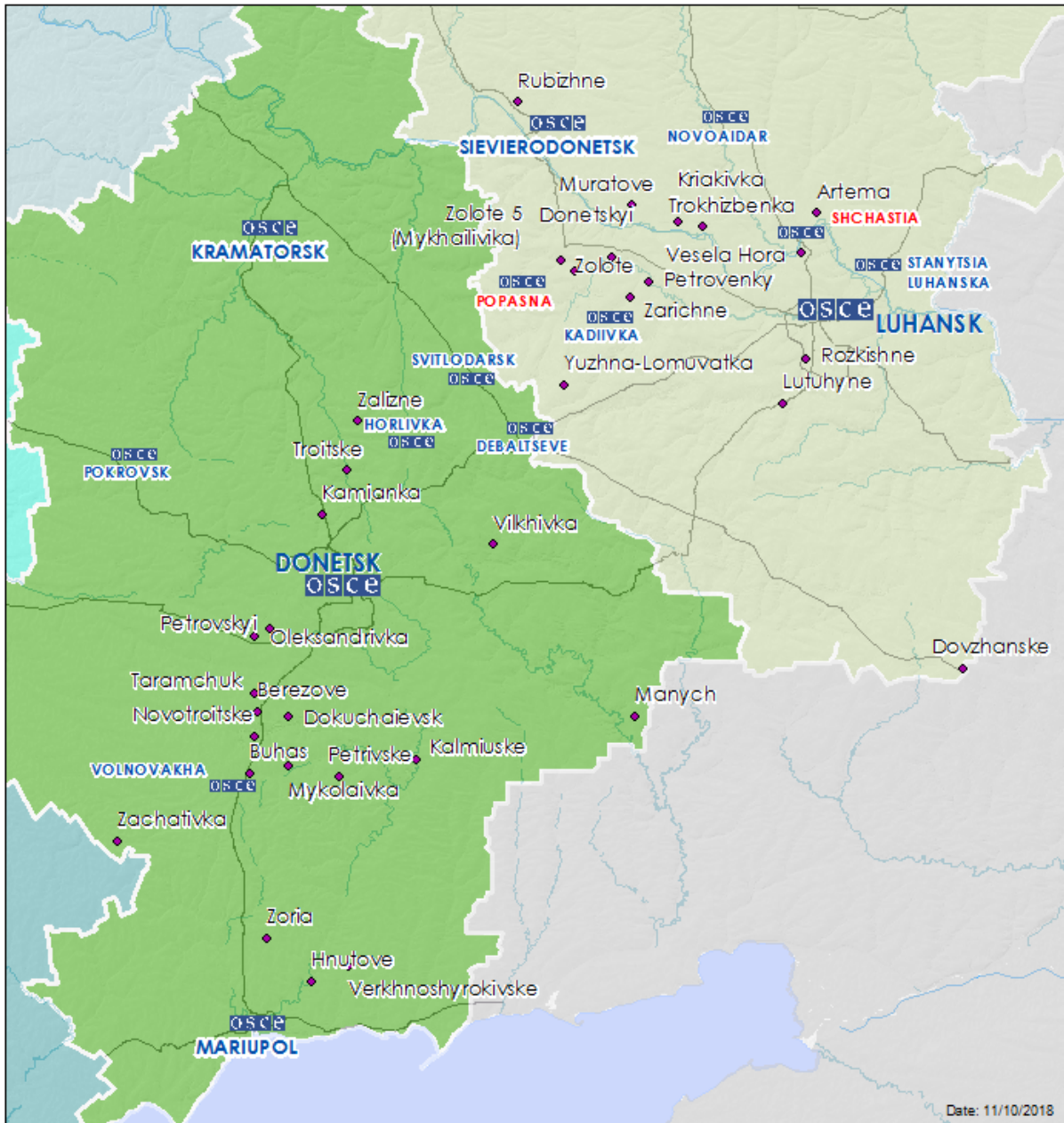
							13:55-14:15
	N/K NNE	Heard	6	Burst		HMG	10-Oct, 13:55-14:15
	N/K NNE	Heard	12	Shot		Small arms	10-Oct, 13:55-14:15
	N/K NNE	Heard	2	Explosion	Outgoing	Mortar (120mm)	10-Oct, 13:55-14:15
	N/K NNE	Heard	1	Explosion	Impact	N/K	10-Oct, 13:55-14:15
Taramchuk (government-controlled, 29km SW of Donetsk)	2km N	Heard	1	Explosion	Impact	N/K	8-Oct, 10:35
	2km NW	Heard	6	Shot		Small arms	8-Oct, 11:35
	5-6km NE	Heard	1	Explosion		N/K	8-Oct, 12:08
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	2km ENE	Heard	12	Burst		HMG	8-Oct, 11:24-11:25
	2km ENE	Heard	2	Burst		HMG	8-Oct, 11:31
	2-3km ENE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 12:29
	2-3km ENE	Heard	1	Shot		Small arms	8-Oct, 12:29
	2-3km ENE	Heard	26	Explosion	Undetermined	N/K	8-Oct, 12:40-12:45
	2-3km ENE	Heard	6	Burst		HMG	8-Oct, 12:40-12:45
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K SSE	Heard	20	Shot		Small arms	10-Oct, 10:59-11:01
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km WNW	Saw	3	Burst	Undetermined	N/K	9-Oct, 20:23
	2km SSE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 11:16
N edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	1km NNW	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:07
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	10-Oct, 10:30
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:09
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:13
	5-6km S	Heard	1	Explosion	Undetermined	N/K	10-Oct, 11:22
	5-6km NNW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:47
	5-6km NNW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 12:01
	3-5km NNE	Heard	6	Explosion	Undetermined	N/K	10-Oct, 12:07-12:10
	3-5km NNE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 12:11
	3-5km NNE	Heard	5	Explosion	Undetermined	N/K	10-Oct, 12:12
	2-4km NNE	Heard	1	Explosion	Undetermined	AGL	10-Oct, 12:15
	2-4km NNE	Heard	1	Burst		HMG	10-Oct, 12:15
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 12:16
	2-3km NNW	Heard	6	Explosion	Undetermined	N/K	10-Oct, 12:20
	3-5km NNW	Heard	8	Explosion	Undetermined	N/K	10-Oct, 12:24-12:46
	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	10-Oct, 13:05
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 13:12
	3-5km NNW	Heard	3	Explosion	Undetermined	N/K	10-Oct, 13:31
	3-5km NNW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 13:36
NW edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km SW	Heard	2	Explosion	Impact	N/K	10-Oct, 10:17
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:20
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km E	Heard	2	Burst		Small arms	9-Oct, 19:05-19:07
	2-3km E	Heard	2	Burst		Small arms	9-Oct, 19:46-19:47
	2-3km E	Heard	5	Burst		Small arms	9-Oct, 20:50-20:54
	4-6km E	Heard	1	Explosion	Undetermined	N/K	9-Oct, 21:03
	4-6km E	Heard	1	Explosion	Undetermined	N/K	9-Oct, 21:35-

							21:36
	2-3km SE	Heard	2	Burst		Small arms	9-Oct, 22:15-22:16
	2-3km E	Heard	1	Burst		Small arms	9-Oct, 23:01-23:02
	4-5km E	Heard	1	Burst		HMG	9-Oct, 23:51-23:52
	2-3km SE	Heard	10	Burst		Small arms	9-Oct, 23:54-23:59
	4-6km SE	Heard	12	Burst		HMG	10-Oct, 10:25-10:30
1.5km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SW	Heard	2	Burst		HMG	10-Oct, 08:52
	1km N	Heard	1	Shot		Small arms	10-Oct, 08:55
	10-50m	Heard	2	Shot	Whistling sound of 2 bullets 10-50m over SMM patrol	Small arms	10-Oct, 08:59
	1-2km SE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 09:14
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 09:29
2km WSW of Zalizne (government-controlled, 42km north-east of Donetsk)	4-5km NE	Heard	2	Explosion	Outgoing	N/K	10-Oct, 10:17
2.4km S of Muratove (government-controlled, 51km NW of Luhansk)	5-7km ESE	Heard	72	Explosion	Undetermined	IFV (type N/K)	10-Oct, 10:48-11:45
2.4km S of Muratove (government-controlled, 51km NW of Luhansk)	3-5km ESE	Heard	76	Burst		HMG	10-Oct, 10:48-11:45
2.4km S of Muratove (government-controlled, 51km NW of Luhansk)	3-5km ESE	Heard	15	Explosion	Undetermined	AGL	10-Oct, 10:48-11:45
2.4km S of Muratove (government-controlled, 51km NW of Luhansk)	2-3km ESE	Heard	9	Shot		Small arms	10-Oct, 10:48-11:45
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	10-15km ENE	Heard	8	Explosion	Undetermined	N/K	10-Oct, 11:13-11:30
S Edge of Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	10-15km E	Heard	8	Explosion	Undetermined	N/K	10-Oct, 11:25-11:45
2.7km S of Vilkhove (government-controlled, 22km NE of Luhansk)	5-7km NNE	Heard	2	Explosion	Undetermined	N/K	10-Oct, 11:30
SW edge of Smile (non-government-controlled, 31km NW of Luhansk)	3km N	Heard	2	Shot		N/K	10-Oct, 13:00
S edge of Zolote disengagement area (non-government-	1km NNW	Heard	25	Shot	Assessed as inside the disengagement area	Small arms	10-Oct, 13:12-13:18

controlled, 58km W of Luhansk)	1km NNE	Heard	9	Shot	Assessed as inside the disengagement area	Small arms	10-Oct, 13:33-13:43
--------------------------------	---------	-------	---	------	---	------------	---------------------



## 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).