

**Table of ceasefire violations as of 8 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)	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	7-Oct, 20:29	
	2-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	8-Oct, 00:21	
	2-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	8-Oct, 00:21	
	2-5km S	Recorded	1	Projectile	WSW to ENE	N/K	8-Oct, 01:40	
	2-5km S	Recorded	10	Projectile	WSW to ENE	N/K	8-Oct, 02:55	
	2-5km S	Recorded	3	Projectile	WSW to ENE	N/K	8-Oct, 03:07	
	2-5km S	Recorded	20	Projectile	WSW to ENE	N/K	8-Oct, 04:17	
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-5km SE	Recorded	1	Muzzle flash		N/K	7-Oct, 18:53	
	3-5km SE	Recorded	2	Projectile	In vertical flight	N/K	7-Oct, 18:53	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	2	Projectile	W to E	N/K	7-Oct, 19:05	
	2-4km SSW	Recorded	1	Projectile	SW to NE	N/K	7-Oct, 20:27	
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	7-Oct, 20:29	
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	8-Oct, 00:21	
	2-4km SSW	Recorded	1	Projectile	N to S	N/K	8-Oct, 00:21	
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 00:38	
	2-4km SSW	Recorded	4	Projectile	W to E	N/K	8-Oct, 01:31	
	0.5-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 01:32	
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 01:33	
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	8-Oct, 01:40	
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	8-Oct, 01:55	
	2-4km SSW	Recorded	2	Projectile	NW to SE	N/K	8-Oct, 01:55	
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 03:07	
	2-4km SSW	Recorded	2	Projectile	SW to NE	N/K	8-Oct, 03:35	
	2-4km SSW	Recorded	1	Projectile	SW to NE	N/K	8-Oct, 03:43	
	SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km NE	Recorded	3	Projectile	N to S	N/K	7-Oct, 19:33
		2-4km NE	Recorded	1	Projectile	N to S	N/K	7-Oct, 19:34
2-4km SE		Recorded	1	Projectile	S to N	N/K	7-Oct, 21:07	
2-4km SE		Recorded	1	Projectile	S to N	N/K	7-Oct, 21:08	
2-4km SE		Recorded	2	Projectile	N to S	N/K	7-Oct, 21:17	
2-4km E		Recorded	1	Burst	S to N	N/K	7-Oct, 21:49	
2-4km E		Recorded	1	Projectile	SSW to NNE	N/K	7-Oct, 21:49	
2-4km SE		Recorded	1	Projectile	SSW to NNE	N/K	7-Oct, 21:56	
2-4km E		Recorded	1	Explosion	Undetermined	N/K	7-Oct, 22:30	
2-4km SE		Recorded	1	Projectile	S to N	N/K	7-Oct, 22:50	

<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.

	2-4km ESE	Recorded	3	Projectile	N to S	N/K	8-Oct, 00:35
	2-4km E	Recorded	2	Projectile	SSW to NNE	N/K	8-Oct, 00:36
	2-4km E	Recorded	1	Burst	SSW to NNE	N/K	8-Oct, 00:36
	2-4km E	Recorded	8	Projectile	SSW to NNE	N/K	8-Oct, 00:37
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	8-Oct, 00:38
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	8-Oct, 01:04
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 01:20
	2-4km ENE	Recorded	1	Burst	W to E	N/K	8-Oct, 01:20
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	8-Oct, 01:45
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 01:47
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	8-Oct, 01:53
	2-4km ENE	Recorded	1	Burst	WNW to ESE	N/K	8-Oct, 01:53
	2-4km ENE	Recorded	5	Projectile	N to S	N/K	8-Oct, 01:54
	2-4km ENE	Recorded	1	Burst	S to N	N/K	8-Oct, 01:54
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 01:57
	2-4km ENE	Recorded	1	Burst	In vertical flight	N/K	8-Oct, 01:57
	2-4km ENE	Recorded	1	Burst	SSW to NNE	N/K	8-Oct, 01:58
	2-4km ENE	Recorded	1	Burst	NNW to SSE	N/K	8-Oct, 01:58
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	8-Oct, 02:15
	2-4km ESE	Recorded	6	Projectile	WSW to ENE	N/K	8-Oct, 02:18
	2-4km ESE	Recorded	8	Projectile	WNW to ESE	N/K	8-Oct, 02:23
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 02:29
	2-4km E	Recorded	2	Burst	WSW to ENE	N/K	8-Oct, 02:39
	2-4km E	Recorded	2	Projectile	WSW to ENE	N/K	8-Oct, 02:39
	2-4km E	Recorded	1	Burst	NW to SE	N/K	8-Oct, 02:41
	2-4km ENE	Recorded	6	Projectile	NNW to SSE	N/K	8-Oct, 02:47
	2-4km ENE	Recorded	1	Burst	SW to NE	N/K	8-Oct, 02:48
	2-4km ENE	Recorded	4	Projectile	NW to SE	N/K	8-Oct, 02:49
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 02:50
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 02:51
	2-4km ENE	Recorded	4	Projectile	NE to SW	N/K	8-Oct, 02:52
	2-4km ENE	Recorded	5	Projectile	NW to SE	N/K	8-Oct, 02:52
	2-4km ENE	Recorded	5	Projectile	NW to SE	N/K	8-Oct, 04:20
	2-4km ENE	Recorded	4	Projectile	NW to SE	N/K	8-Oct, 04:21
	2-4km ENE	Recorded	4	Projectile	NW to SE	N/K	8-Oct, 04:22
SMM camera in Kriakivka (government-	2-4km S	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 18:42
	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	7-Oct, 18:42

controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	2	Projectile	ESE to WNW	N/K	7-Oct, 18:58
	2-4km SSW	Recorded	9	Projectile	ESE to WNW	N/K	7-Oct, 18:59
	2-3km SW	Recorded	5	Projectile	ESE to WNW	N/K	7-Oct, 21:48
	2-3km SW	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 23:56
	2-3km SW	Recorded	2	Projectile	WNW to ESE	N/K	8-Oct, 04:32
	2-3km SW	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 05:12
	2-3km SW	Recorded	6	Projectile	WNW to ESE	N/K	8-Oct, 05:12
	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
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Oct, 21:44
	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Oct, 21:46
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 21:59
	2-5km NE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 00:07
	2-5km NE	Recorded	5	Muzzle flash		N/K	8-Oct, 00:07
	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 01:20
	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 01:31
	2-5km ENE	Recorded	1	Muzzle flash		N/K	8-Oct, 01:31
	2-5km ENE	Recorded	1	Explosion	Impact	N/K	8-Oct, 01:31
	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 01:33
	2-5km ENE	Recorded	3	Projectile	NW to SE	N/K	8-Oct, 01:35
	2-5km NE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 02:07
	2-5km NE	Recorded	1	Muzzle flash		N/K	8-Oct, 02:07
	2-5km NE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 02:51
	2-5km NNE	Recorded	1	Projectile	SE to NW	N/K	8-Oct, 04:07
	2-5km NNE	Recorded	1	Muzzle flash		N/K	8-Oct, 04:07
	2-5km NNE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 04:11
	2-5km NE	Recorded	4	Projectile	NW to SE	N/K	8-Oct, 04:20
	2-5km NE	Recorded	1	Muzzle flash		N/K	8-Oct, 04:20
	2-5km NE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 04:21
	2-5km NE	Recorded	2	Muzzle flash		N/K	8-Oct, 04:21
	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 05:00
	2-5km ENE	Recorded	1	Muzzle flash		N/K	8-Oct, 05:00
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-3km SSE	Recorded	6	Projectile	W to E	N/K	7-Oct, 21:31
	2-3km SSE	Recorded	6	Projectile	W to E	N/K	7-Oct, 21:32
	2-3km SSE	Recorded	9	Projectile	W to E	N/K	7-Oct, 21:40
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 21:40
	2-3km S	Recorded	9	Projectile	W to E	N/K	7-Oct, 21:41
	2-3km SSE	Recorded	6	Projectile	W to E	N/K	7-Oct, 22:15
	2-3km SSE	Recorded	4	Projectile	E to W	N/K	8-Oct, 01:20
SMM camera in	2-4km E	Recorded	1	Burst	In vertical flight	N/K	7-Oct, 18:59

Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	1	Burst	In vertical flight	N/K	7-Oct, 19:02
	2-4km E	Recorded	6	Projectile	NNW to SSE	N/K	7-Oct, 19:03
	3-5km E	Recorded	33	Projectile	N to S	N/K	7-Oct, 19:04
	3-5km E	Recorded	6	Projectile	S to N	N/K	8-Oct, 03:47
	3-5km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 03:47
	3-5km E	Recorded	6	Projectile	S to N	N/K	8-Oct, 03:47
	3-5km E	Recorded	3	Projectile	N to S	N/K	8-Oct, 03:54
	3-5km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 03:55
	3-5km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 03:56
	3-5km ENE	Recorded	3	Projectile	S to N	N/K	8-Oct, 03:59
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-2km ESE	Recorded	1	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:13
	1-2km ESE	Recorded	5	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:45
	1-2km ESE	Recorded	2	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:45
	1-2km ESE	Recorded	9	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:48
	1-2km ESE	Recorded	5	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:49
	1-2km ESE	Recorded	5	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 19:51
	1-2km ESE	Recorded	2	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	Artillery (type N/K)	7-Oct, 19:51
	2-4km ESE	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area).	Artillery (type N/K)	7-Oct, 20:17
	2-4km ESE	Recorded	1	Projectile	N to S (unable to assess whether inside or outside the disengagement area)	N/K	7-Oct, 20:24
SE edge of	3-5km E	Heard	2	Explosion	Undetermined	N/K	8-Oct, 10:29

Avdiivka (government-controlled, 17km N of Donetsk)	1-2km S	Heard	5	Burst		Small arms	8-Oct, 10:42
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:02
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:07
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:26
Olenivka (non-government-controlled, 23km SW of Donetsk)	1-2km WSW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 10:37
	1-2km WSW	Heard	2	Explosion	Undetermined	N/K	8-Oct, 11:36-11:37
1.5km W of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	3	Shot		Small arms	8-Oct, 08:50
	2-3km NW	Heard	1	Burst		Small arms	8-Oct, 08:50
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard		Shot and burst	Uncountable, overlapping	Small arms	8-Oct, 10:12
	1-2km NW	Heard		Explosion	Undetermined, uncountable	N/K	8-Oct, 10:12
	1-2km NW	Heard	2	Burst		Small arms	8-Oct, 10:15
	1-2km NW	Heard	2	Shot		Small arms	8-Oct, 10:15
	1-2km NW	Heard	2	Burst		HMG	8-Oct, 10:15
	1-2km NW	Heard	2	Shot		Small arms	8-Oct, 10:17
	1-2km NW	Heard	3	Explosion	Undetermined	N/K	8-Oct, 10:22
	1-2km NW	Heard	6	Burst		Small arms	8-Oct, 10:22
	1-2km NW	Heard	6	Burst		HMG	8-Oct, 10:22
	2-3km W	Heard	2	Explosion	Undetermined	N/K	8-Oct, 10:30
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:02
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:08
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:27
	10km SSW	Heard	4	Explosion	Undetermined	N/K	8-Oct, 11:28-11:30
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 12:23
2km SW of entry-exit checkpoint in Pyshchevyk (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 Pyshchevyk (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	Outgoing	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	Outgoing	Small arms	8-Oct, 14:05
1km SW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	2	Explosion		N/K	8-Oct, 10:32-10:34

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	Outgoing	HMG	8-Oct, 11:24-11:25
	2km ENE	Heard	2	Burst	Outgoing	HMG	8-Oct, 11:31
	2-3km ENE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 12:29
	2-3km ENE	Heard	1	Shot	Outgoing	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	Outgoing	HMG	8-Oct, 12:40-12:45
	2-3km E	Heard	1	Explosion	Impact	Artillery (type N/K)	8-Oct, 12:47
	2-3km E	Heard	4	Burst	Outgoing	HMG	8-Oct, 13:06
	2km WNW of Staromariivka (non-government-controlled, 62km S of Donetsk)	N/K S	Heard	3	Explosion	Outgoing	N/K
N/K SW		Heard	1	Explosion	Impact	N/K	8-Oct, 12:02-12:11
N/K N		Heard	4	Shot	Outgoing	Small arms	8-Oct, 12:02-12:11
3km SW of Chermalyk (government-controlled, 31km NE of Mariupol)	2km E	Heard	4	Shot	Outgoing	Small arms	8-Oct, 12:52-12:57
	2km E	Heard	23	Shot	Outgoing	Small arms	8-Oct, 13:00-13:10
1km ENE of Pikuzy (formerly Kominternove, non-government-controlled, 23km NE of Mariupol)	N/K S	Heard	2	Explosion	Undetermined	N/K	8-Oct, 12:55
	N/K S	Heard	5	Shot	Outgoing	Small arms	8-Oct, 12:55
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km W	Heard	5	Burst		Small arms	7-Oct, 18:38-18:40
	4-6km W	Heard	10	Explosion	Undetermined	N/K	7-Oct, 18:40-18:43
	4-6km W	Heard	12	Explosion	Undetermined	N/K	7-Oct, 19:10-19:14
	3-4km W	Heard	7	Burst		N/K	7-Oct, 19:11-19:13
	2-3km E	Heard	10	Explosion	Undetermined	N/K	7-Oct, 19:20-19:23
	4-6km E	Heard	5	Explosion	Undetermined	N/K	7-Oct, 20:01-20:03
	4-6km E	Heard	4	Explosion	Undetermined	N/K	7-Oct, 20:10-20:13
	4-6km E	Heard	5	Explosion	Undetermined	N/K	7-Oct, 20:20-20:23
	4-6km E	Heard	3	Explosion	Undetermined	N/K	7-Oct, 20:25-20:27
	4-6km E	Heard	7	Explosion	Undetermined	N/K	7-Oct, 20:35-20:38
	4-6km E	Heard	4	Explosion	Undetermined	N/K	7-Oct, 20:50-20:54
	4-6km E	Heard	3	Explosion	Undetermined	N/K	7-Oct, 21:05-21:08
	4-6km E	Heard	3	Explosion	Undetermined	N/K	7-Oct, 21:35-

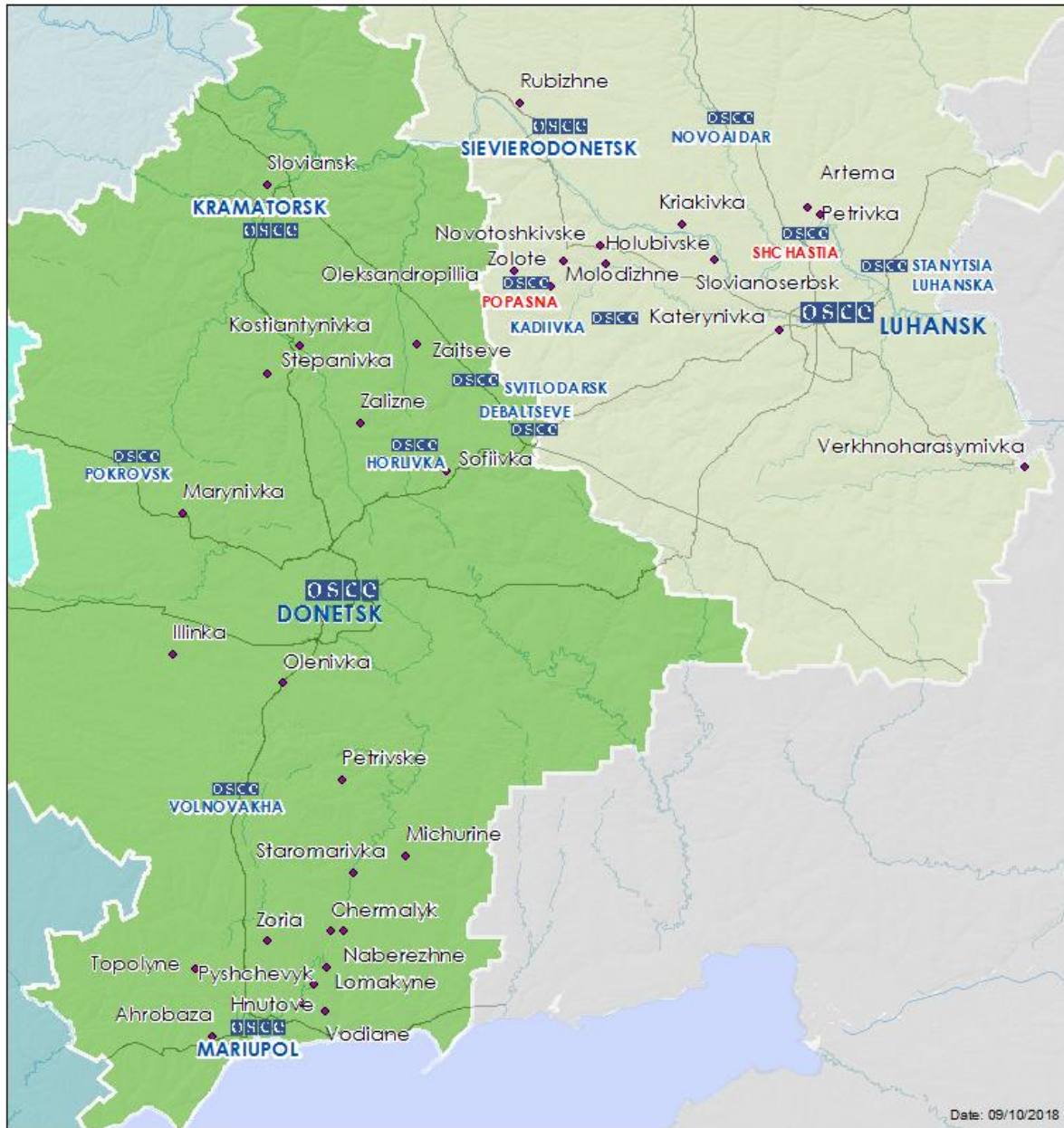
							21:37
	2-3km E	Heard	10	Burst		Small arms	7-Oct, 22:10-22:12
	4-6km E	Heard	5	Explosion	Undetermined	N/K	7-Oct, 22:25-22:28
	4-6km E	Heard	3	Explosion	Undetermined	N/K	7-Oct, 22:39-22:42
	2-3km E	Heard	5	Burst		Small arms	7-Oct, 22:42-22:45
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 12:44
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 13:04
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 13:12
	5-7km SE	Heard	8	Explosion	Undetermined	N/K	8-Oct, 17:20-17:30
	5-7km SE	Heard	7	Explosion	Undetermined	N/K	8-Oct, 17:31-17:40
	5-7km SE	Heard	10	Explosion	Undetermined	N/K	8-Oct, 17:41-17:50
	5-7km SE	Heard	3	Explosion	Undetermined	N/K	8-Oct, 17:55-18:00
	5-7km SE	Heard	5	Explosion	Undetermined	N/K	8-Oct, 18:05-18:10
	5-7km SE	Heard	7	Explosion	Undetermined	N/K	8-Oct, 18:11-18:20
	5-7km SE	Heard	15	Burst		HMG	8-Oct, 18:11-18:20
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km ESE	Heard	26	Explosion	Outgoing	Artillery (type N/K)	8-Oct, 01:01-01:14
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	5-6km S	Heard	2	Explosion	Undetermined	N/K	8-Oct, 10:30
	5-6km S	Heard	2	Explosion	Undetermined	N/K	8-Oct, 11:27
	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	8-Oct, 12:42
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	2-3km SE	Heard	10	Shot		Small arms	8-Oct, 11:55-11:57
	2-3km SE	Heard	8	Shot		Small arms	8-Oct, 12:05-12:06
	2-3km SE	Heard	15	Shot		Small arms	8-Oct, 12:25
	2-3km SE	Heard	3	Burst		HMG	8-Oct, 12:25
	2-3km SE	Heard	12	Shot		Small arms	8-Oct, 12:32-12:38
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km S	Heard	8	Shot		Small arms	8-Oct, 03:10
NE edge of Kalynove Borshchuvate (non-government-controlled, 61km W of Luhansk)	3-5km W	Heard	12	Explosion	Undetermined	N/K	8-Oct, 09:57-10:11
	3-5km W	Heard	23	Shot		IFV (BMP-2) cannon (30mm)	8-Oct, 09:57-10:11
	3-5km W	Heard	34	Burst		HMG	8-Oct, 09:57-10:11
	3-5km W	Heard	14	Burst		Small arms	8-Oct, 09:57-10:11
	3-5km W	Heard	10	Shot		N/K	8-Oct, 09:57-10:11

SW outskirts of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	5-7km W	Heard	3	Explosion	Undetermined	N/K	8-Oct, 10:02-10:08
	5-7km W	Heard	21	Burst		HMG	8-Oct, 10:34-10:47
N edge of Zolote disengagement area (government-controlled, 60km W of Luhansk)	5-7km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	8-Oct, 10:01-10:02
	2-3km SSW	Heard	6	Shot and burst	Assessed as inside the disengagement area	IFV (BMP-2) cannon	8-Oct, 10:02-10:05
	2-3km SSW	Heard	10	Shot	Assessed as inside the disengagement area	Small arms	8-Oct, 10:01-10:10
	2-3km SSW	Heard	2	Shot	Assessed as inside the disengagement area	HMG	8-Oct, 10:10-10:15
SE edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km S	Heard	5	Explosion	Impact	N/K	8-Oct, 11:06-11:15
	3-5km S	Heard	9	Burst	Outgoing	HMG	8-Oct, 11:35-11:40
	3-5km S	Heard	5	Explosion	Impact	N/K	8-Oct, 11:35-11:40
N outskirts of Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	7-10km SSW	Heard	12	Explosion	Undetermined	N/K	8-Oct, 11:15-11:22
N outskirts of Zolote-5/Mykhailivka (non-government-controlled, 58km NW of Luhansk)	1-2km NNW	Heard	39	Shot and burst		Small arms	8-Oct, 11:42-11:56
Dovhe (non-government-controlled, 22km NW of Luhansk)	10km W	Heard	16	Explosion	Undetermined	N/K	8-Oct, 11:50-11:55
E outskirts of Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km NE	Heard	98	Explosion	Undetermined	N/K	8-Oct, 10:51-12:09
	3-5km NE	Heard	137	Shot and burst		Small arms	8-Oct, 10:51-12:09
NE outskirts of Slovianoserbsk (non-government-controlled, 28km NW of Luhansk)	10km W	Heard	34	Explosion	Undetermined	N/K	8-Oct, 12:15-12:45
1.5km SW of Molodizhne (non-government-controlled, 63km	3-5km NNE	Heard	12	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	8-Oct, 14:55-15:00



W of Luhansk)	3-5km NNE	Heard	20	Burst	Assessed as outside the disengagement area	Small arms	8-Oct, 14:55- 15:00
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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).