

Table of ceasefire violations as of 12 October 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-5km SE	Recorded	1	Projectile	NE to SW	N/K	11-Oct, 22:33
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-6km N	Recorded	3	Projectile	ESE to WNW	N/K	12-Oct, 01:07
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-3km SE	Recorded	2	Projectile	NE to SW	N/K	11-Oct, 23:08
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	11-Oct, 19:18
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Oct, 19:19
	2-3km SSW	Recorded	1	Projectile	SE to NW	N/K	11-Oct, 19:36
	1-3km SSW	Recorded	1	Projectile	NNE to SSW	N/K	11-Oct, 20:51
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Oct, 20:51
	1-3km SSW	Recorded	2	Projectile	WNW to ESE	N/K	11-Oct, 20:51
	1-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	11-Oct, 21:37
	1-2km SSW	Recorded	3	Explosion	Undetermined	N/K	11-Oct, 22:03
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:04
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:06
	1-2km S	Recorded	3	Explosion	Undetermined	N/K	11-Oct, 22:07
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	11-Oct, 22:08
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:09
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	11-Oct, 22:10
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:11
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	11-Oct, 22:13
	1-2km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Oct, 22:17
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	11-Oct, 22:23
	1-2km S	Recorded	1	Projectile	E to W	N/K	11-Oct, 22:23
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:28
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	11-Oct, 22:28
	0.7-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 22:28
	0.5-1km SSW	Recorded	1	Projectile	E to W	N/K	11-Oct, 22:31
	0.5-1km SSW	Recorded	1	Explosion	Airburst	N/K	11-Oct, 22:31
	1-2km S	Recorded	1	Projectile	WNW to ESE	N/K	11-Oct, 22:33
	0.6-1.5km S	Recorded	32	Explosion	Incoming	N/K	11-Oct, 22:37
0.6-1.5km S	Recorded	4	Explosion	Undetermined	N/K	11-Oct, 22:38	

¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

	1-2km S	Recorded	2	Projectile	E to W	N/K	11-Oct, 23:01
	1-2km SSW	Recorded	8	Projectile	WNW to ESE	N/K	11-Oct, 23:17
	1-2km SSW	Recorded	3	Projectile	WNW to ESE	N/K	11-Oct, 23:46
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 23:58
	1-2km SSW	Recorded	25	Projectile	WNW to ESE	N/K	12-Oct, 00:06
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-5km ENE	Recorded	1	Projectile	N to S	N/K	11-Oct, 22:48
	2-5km E	Recorded	3	Projectile	N to S	N/K	11-Oct, 22:54
	2-5km E	Recorded	2	Projectile	N to S	N/K	11-Oct, 22:57
	2-5km E	Recorded	5	Projectile	N to S	N/K	11-Oct, 23:16
	2-5km E	Recorded	1	Projectile	N to S	N/K	11-Oct, 23:17
	2-5km ENE	Recorded	3	Projectile	S to N	N/K	11-Oct, 23:35
	2-5km ENE	Recorded	1	Muzzle flash		N/K	11-Oct, 23:35
	2-5km ENE	Recorded	2	Projectile	N to S	N/K	11-Oct, 23:35
	2-5km E	Recorded	11	Projectile	N to S	N/K	11-Oct, 23:38
	2-5km E	Recorded	3	Projectile	N to S	N/K	12-Oct, 00:07
	2-5km E	Recorded	2	Projectile	N to S	N/K	12-Oct, 00:16
	2-5km ENE	Recorded	4	Projectile	N to S	N/K	12-Oct, 00:56
	3-5km ENE	Recorded	12	Explosion	Undetermined	N/K	12-Oct, 04:48
	SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	11-Oct, 19:01
	3-5km SSW	Recorded	5	Projectile	WNW to ESE	N/K	11-Oct, 19:44
	3-6km SSW	Recorded	2	Projectile	WNW to ESE	N/K	11-Oct, 20:58
	3-6km SSW	Recorded	1	Muzzle flash		N/K	11-Oct, 20:58
	3-6km SW	Recorded	2	Projectile	WNW to ESE	N/K	11-Oct, 20:59
	3-6km SW	Recorded	9	Projectile	WNW to ESE	N/K	11-Oct, 21:59
	3-6km SW	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 21:59
	3-6km SW	Recorded	6	Projectile	ESE to WNW	N/K	11-Oct, 22:00
	3-6km SW	Recorded	10	Projectile	ESE to WNW	N/K	11-Oct, 22:00

	3-6km SW	Recorded	1	Projectile	ESE to WNW	N/K	11-Oct, 22:03
	3-6km SW	Recorded	2	Projectile	WNW to ESE	N/K	11-Oct, 22:03
	3-6km SW	Recorded	3	Explosion	Undetermined	N/K	11-Oct, 22:03
	1-2km SW	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 03:38
	3-6km SSW	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 04:05
	3-6km SSW	Recorded	2	Projectile	WNW to ESE	N/K	12-Oct, 04:05
	3-6km WSW	Recorded	5	Projectile	ESE to WNW	N/K	12-Oct, 04:08
	3-6km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 04:08
	3-6km SSW	Recorded	2	Projectile	WNW to ESE	N/K	12-Oct, 04:29
	3-6km SSW	Recorded	2	Muzzle flash	Undetermined	N/K	12-Oct, 04:29
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	11-Oct, 18:57
	2-4km ENE	Recorded	4	Projectile	WSW to ENE	N/K	11-Oct, 19:22
	1-2km E	Recorded	4	Projectile	NW to SE	N/K	12-Oct, 01:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km E	Recorded	9	Projectile	NNE to SSW	N/K	11-Oct, 21:21
	2-5km ENE	Recorded	1	Projectile	S to N	N/K	11-Oct, 22:00
	2-5km E	Recorded	1	Projectile	NNE to SSW	N/K	11-Oct, 22:07
	2-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	11-Oct, 22:28
	2-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	11-Oct, 22:50
	2-5km E	Recorded	1	Projectile	NNE to SSW	N/K	12-Oct, 00:47
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	8	Projectile	ENE to WSW	N/K	11-Oct, 21:38
	2-4km NNW	Recorded	2	Explosion	Undetermined	N/K	11-Oct, 21:38
	2-4km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Oct, 21:38
	2-4km N	Recorded	3	Projectile	WSW to ENE	N/K	11-Oct, 21:42
	2-4km N	Recorded	1	Projectile	ENE to WSW	N/K	11-Oct, 21:43
	2-4km N	Recorded	1	Projectile	ENE to WSW	N/K	11-Oct, 21:44
	2-4km N	Recorded	4	Projectile	ENE to WSW	N/K	11-Oct, 21:58
	2-4km N	Recorded	2	Projectile	ENE to WSW	N/K	11-Oct, 21:59

2-4km N	Recorded	8	Projectile	ENE to WSW	N/K	11-Oct, 22:04
2-4km N	Recorded	11	Projectile	ENE to WSW	N/K	11-Oct, 23:29
2-4km N	Recorded	12	Projectile	E to W	N/K	11-Oct, 23:34
2-4km NNE	Recorded	3	Projectile	W to E	N/K	11-Oct, 23:34
2-4km N	Recorded	6	Projectile	E to W	N/K	11-Oct, 23:35
2-4km N	Recorded	12	Projectile	W to E	N/K	11-Oct, 23:36
2-4km N	Recorded	7	Projectile	E to W	N/K	11-Oct, 23:37
2-4km NNE	Recorded	4	Projectile	W to E	N/K	11-Oct, 23:37
2-4km N	Recorded	6	Projectile	W to E	N/K	11-Oct, 23:41
3-4km NNW	Recorded	1	Illumination flare	In vertical flight	N/K	11-Oct, 23:42
3-4km N	Recorded	7	Projectile	W to E	N/K	11-Oct, 23:42
2-4km N	Recorded	3	Projectile	E to W	N/K	11-Oct, 23:43
2-4km NNE	Recorded	2	Projectile	W to E	N/K	11-Oct, 23:43
2-4km N	Recorded	11	Projectile	W to E	N/K	11-Oct, 23:45
2-4km N	Recorded	12	Projectile	E to W	N/K	11-Oct, 23:46
2-4km N	Recorded	2	Projectile	E to W	N/K	11-Oct, 23:58
2-4km N	Recorded	11	Projectile	E to W	N/K	11-Oct, 23:59
2-4km N	Recorded	5	Projectile	W to E	N/K	11-Oct, 23:59
2-4km N	Recorded	11	Projectile	ENE to WSW	N/K	12-Oct, 00:00
2-4km N	Recorded	1	Projectile	WSW to ENE	N/K	12-Oct, 00:00
2-4km N	Recorded	6	Projectile	WSW to ENE	N/K	12-Oct, 00:01
2-4km N	Recorded	12	Projectile	ENE to WSW	N/K	12-Oct, 00:01
2-4km N	Recorded	5	Projectile	WSW to ENE	N/K	12-Oct, 00:02
2-4km N	Recorded	3	Projectile	ENE to WSW	N/K	12-Oct, 00:02
2-4km N	Recorded	16	Projectile	WSW to ENE	N/K	12-Oct, 00:03
2-4km N	Recorded	16	Projectile	ENE to WSW	N/K	12-Oct, 00:03
2-4km N	Recorded	16	Projectile	WSW to ENE	N/K	12-Oct, 00:04

	2-4km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 00:04	
	2-4km N	Recorded	8	Projectile	WSW to ENE	N/K	12-Oct, 00:07	
	2-4km N	Recorded	3	Projectile	ENE to WSW	N/K	12-Oct, 00:10	
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 18:50	
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Oct, 18:50	
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 18:51	
	2-4km S	Recorded	1	Projectile	E to W	N/K	11-Oct, 18:51	
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Oct, 18:53	
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	11-Oct, 18:57	
	2-4km S	Recorded	1	Projectile	E to W	N/K	11-Oct, 18:57	
	1-2km SSE	Recorded	1	Projectile	W to E	N/K	11-Oct, 21:52	
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 21:52	
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 23:32	
	SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	11-Oct, 18:47
		2-4km E	Recorded	1	Burst	N to S	N/K	11-Oct, 18:48
2-4km E		Recorded	18	Projectile	S to N	N/K	11-Oct, 18:49	
2-4km E		Recorded	1	Projectile	S to N	N/K	11-Oct, 18:50	
2-4km E		Recorded	1	Explosion	Undetermined	N/K	11-Oct, 18:50	
2-4km E		Recorded	2	Projectile	In vertical flight	N/K	11-Oct, 18:55	
2-4km E		Recorded	1	Projectile	S to N	N/K	11-Oct, 18:55	
2-4km SE		Recorded	1	Projectile	SSW to NNE	N/K	11-Oct, 18:55	
2-4km E		Recorded	4	Projectile	NW to SE	N/K	11-Oct, 18:56	
2-4km ESE		Recorded	2	Muzzle flash		N/K	11-Oct, 18:56	
2-4km ESE		Recorded	6	Explosion	Undetermined	N/K	11-Oct, 18:56	
2-4km E		Recorded	1	Projectile	NW to SE	N/K	11-Oct, 18:57	
2-4km ESE		Recorded	4	Explosion	Undetermined	N/K	11-Oct, 18:57	
2-4km SE		Recorded	4	Projectile	NW to SE	N/K	11-Oct, 18:57	

2-4km SE	Recorded	4	Projectile	SSW to NNE	N/K	11-Oct, 18:58
2-4km E	Recorded	1	Projectile	NW to SE	N/K	11-Oct, 18:58
2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 18:58
2-4km E	Recorded	1	Projectile	S to N	N/K	11-Oct, 18:59
2-4km E	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 18:59
2-4km E	Recorded	4	Projectile	N to S	N/K	11-Oct, 19:00
2-4km E	Recorded	3	Explosion	Undetermined	N/K	11-Oct, 19:00
2-4km ESE	Recorded	2	Projectile	N to S	N/K	11-Oct, 19:00
2-4km E	Recorded	1	Burst	N to S	N/K	11-Oct, 19:00
2-4km ESE	Recorded	8	Projectile	S to N	N/K	11-Oct, 19:01
2-4km ESE	Recorded	2	Projectile	N to S	N/K	11-Oct, 19:01
2-4km E	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 19:01
2-4km E	Recorded	8	Projectile	S to N	N/K	11-Oct, 19:01
2-4km E	Recorded	2	Projectile	N to S	N/K	11-Oct, 19:01
2-4km E	Recorded	4	Projectile	S to N	N/K	11-Oct, 19:02
2-4km E	Recorded	2	Explosion	Undetermined	N/K	11-Oct, 19:02
2-4km ESE	Recorded	2	Projectile	S to N	N/K	11-Oct, 19:02
2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	11-Oct, 19:02
2-4km ESE	Recorded	2	Projectile	N to S	N/K	11-Oct, 19:02
2-4km E	Recorded	1	Burst	N to S	N/K	11-Oct, 19:03
2-4km ESE	Recorded	1	Projectile	N to S	N/K	11-Oct, 19:03
2-4km E	Recorded	1	Projectile	N to S	N/K	11-Oct, 19:03
2-4km E	Recorded	1	Projectile	S to N	N/K	11-Oct, 19:03
2-4km E	Recorded	2	Projectile	NW to SE	N/K	11-Oct, 19:04
2-4km E	Recorded	3	Explosion	Undetermined	N/K	11-Oct, 19:04
2-4km E	Recorded	9	Projectile	S to N	N/K	11-Oct, 19:04
2-4km ESE	Recorded	1	Projectile	N to S	N/K	11-Oct, 19:04
2-4km E	Recorded	16	Projectile	S to N	N/K	11-Oct, 19:05

	2-4km E	Recorded	1	Explosion	Undetermined	N/K	11-Oct, 19:05
1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	Uncountable	Burst	Uncountable	Small arms	12-Oct, 09:05
	2-3km NW	Heard	1	Burst		Small arms	12-Oct, 10:07
	2-3km NW	Heard	1	Burst		Small arms	12-Oct, 10:12
	2-3km W	Heard	4	Shot		Small arms	12-Oct, 10:30
	2-3km W	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:35
	2-3km W	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:37
	4-5km S	Heard	2	Explosion	Undetermined	N/K	12-Oct, 11:40
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	12-Oct, 14:41
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 09:05
	1-2km SE	Heard	8	Burst		HMG	12-Oct, 09:05
	2-3km S	Heard	4	Explosion	Undetermined	N/K	12-Oct, 10:01
	2-3km S	Heard	8	Explosion	Undetermined	N/K	12-Oct, 10:29-10:40
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 11:05
	2-3km SSE	Heard	2	Explosion	Undetermined	N/K	12-Oct, 14:43
2.2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	500m NW	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	12-Oct, 10:37
2.7km NNW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ESE	Heard		Burst	Uncountable	HMG	12-Oct, 08:45-08:57
	N/K ESE	Heard		Shot	Uncountable	Small arms	12-Oct, 08:45-08:57
1km NNW of entry-exit checkpoint Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-3km NE	Heard	3	Burst		Small arms	12-Oct, 09:35
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:20-10:26
	2-3km NE	Heard	8	Shot		Small arms	12-Oct, 10:20-10:26
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	2-3km NE	Heard	2	Explosion	Undetermined	N/K	12-Oct, 11:40
Mykolaivka (government-controlled, 40km S of Donetsk)	N/K SSE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 12:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	10	Burst		Small arms	11-Oct, 19:10-19:14
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	11-Oct, 19:11-19:15
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	11-Oct, 19:15-19:19

	3-4km SE	Heard	4	Explosion	Undetermined	N/K	11-Oct, 19:20-19:24
	3-4km SE	Heard	8	Explosion	Undetermined	N/K	11-Oct, 19:30-19:32
	2-3km SE	Heard	2	Burst		Small arms	11-Oct, 19:32
	2-3km SE	Heard	5	Burst		Small arms	11-Oct, 20:45-20:47
	5-6km SE	Heard	15	Explosion	Undetermined	N/K	11-Oct, 22:20-22:25
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	11-Oct, 22:36
	4-6km SE	Heard	10	Explosion	Undetermined	N/K	11-Oct, 22:39-22:41
	2-3km SE	Heard	5	Burst		N/K	11-Oct, 22:41-22:42
	4-6km SE	Heard	9	Explosion	Undetermined	N/K	11-Oct, 22:45-22:47
	2-3km SE	Heard	2	Explosion		N/K	12-Oct, 08:25
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 08:45
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 09:45
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:15
	3-4km SE	Heard	2	Burst		HMG	12-Oct, 10:27
	5-6km N	Heard	2	Explosion	Undetermined	N/K	12-Oct, 10:33
	5-6km E	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:37
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 10:50
	5-6km NE	Heard	7	Explosion	Undetermined	N/K	12-Oct, 10:56-11:00
	5-6km NE	Heard	13	Explosion	Undetermined	N/K	12-Oct, 11:20-11:23
	5-6km E	Heard	3	Burst		HMG	12-Oct, 11:25
	5-6km NE	Heard	8	Explosion	Undetermined	N/K	12-Oct, 11:50-11:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km WSW	Heard	2	Explosion	Undetermined	N/K	11-Oct, 19:47
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	4-5km NNE	Heard	2	Explosion	Undetermined	N/K	12-Oct, 11:40
	2-4km N	Heard	1	Explosion	Undetermined	N/K	12-Oct, 13:57
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SSE	Heard	8	Burst		HMG	12-Oct, 09:00
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 09:03
	1km SSE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 09:17
	3-4km NNW	Heard	2	Explosion	Undetermined	N/K	12-Oct, 14:00
	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	12-Oct, 14:23
Kurdiumivka (government-controlled 54km N of Donetsk) 2km ESE	2km E	Heard and saw	1	Explosion	Undetermined	N/K	12-Nov, 11:37

2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	2km SSE	Heard	1	Explosion	Undetermined	N/K	12-Oct, 12:15
	2km SSE	Heard and saw	1	Explosion	Undetermined	N/K	12-Oct, 13:55
	1km NE	Heard	10	Shot		Small arms	12-Oct, 14:00
	2km SSE	Heard and saw	1	Explosion	Undetermined	N/K	12-Oct, 14:23
	2km SE	Heard	2	Explosion	Undetermined	N/K	12-Oct, 14:44
2.6km SSE of Holubivske (non-government-controlled, 51km W of Luhansk)	5-6km NE	Heard	5	Explosion	Undetermined	N/K	12-Oct, 10:10-10:15
	5-6km NE	Heard	8	Burst		Small arms	12-Oct, 10:10-10:15
SE edge of Holubivske (non-government-controlled, 51km W of Luhansk)	4-6km NNE	Heard	44	Explosion	Undetermined	N/K	12-Oct, 10:25-12:00
	4-6km NE	Heard	150	Burst		Small arms	12-Oct, 10:25-12:00
	3-5km NW	Heard	4	Explosion	Undetermined	N/K	12-Oct, 10:25-10:55
NW outskirts of Holubivske (non-government-controlled, 51km W of Luhansk)	5-6km NE	Heard	6	Explosion	Undetermined	N/K	12-Oct, 12:24
Kalynove (non-government-controlled, 60km W of Luhansk)	2-3km SW	Heard	22	Shot		Small arms	12-Oct, 10:28-10:31
SW outskirts of Kalynove (non-government-controlled, 60km W of Luhansk)	6-9km WSW	Heard	11	Explosion	Undetermined	N/K	12-Oct, 11:09-11:15
E edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km NE	Heard	4	Explosion	Undetermined	N/K	12-Oct, 10:16-10:26
	3-5km NE	Heard	1	Burst		HMG	12-Oct, 10:16-10:26
	6-10km ENE	Heard	26	Explosion	Undetermined	N/K	12-Oct, 10:16-10:26
SSE outskirts of Popasna (government-controlled, 69km W of Luhansk)	4-6km NE	Heard	18	Burst		N/K	12-Oct, 10:42-10:46
	6-12km NE	Heard	27	Explosion	Undetermined	N/K	12-Oct, 10:42-10:46
	6-12km NE	Heard	1	Salvo	Outgoing	MLRS (type N/K)	12-Oct, 10:42-10:46
SE outskirts of Popasna (government-controlled, 69km W of Luhansk)	3-5km NE	Heard	6	Shot		Small arms	12-Oct, 11:54-12:00
	10-15km SE	Heard	11	Explosion	Undetermined	N/K	12-Oct, 11:54-12:00
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	5-7km NNE	Heard	12	Explosion	Undetermined	N/K	12-Oct, 10:15-10:35
Nyzhnie (government-controlled, 56km NW of Luhansk)	3-5km SE	Heard	68	Explosion	Undetermined	N/K	12-Oct, 10:10-10:28
	3-5km SE	Heard	67	Burst		N/K	12-Oct, 10:10-10:28
	3-5km SE	Heard	7	Explosion	Undetermined	N/K	12-Oct, 10:36-10:41

	3-5km SE	Heard	14	Burst		N/K	12-Oct, 10:36-10:41
	3-5km SE	Heard	6	Explosion	Undetermined	N/K	12-Oct, 10:50-11:04
S edge of the Zolote disengagement area (non-government-controlled, 58km W of Luhansk)	3-7km NNE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Oct, 10:55-10:59
2km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	2-3km SSW	Heard	4	Explosion	Outgoing (assessed as outside the disengagement area)	N/K	12-Oct, 11:05-11:07
	300m W	Heard and saw	1	Explosion	Impact (assessed as outside the disengagement area)	Artillery (type N/K)	12-Oct, 11:23
N edge of the Zolote disengagement area (non-government-controlled, 58km W of Luhansk)	10-13km ENE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Oct, 10:05
	10-12km ENE	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Oct, 10:15-10:55
	3-4km ENE	Heard	16	Shot	Assessed as outside the disengagement area	IFV (BMP-2) cannon 30mm)	12-Oct, 10:15-10:55
	2-3km ENE	Heard	10	Burst	Assessed as outside the disengagement area	HMG	12-Oct, 10:15-10:55
	2-3km ENE	Heard	12	Shot	Assessed as outside the disengagement area	Small arms	12-Oct, 10:15-10:55
2km S of Muratove (government-controlled, 51km NW of Luhansk)	5-7km S	Heard	6	Explosion	Undetermined	N/K	12-Oct, 10:48-10:53
	5-10km WSW	Heard	1	Explosion	Undetermined	N/K	12-Oct, 11:02
Krasnyi Lyman (non-government-controlled, 30km NW of Luhansk)	8-10km NNW	Heard	1	Explosion	Undetermined	N/A	12-Oct, 13:19

Map of Donetsk and Luhansk regions²



² The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations).