

Table of ceasefire violations as of 8 November 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km S	Recorded	1	Projectile	W to E	N/K	8-Nov, 02:45
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	7-Nov, 18:46
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	4	Projectile	W to E	N/K	7-Nov, 18:19
	2-3km SSW	Recorded	3	Projectile	WNW to ESE	N/K	7-Nov, 18:31
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	7-Nov, 18:53
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	7-Nov, 18:55
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	7-Nov, 19:28
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	7-Nov, 19:46
	3-5km SW	Recorded	1	Explosion	Undetermined	N/K	7-Nov, 21:15
	2-4km SW	Recorded	1	Projectile	W to E	N/K	7-Nov, 21:34
	3-5km S	Recorded	1	Projectile	SE to NW	N/K	7-Nov, 22:40
	3-5km SW	Recorded	1	Explosion	Undetermined	N/K	8-Nov, 02:11
	3-5km SW	Recorded	3	Projectile	WNW to ESE	N/K	8-Nov, 05:31
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ENE	Recorded	1	Projectile	N to S	N/K	7-Nov, 18:29
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	7-Nov, 18:57
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	7-Nov, 18:57
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	7-Nov, 18:57
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	7-Nov, 18:58
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	7-Nov, 19:03
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	7-Nov, 19:03
	2-4km E	Recorded	2	Projectile	N to S	N/K	7-Nov, 19:03
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	7-Nov, 19:05
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	7-Nov, 19:06
	2-4km	Recorded	1	Projectile	S to N	N/K	7-Nov,

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.

	ENE					19:10	
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	7-Nov, 19:11
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	7-Nov, 19:19
	2-4km E	Recorded	1	Projectile	S to N	N/K	7-Nov, 19:20
	2-4km ENE	Recorded	1	Explosion	Incoming	N/K	7-Nov, 19:20
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	7-Nov, 19:26
	3-5km ENE	Recorded	5	Projectile	NW to SE	N/K	7-Nov, 20:14
	3-5km ENE	Recorded	2	Projectile	NW to SE	N/K	7-Nov, 20:15
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 20:16
	3-5km E	Recorded	4	Projectile	NW to SE	N/K	7-Nov, 21:28
	3-5km E	Recorded	2	Projectile	SW to NE	N/K	7-Nov, 21:28
	3-5km E	Recorded	3	Projectile	NW to SE	N/K	7-Nov, 21:29
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 21:32
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 21:35
	3-5km ENE	Recorded	4	Projectile	NW to SE	N/K	7-Nov, 21:36
	3-5km ENE	Recorded	2	Projectile	N to S	N/K	7-Nov, 21:37
	3-5km ENE	Recorded	3	Projectile	SW to NE	N/K	8-Nov, 00:23
	3-5km ENE	Recorded	4	Projectile	NW to SE	N/K	8-Nov, 03:12
	3-5km ENE	Recorded	4	Projectile	NW to SE	N/K	8-Nov, 03:23
	3-5km ENE	Recorded	2	Projectile	SW to NE	N/K	8-Nov, 03:23
	3-5km ENE	Recorded	3	Projectile	SW to NE	N/K	8-Nov, 03:24
	3-5km ENE	Recorded	2	Muzzle flash		N/K	8-Nov, 03:24
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km ENE	Recorded	3	Projectile	S to N	N/K	7-Nov, 19:00
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km ENE	Recorded	1	Projectile	S to N	N/K	7-Nov, 23:55
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	5	Projectile	E to W	N/K	7-Nov, 20:39
	2-4km N	Recorded	1	Projectile	E to W	N/K	7-Nov, 21:01
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	7-Nov, 21:23
	2-4km NNE	Recorded	3	Projectile	E to W	N/K	7-Nov, 23:12
	2-4km NNE	Recorded	9	Projectile	E to W	N/K	8-Nov, 00:37

SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km NNE	Recorded	3	Projectile	SE to NW	N/K	7-Nov, 21:29
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km SE	Recorded	4	Projectile	W to E	N/K	7-Nov, 21:02
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	7-Nov, 21:14
	2-4km SE	Recorded	1	Projectile	E to W	N/K	7-Nov, 21:23
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	8-Nov, 01:35
	2-4km SE	Recorded	3	Explosion	Undetermined	N/K	8-Nov, 01:39
	2-4km SE	Recorded	4	Projectile	W to E	N/K	8-Nov, 01:39
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Recorded	6	Projectile	NW to SE	N/K	7-Nov, 18:32
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	7-Nov, 18:32
	3-5km SE	Recorded	20	Projectile	NW to SE	N/K	7-Nov, 18:33
	3-5km SE	Recorded	5	Projectile	SW to NE	N/K	7-Nov, 18:33
	2-3km E	Recorded	1	Explosion	Undetermined	N/K	7-Nov, 19:23
	2-3km E	Recorded	2	Projectile	E to W	N/K	7-Nov, 19:23
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	4-5km E	Heard	1	Explosion	Undetermined	N/K	8-Nov, 10:02
	2-3km NW	Heard	1	Burst		Small arms	8-Nov, 14:37
	2-3km NW	Heard	1	Shot	Undetermined	AGL	8-Nov, 14:37
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3km SE	Heard	16	Shot	Assessed as outside the disengagement area	Small arms	8-Nov, 09:46-09:55
	2-4km E	Heard	49	Shot	Assessed as outside the disengagement area	Small arms	8-Nov, 09:58-10:12
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1km SW	Heard	5	Shot		Small arms	8-Nov, 11:05
	2km WSW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:19
	1km SW	Heard	1	Shot		Small arms	8-Nov, 11:25
	3-5km S	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:25
	2-3km WSW	Heard	3	Shot		Small arms	8-Nov, 11:42
	2-3km WSW	Heard	2	Shot		Small arms	8-Nov, 11:47
	2-3km WSW	Heard	14	Shot		Small arms	8-Nov, 13:01-13:02
	5km WSW	Heard	2	Explosion	Undetermined	N/K	8-Nov, 13:05-13:06
	2-3km WSW	Heard	2	Shot		Small arms	8-Nov, 13:08
	5km WSW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 13:10
	2-3km WSW	Heard	1	Shot		Small arms	8-Nov, 13:12

	2-3km SW	Heard	1	Shot		Small arms	8-Nov, 13:15
	5-10km N	Heard	1	Explosion	Undetermined	N/K	8-Nov, 13:16
	5-10km SW	Heard	2	Explosion	Undetermined	N/K	8-Nov, 13:19
	2km W	Heard	1	Shot		Small arms	8-Nov, 13:21
	5km SW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 13:27
	3-5km SW	Heard	20	Burst		Small arms	8-Nov, 13:38-13:39
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 13:41
	2-3km SW	Heard	1	Shot		Small arms	8-Nov, 13:44
Berezove (government-controlled, 31km SW of Donetsk)	N/K NE	Heard	1	Explosion		N/K	8-Nov, 09:56
Sopyne (government-controlled, 16km E of Mariupol)	N/K NE	Heard	8	Burst		HMG	8-Nov, 11:22-11:23
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	3km E	Heard	4	Burst		HMG	8-Nov, 11:50-11:52
	3km NE	Heard	1	Explosion	Impact	N/K	8-Nov, 11:50-11:52
	3km E	Heard	13	Burst		HMG	8-Nov, 11:53-12:06
	3km NE	Heard	7	Explosion	Impact	N/K	8-Nov, 11:53-12:06
	3km E	Heard	6	Shot		Small arms	8-Nov, 11:53-12:06
	3km E	Heard	7	Burst		HMG	8-Nov, 12:08-12:20
	4-5km ENE	Heard	10	Burst		HMG	8-Nov, 12:08-12:20
	3km E	Heard	9	Shot		Small arms	8-Nov, 12:08-12:20
	3km E	Heard	10	Burst		HMG	8-Nov, 12:23-12:28
	2km NE	Heard	46	Burst		HMG	8-Nov, 12:23-12:28
	2km NE	Heard	2	Explosion	Impact	Mortar (type N/K)	8-Nov, 12:23-12:28
	2km NE	Heard	31	Burst		HMG	8-Nov, 12:30-12:34
	2km NE	Heard	1	Explosion	Impact	Mortar (type N/K)	8-Nov, 12:30-12:34
	3km E	Heard	26	Burst		HMG	8-Nov, 12:30-12:34
	3km NE	Heard	26	Burst		HMG	8-Nov, 12:35-12:46
	3km E	Heard	14	Burst		HMG	8-Nov, 12:35-12:46
	2km NE	Heard	1	Explosion	Impact	N/K	8-Nov, 12:35-12:46
	3km E	Heard	12	Shot		Small arms	8-Nov, 12:50-12:53
3km NE	Heard	3	Burst		HMG	8-Nov, 12:50-12:53	
2km SW of Pyshchevyk (government-	2-3km NE	Heard	3	Burst		Small arms	8-Nov, 12:33-12:35
	2-3km NE	Heard	6	Shot		Small arms	8-Nov,

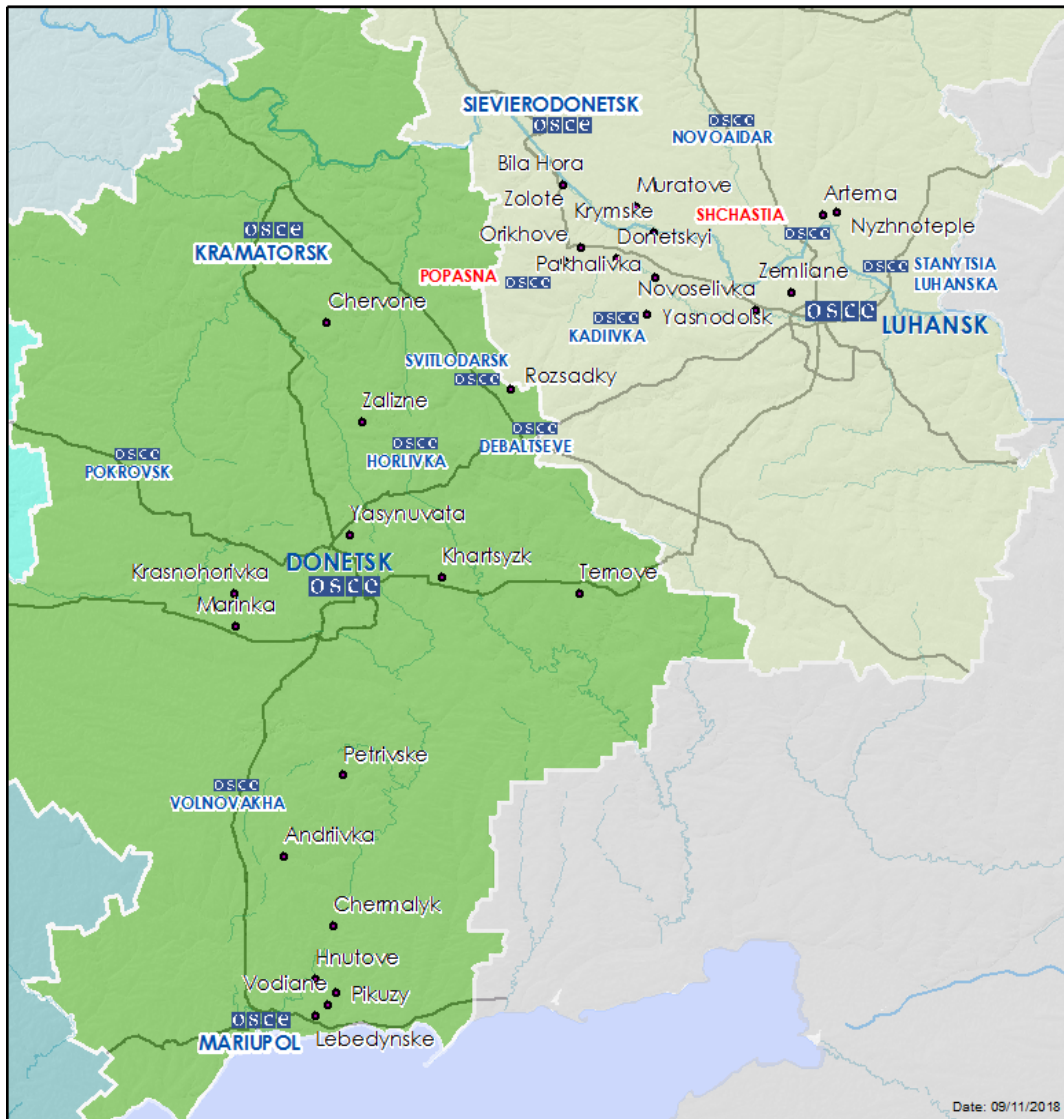
controlled, 25km NE of Mariupol)							12:33-12:35
	2-3km NE	Heard	20	Shot		Small arms	8-Nov, 12:36-12:38
	2-3km NE	Heard	5	Burst		Small arms	8-Nov, 12:36-12:38
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	8-Nov, 12:36-12:38
1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol)	2-3km NE	Heard	2	Shot		Small arms	8-Nov, 12:42
	2-3km NE	Heard	3	Shot		Small arms	8-Nov, 12:49-12:52
Chermalyk (government-controlled, 31km NE of Mariupol)	3km S	Heard	2	Explosion	Undetermined	N/K	8-Nov, 13:20-13:21
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard	8	Explosion	Undetermined	N/K	7-Nov, 18:30-18:36
	4-6km SE	Heard	18	Burst		Small arms	7-Nov, 18:31-18:32
	4-6km SE	Heard	32	Burst		Small arms	7-Nov, 18:38-18:39
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 18:39
	4-6km SE	Heard	9	Explosion	Undetermined	N/K	7-Nov, 18:48-18:53
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	7-Nov, 19:02-19:04
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 19:17
	5-7km SE	Heard	2	Explosion	Undetermined	N/K	7-Nov, 19:22
	3-5km SE	Heard	7	Shot		Small arms	7-Nov, 19:31
	3-5km SE	Heard	4	Burst		Small arms	7-Nov, 19:31
	4-6km SE	Heard	27	Shot		Small arms	7-Nov, 21:45
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 22:00
	3-5km SE	Heard	9	Burst		Small arms	7-Nov, 22:10
	3-5km SE	Heard	3	Burst		Small arms	7-Nov, 22:45
	3-5km SE	Heard	17	Burst		Small arms	7-Nov, 22:58
	3-5km SE	Heard	11	Burst		Small arms	7-Nov, 23:08
	2-4km SSW	Heard	4	Burst		Small arms	7-Nov, 23:14
	3-5km SE	Heard	4	Burst		Small arms	7-Nov, 23:25
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	7-Nov, 23:32
	2-4km SE	Heard	14	Burst		Small arms	7-Nov, 23:36-23:38
	2-4km SE	Heard	60	Burst		Small arms	7-Nov, 23:44-23:48
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 10:00
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	8-Nov, 12:10
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	8-Nov, 12:18
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	8-Nov,

							13:14
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	8-Nov, 13:26
	5km SE	Heard	14	Burst		HMG	8-Nov, 15:33
	5-6km SE	Heard	13	Explosion	Undetermined	N/K	8-Nov, 16:17
	2-3km SE	Heard	11	Shot		Small arms	8-Nov, 16:46
	2-3km SE	Heard	12	Burst		Small arms	8-Nov, 16:49
	5-6km SE	Heard	8	Explosion	Undetermined	N/K	8-Nov, 16:52
Toretsk (government-controlled, 43km N of Donetsk)	4-5km ENE	Heard	5	Explosion	Undetermined	N/K	8-Nov, 11:34-11:37
E edge of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:42
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	5-6km NNE	Heard	5	Explosion	Undetermined	N/K	8-Nov, 12:37
	2-3km NNE	Heard	2	Burst		HMG	8-Nov, 12:44
	5-6km NNE	Heard	4	Explosion	Undetermined	N/K	8-Nov, 12:45
	5-6km NNE	Heard	3	Explosion	Undetermined	N/K	8-Nov, 13:00
Novobakhmutivka (government-controlled, 29km NW of Donetsk)	4-5km ENE	Heard	3	Explosion	Undetermined	N/K	8-Nov, 12:35
N edge of Horlivka (non-government controlled, 39km NE of Donetsk)	2-3km NNE	Heard	2	Explosion	Undetermined	N/K	8-Nov, 13:00
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km N	Heard	22	Explosion	Undetermined	N/K	8-Nov, 03:50-04:12
About 1km north of Zolote (government-controlled, 62km W of Luhansk)	5-8km ESE	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 09:45-10:15
	5-8km SW	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 09:45-10:15
	2-3km SW	Heard	2	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 09:45-10:15

					area)		
	1-3km S	Heard	12	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 09:45-10:15
	1-2km SE	Heard	2	Explosion	Impact (assessed as outside the disengagement area)	N/K	8-Nov, 09:45-10:15
	3-5km NW	Heard	6	Shot	Assessed as outside the disengagement area	HMG	8-Nov, 09:45-10:15
	2-3km S	Heard	2	Shot	Unable to assess whether inside or outside the disengagement area	HMG	8-Nov, 09:45-10:15
N edge of Zolote-Pervomaisk DA 2 (government-controlled, 60km W of Luhansk)	5-8km S	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	8-Nov, 11:58
Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km W	Heard	10	Explosion	Undetermined	N/K	8-Nov, 09:52-10:12
	1-2km NW	Heard	3	Shot		Small arms	8-Nov, 10:05-10:12
	1-2km NW	Heard	2	Shot		Small arms	8-Nov, 10:15-10:18
Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1km NW	Heard	15	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	8-Nov, 09:55-10:10
	10-12km ENE	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:59
	5-7km SW	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	8-Nov, 12:20
	3-5km N	Heard	8	Explosion	Undetermined	N/K	8-Nov, 13:00-13:10
About 2km NW of Kapitanove (government-controlled, 49km NW of Luhansk)	8-10km SSW	Heard	6	Explosion	Undetermined	N/K	8-Nov, 09:55-10:05
Almazna (non-government-controlled, 55km W of Luhansk)	8-12km SW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:40
2.5km SE of Almazna (non-government-controlled, 55km W of Luhansk)	8-10km SW	Heard	2	Explosion	Undetermined	N/K	8-Nov, 12:02-12:14
NW edge of Trokhizbenka (government-controlled, 32km	5km SW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 11:58

NW of Luhansk)							
1.4km N of Trokhizbenka (government-controlled, 32km NW of Luhansk)	10km WSW	Heard	1	Explosion	Undetermined	N/K	8-Nov, 12:50
N edge of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-8km S	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 13:01
	4-5km S	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 13:15
	4-5km S	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Nov, 13:22
	4-5km W	Heard	25	Shot		Small arms	8-Nov, 13:15-13:17
About 3km SW of Yuzhna Lomuvatka (non-government-controlled, 60km W of Luhansk)	6-8km NW	Heard	10	Bursts		HMG	8-Nov, 13:15-13:25
	6-8km NW	Heard	15	Bursts		Cannon (type undetermined)	8-Nov, 13:15-13:25

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).