

Table of ceasefire violations as of 19 November 2018¹

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	Explosion	Undetermined	N/K	19-Nov, 16:18
	2-4km SE	Recorded	1	Explosion	Outgoing	N/K	19-Nov, 16:23
	2-4km SE	Recorded	1	Projectile	W to E	N/K	19-Nov, 16:23
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	19-Nov, 17:47
	2-4km ESE	Recorded	1	Projectile	W to E	N/K	19-Nov, 18:17
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-7km S	Recorded	3	Projectile	SW to NE	N/K	18-Nov, 18:35
	2-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	18-Nov, 18:46
	2-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	18-Nov, 18:48
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	18-Nov, 18:53
	2-5km SSE	Recorded	1	Muzzle flash		N/K	18-Nov, 18:53
	2-5km SSE	Recorded	5	Projectile	WSW to ENE	N/K	18-Nov, 18:57
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	18-Nov, 19:13
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	18-Nov, 19:14
	2-5km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 19:29
	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 19:36
	2-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	18-Nov, 19:37
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	18-Nov, 20:21
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 20:22
	2-4km SE	Recorded	1	Explosion	Airburst	N/K	18-Nov, 20:22
	2-4km ESE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 20:23
	2-4km SSE	Recorded	11	Projectile	WSW to ENE	N/K	18-Nov, 20:27
	2-4km SE	Recorded	15	Projectile	WSW to ENE	N/K	18-Nov, 20:28
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 20:35
	2-4km SSE	Recorded	18	Projectile	ENE to WSW	N/K	18-Nov, 20:36
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	18-Nov, 20:36
	2-4km SSE	Recorded	8	Projectile	WSW to ENE	N/K	18-Nov, 20:37
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 20:37
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 20:39
	N/K SSE	Recorded	12	Projectile	WSW to ENE	N/K	18-Nov, 20:40
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	18-Nov, 20:40
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	18-Nov, 20:41

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.

	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 20:42
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	18-Nov, 20:43
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 20:44
	2-4km SSE	Recorded	11	Projectile	WSW to ENE	N/K	18-Nov, 20:44
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 20:57
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 21:06
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 21:09
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 21:12
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	18-Nov, 21:15
	2-4km S	Recorded	1	Illumination flare	ENE to WSW	N/K	18-Nov, 22:01
	3-5km S	Recorded	1	Illumination flare	W to E	N/K	18-Nov, 22:12
	3-5km S	Recorded	1	Illumination flare	W to E	N/K	18-Nov, 22:13
	3-5km SE	Recorded	3	Projectile	W to E	N/K	18-Nov, 22:17
	3-5km SE	Recorded	1	Explosion	Impact	N/K	18-Nov, 22:17
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 22:31
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 22:32
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 22:33
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 22:59
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 23:13
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 23:14
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-Nov, 23:36
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Nov, 23:46
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	18-Nov, 23:46
	2-4km SE	Recorded	4	Projectile	WSW to ENE	N/K	18-Nov, 23:47
	2-4km SE	Recorded	23	Projectile	WSW to ENE	N/K	18-Nov, 23:48
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	19-Nov, 00:04
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	19-Nov, 00:06
	2-4km SE	Recorded	6	Projectile	WSW to ENE	N/K	19-Nov, 01:39
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	19-Nov, 02:44
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	19-Nov, 02:45
	2-4km SSE	Recorded	8	Projectile	W to E	N/K	19-Nov, 02:47
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	19-Nov, 02:48
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	19-Nov, 04:45
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	19-Nov, 04:46
	3-5km S	Recorded	4	Projectile	ENE to WSW	N/K	19-Nov, 17:59
	3-5km SSE	Recorded	8	Projectile	WSW to ENE	N/K	19-Nov, 18:16
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SW	Recorded	2	Projectile	W to E	N/K	18-Nov, 17:38
	3-5km SW	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 18:50
	3-5km SW	Recorded	9	Projectile	W to E	N/K	18-Nov, 18:50
	1-3km SW	Recorded	2	Projectile	NW to SE	N/K	18-Nov, 19:59
	1-3km SW	Recorded	2	Projectile	ENE to WSW	N/K	18-Nov, 20:37
	1-2km S	Recorded	3	Projectile	ENE to WSW	N/K	19-Nov, 01:16

	1-2km S	Recorded	2	Projectile	SE to NW	N/K	19-Nov, 03:54
	1-2km S	Recorded	2	Projectile	E to W	N/K	19-Nov, 04:22
	1-3km SSW	Recorded	1	Projectile		N/K	19-Nov, 16:45
	1-3km SSW	Recorded	1	Projectile		N/K	19-Nov, 16:50
	1-3km SSW	Recorded	3	Projectile		N/K	19-Nov, 17:10
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ENE	Recorded	3	Projectile	S to N	N/K	18-Nov, 18:31
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	18-Nov, 19:20
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NE	Recorded	2	Illumination flare	In vertical flight	N/K	18-Nov, 21:58
	2-4km NE	Recorded	1	Projectile	SW to NE	N/K	19-Nov, 16:46
	2-4km NE	Recorded	2	Projectile	SW to NE	N/K	19-Nov, 16:47
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	19-Nov, 17:25
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	19-Nov, 17:28
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	19-Nov, 17:30
	3-5km NE	Recorded	10	Projectile	NW to SE	N/K	19-Nov, 17:43
	3-5km NE	Recorded	13	Projectile	NW to SE	N/K	19-Nov, 17:44
	3-5km NE	Recorded	6	Projectile	NW to SE	N/K	19-Nov, 17:45
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	19-Nov, 17:46
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	19-Nov, 17:46
	3-5km ENE	Recorded	1	Projectile	SE to NW	N/K	19-Nov, 17:50
	3-5km NE	Recorded	2	Muzzle flash		N/K	19-Nov, 18:09
	SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	3	Projectile	S to N	N/K
2-4km ENE		Recorded	3	Projectile	N to S	N/K	18-Nov, 21:19
2-4km ENE		Recorded	1	Projectile	N to S	N/K	18-Nov, 22:57
1-3km ENE		Recorded	2	Projectile	NW to SE	N/K	19-Nov, 16:25
1-3km ENE		Recorded	9	Projectile	NW to SE	N/K	19-Nov, 16:27
2-3km ENE		Recorded	1	Explosion	Airburst	N/K	19-Nov, 16:46
2-3km ENE		Recorded	1	Projectile	NW to SE	N/K	19-Nov, 16:46
1-3km E		Recorded	1	Projectile	In vertical flight	N/K	19-Nov, 18:27
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NE	Recorded	2	Projectile	S to N	N/K	19-Nov, 18:11
SMM camera at entry-exit checkpoint in Pyshevyk	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Nov, 21:32
	1-3km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	18-Nov, 22:03

(government-controlled, 25km NE of Mariupol)	1-3km SSE	Recorded	1	Projectile	W to E	N/K	18-Nov, 23:07
	1-3km SSE	Recorded	1	Projectile	E to W	N/K	19-Nov, 00:55
	1-3km SSE	Recorded	1	Projectile	E to W	N/K	19-Nov, 01:31
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	19-Nov, 17:37
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	19-Nov, 17:59
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	1	Projectile	N to S (de-conflicted)	N/K	18-Nov, 21:11
2.4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	2-3km NNW	Heard	2	Explosion	Undetermined	N/K	19-Nov, 13:37
800m S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	3-4km W	Heard	8	Burst		HMG	19-Nov, 14:20
Central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city centre)	2-3km N	Heard	2	Explosion	Undetermined	N/K	19-Nov, 09:58
	3-4km ENE	Heard	2	Explosion	Undetermined	N/K	19-Nov, 10:04
	2-3km N	Heard	2	Explosion	Undetermined	N/K	19-Nov, 10:06
	5-6km ENE	Heard	6	Explosion	Undetermined	N/K	19-Nov, 10:07
2.2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SSE	Heard	3	Burst	Assessed outside the disengagement area	HMG	19-Nov, 09:23
	2-3km SSE	Heard	2	Burst	Assessed outside the disengagement area	Small arms	19-Nov, 09:35
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NNE	Heard	9	Burst		HMG	19-Nov, 09:43
	1-2km NNE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 09:43
	1-2km NNE	Heard	2	Burst		HMG	19-Nov, 09:48
	1-2km SE	Heard	2	Explosion	Undetermined	N/K	19-Nov, 10:02
	2-4km NNE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 12:18
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	2km E	Heard	3	Explosion	Undetermined	N/K	19-Nov, 09:33-09:36
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	4	Explosion	Undetermined	Mortar (type N/K)	19-Nov, 09:32-10:00
	N/K NNE	Heard	2	Explosion	Undetermined	Mortar (type N/K)	19-Nov, 09:32-10:00
1km SW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K E	Heard	1	Explosion	Undetermined	N/K	19-Nov, 10:31
	N/K ENE	Heard	2	Explosion	Undetermined	N/K	19-Nov, 10:50
	3km ENE	Saw	1	Explosion	Airburst	Mortar (type N/K)	19-Nov, 10:55
	N/K ENE	Heard	19	Explosion	Undetermined	N/K	19-Nov, 10:59-11:02

2km SW of entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2km E	Heard	5	Explosion	Undetermined	N/K	19-Nov, 10:38-10:41
1km NNW of entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2km SE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 10:55
	2km SE	Heard	3	Explosion	Undetermined	N/K	19-Nov, 10:58-11:02
	2km SE	Heard	1	Burst		Small arms	19-Nov, 10:58-11:02
	2km SE	Heard	3	Shot		Small arms	19-Nov, 10:58-11:02
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	19-Nov, 11:10-11:13
Sopyne (government-controlled, 16km E of Mariupol)	N/K NNE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 11:05
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km SE	Heard	8	Explosion	Undetermined	N/K	18-Nov, 19:20-19:30
	3-5km SE	Heard	13	Burst		HMG	18-Nov, 19:21-19:30
	3-5km SE	Heard	1	Burst		HMG	18-Nov, 19:53
	4-5km SE	Heard	3	Burst		HMG	18-Nov, 20:08
	4-6km E	Heard	4	Burst		HMG	18-Nov, 21:19
	4-6km SE	Heard	3	Burst		HMG	18-Nov, 21:22
	6-8km SE	Heard	1	Explosion	Undetermined	N/K	18-Nov, 21:24
	4-6km E	Heard	8	Burst		HMG	18-Nov, 21:29-21:30
	4-6km E	Heard	9	Burst		HMG	18-Nov, 21:33-21:34
	6-8km SE	Heard	3	Explosion	Undetermined	N/K	18-Nov, 21:41
	6-8km E	Heard	1	Explosion	Undetermined	N/K	18-Nov, 21:43
	6-8km E	Heard	1	Explosion	Undetermined	N/K	18-Nov, 21:52
	4-6km S	Heard	1	Burst		HMG	18-Nov, 22:35
	4-6km E	Heard	1	Burst		HMG	18-Nov, 22:45
	4-6km SE	Heard	2	Burst		HMG	18-Nov, 22:51
	4-6km E	Heard	2	Burst		HMG	18-Nov, 23:04
	4-6km E	Heard	1	Burst		HMG	18-Nov, 23:09
	4-6km E	Heard	2	Burst		HMG	18-Nov, 23:11
	4-6km E	Heard	2	Burst		HMG	18-Nov, 23:37
	4-6km SE	Heard	4	Burst		HMG	18-Nov, 23:40
	4-6km SE	Heard	2	Burst		HMG	18-Nov, 23:42
	6-8km S	Heard	1	Explosion	Undetermined	N/K	18-Nov, 23:43
	4-6km E	Heard	3	Burst		HMG	18-Nov, 23:47
	4-6km E	Heard	2	Burst		HMG	18-Nov, 23:55
	5-8km SE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 09:33
	3-5km SE	Heard	4	Burst		HMG	19-Nov, 09:34
	5-6km E	Heard	3	Explosion	Undetermined	N/K	19-Nov, 09:53
	3-5km SE	Heard	7	Burst		HMG	19-Nov, 16:34-16:40
	4-6km SE	Heard	8	Explosion	Undetermined	N/K	19-Nov, 16:47-16:50
	3-5km E	Heard	20	Burst		HMG	19-Nov, 16:50-16:53
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	19-Nov, 16:56-17:00
	3-5km SE	Heard		Burst	Uncountable overlapping	HMG	19-Nov, 16:56-17:00
3-5km SE	Heard	36	Burst		HMG	19-Nov, 17:02-17:06	
3-5km SE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 17:04	
3-5km SE	Heard	20	Shot		Small arms	19-Nov, 17:12-17:14	

	4-6km ESE	Heard	5	Burst		HMG	19-Nov, 17:43
	4-6km ENE	Heard	3	Burst		HMG	19-Nov, 17:46
	4-6km E	Heard	8	Burst		HMG	19-Nov, 18:16-18:21
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SSW	Heard	55	Burst		Small arms	18-Nov, 18:47-18:55
	3-5km SSW	Heard	14	Shot		Small arms	18-Nov, 18:50-18:53
	3-5km SSW	Heard	3	Burst		HMG	18-Nov, 23:33
	3-5km W	Heard	6	Burst		Small arms	19-Nov, 06:25
E edge of Kamianka (government-controlled, 20km N of Donetsk)	3km E	Heard	5	Burst		HMG	19-Nov, 09:40
	5-6km SSW	Heard	2	Explosion	Undetermined	N/K	19-Nov, 11:44
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	19-Nov, 11:57
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	19-Nov, 11:58
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	19-Nov, 12:01
	5-6km SSW	Heard	2	Explosion	Undetermined	N/K	19-Nov, 12:08
	5-6km SSW	Heard	3	Explosion	Undetermined	N/K	19-Nov, 13:19
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 13:56
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-5km ESE	Recorded	2	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	18-Nov, 18:39
	2-4km ESE	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	18-Nov, 23:17
	2-4km ESE	Recorded	2	Projectile	SSE to NNW (assessed as outside the disengagement area)	N/K	18-Nov, 23:17
	2-4km ENE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	19-Nov, 17:08
	2-4km ENE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	19-Nov, 17:08
	2-4km ENE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	19-Nov, 17:36
	2-4km ENE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	19-Nov, 17:36
E edge of Stanytsia Luhanska (government-	3-5km S	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	18-Nov, 19:10-19:34

controlled, 16km NE of Luhansk)							
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	6-12km N	Heard	66	Explosion	Undetermined	N/K	18-Nov, 18:58-20:51
	13-15km N	Heard	77	Burst		HMG	18-Nov, 18:58-20:51
	10-12km N	Heard	21	Explosion	Undetermined	N/K	18-Nov, 21:20-21:49
	13-15km N	Heard	64	Burst		HMG	18-Nov, 21:20-21:49
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	18-Nov, 23:16
	4-6km E	Recorded	2	Explosion	Airburst	N/K	19-Nov, 17:09
	6-8km E	Recorded	1	Explosion	Undetermined	N/K	19-Nov, 17:37
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-5km SSW	Recorded	2	Explosion	Undetermined	N/K	19-Nov, 04:06
NE edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	5-7km NNE	Heard	24	Explosion	Undetermined	N/K	19-Nov, 08:58-09:10
	5-7km NNE	Heard	34	Burst		HMG	19-Nov, 08:58-09:10
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	4-5km E	Heard	82	Burst		HMG	19-Nov, 09:20-09:30
	4-5km E	Heard	31	Burst		Cannon (30mm)	19-Nov, 09:20-09:30
	4-5km E	Heard	11	Shot		Small arms	19-Nov, 09:20-09:30
	3-4km SE	Heard	40	Explosion	Undetermined	Mortar (type N/K)	19-Nov, 09:20-09:50
	3-4km SE	Heard	1	Burst		Cannon (30mm)	19-Nov, 09:20-09:50
Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km NNE	Heard	12	Explosion	Undetermined	N/K	19-Nov, 09:50-10:05
	3-5km NNE	Heard	18	Burst		HMG	19-Nov, 09:50-10:05
	3-5km NNE	Heard	4	Burst		Cannon (30mm)	19-Nov, 09:50-10:05
1.5km S of Muratove (government-controlled, 51km NW of Luhansk)	1-2km S	Heard	55	Burst		HMG	19-Nov, 09:56-10:10
NW edge of Irmino (non-government-controlled, 54km W of Luhansk)	4-5km SSW	Heard	5	Explosion	Undetermined	N/K	19-Nov, 10:00-10:15
	4-5km SSW	Heard	1	Burst		Cannon (30mm)	19-Nov, 10:00-10:15
	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	19-Nov, 10:23
W edge of Artema (government-controlled, 26km N of Luhansk)	6-8km WSW	Heard	2	Explosion	Undetermined	N/K	19-Nov, 10:25
	6-8km WSW	Heard	5	Explosion	Undetermined	N/K	19-Nov, 10:41-10:44
Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Nov, 10:15
	5km SW	Heard	1	Explosion	Undetermined	N/K	19-Nov, 11:15-

					(assessed as outside the disengagement area)		11:30
Khrystove (non-government-controlled, 18km N of Luhansk)	10-15km W	Heard	11	Explosion	Undetermined	N/K	19-Nov, 11:42-11:45
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	5-6km SSW	Heard	7	Burst		HMG	19-Nov, 12:07-12:18
NE edge of Shchastia (government-controlled, 20km N of Luhansk)	2-3km SE	Heard	1	Burst		HMG	19-Nov, 13:20

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).