

**Table of ceasefire violations as of 25 November 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	23-Nov, 19:10
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	23-Nov, 18:43
	2-4km SSW	Recorded	12	Projectile	W to E	N/K	23-Nov, 19:43
	0.2-0.3km S	Recorded	1	Projectile	E to W	N/K	24-Nov, 03:12
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	24-Nov, 18:48
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 19:08
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	24-Nov, 02:33
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (in vertical flight)	N/K	24-Nov, 02:33
	2-4km ESE	Recorded	2	Muzzle flash		N/K	24-Nov, 02:34
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	23-Nov, 21:31
	2-4km E	Recorded	1	Projectile	N to S	N/K	23-Nov, 21:37
	2-4km E	Recorded	3	Projectile	S to N	N/K	24-Nov, 00:45
1.9km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	2-3km NNW	Heard	7	Shot		Small arms	24-Nov, 11:13-11:21
	3-6km NW	Heard	15	Explosion	Undetermined	N/K	24-Nov, 11:16-11:26

<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.

0.8km S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	2-3km WNW	Heard	5	Burst		HMG	24-Nov, 08:12-08:16
	2-3km WNW	Heard	2	Burst		AGL	24-Nov, 08:12-08:16
	2-3km WNW	Heard	10	Shot		Small arms	24-Nov, 08:12-08:16
	2-3km WNW	Heard	3	Burst		HMG	24-Nov, 08:30-08:33
	3-6km WNW	Heard	4	Explosion	Undetermined	N/K	24-Nov, 09:23-09:28
	3-6km WNW	Heard	8	Burst		HMG	24-Nov, 09:23-09:28
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km SE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	24-Nov, 10:02
	1-2km E	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	24-Nov, 10:37
Trudivski area in Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	500m WSW	Heard	7	Shot		Small arms	24-Nov, 10:17-10:19
	400-500m WSW	Heard	3	Burst		Small arms	24-Nov, 10:21
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	5	Burst		Small arms	24-Nov, 10:15
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SSW	Heard	2	Shot		Small arms	24-Nov, 10:40
	4-6km WNW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 10:46
	1-2km SW	Heard	3	Shot		Small arms	24-Nov, 11:00
	1-2km SSW	Heard	6	Shot		Small arms	24-Nov, 11:21
	1-2km SW	Heard	2	Shot		Small arms	24-Nov, 11:23

	1-2km SW	Heard	2	Shot		AGL	24-Nov, 11:31
	3-4km W	Heard	2	Explosion	Undetermined	N/K	24-Nov, 11:53
	2-3km WNW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:14
	2-4km SW	Heard	3	Explosion	Undetermined	N/K	24-Nov, 12:46
	3-5km S	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:50
	2-4km S	Heard	2	Shot		Small arms	24-Nov, 12:51
	2-4km S	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:51
	1-2km SW	Heard	1	Shot		Small arms	24-Nov, 12:56
	1-3km SW	Heard	9	Shot		Small arms	24-Nov, 13:14
	1-2km SW	Heard	2	Shot		Small arms	24-Nov, 13:15
	1-2km SW	Heard	2	Shot		Small arms	24-Nov, 13:16
	1-2km SW	Heard	1	Shot		AGL	24-Nov, 13:33
	2-3km W	Heard	1	Explosion	Undetermined	N/K	24-Nov, 13:40
	1-3km SW	Heard	2	Burst		HMG	24-Nov, 13:52
	1-3km SW	Heard	1	Shot		AGL	24-Nov, 13:52
	1-3km SW	Heard	18	Shot		Small arms	24-Nov, 13:52
	1-3km SW	Heard	1	Burst		Small arms	24-Nov, 13:52
	1.2km WSW	Heard and saw	1	Explosion	Airburst	Artillery (122mm)	24-Nov, 13:53
	1.2km WSW	Heard and saw	1	Explosion	Airburst	Artillery (122mm)	24-Nov, 13:54
	2-3km WSW	Heard		Shot and burst	Uncountable	Small arms	24-Nov, 13:54
	1-2km SW	Heard	12	Burst		HMG	24-Nov, 13:58
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km SW	Heard	7	Burst		HMG	23-Nov, 20:13
	2-5km ESE	Heard	3	Burst		HMG	23-Nov, 20:13
	2-5km ESE	Heard	2	Burst		HMG	23-Nov, 20:17
	3-6km ESE	Heard	7	Explosion	Undetermined	N/K	23-Nov, 20:22-20:24

2-5km ESE	Heard	4	Burst		HMG	23-Nov, 20:25
2-5km ESE	Heard	7	Shot		Small arms	23-Nov, 20:26
2-5km ESE	Heard	3	Burst		HMG	23-Nov, 20:41
2-5km SW	Heard	4	Burst		HMG	23-Nov, 20:46
2-4km ESE	Heard	12	Shot		Small arms	23-Nov, 22:50
2-4km ESE	Heard	4	Shot		Small arms	23-Nov, 23:29
5-6km SE	Heard	56	Explosion	Undetermined	N/K	24-Nov, 09:28-10:10
4-5km SE	Heard	36	Burst		HMG	24-Nov, 10:12-10:20
5-7km SW	Heard	8	Burst		HMG	24-Nov, 11:16-11:20
5-7km SW	Heard	25	Explosion	Undetermined	N/K	24-Nov, 11:25-11:35
5-7km SE	Heard	1	Explosion	Undetermined	N/K	24-Nov, 17:40
4-6km SW	Heard	4	Burst		HMG	24-Nov, 18:34
4-6km SW	Heard	5	Explosion	Undetermined	N/K	24-Nov, 18:38-18:44
4-6km SW	Heard	6	Burst		HMG	24-Nov, 18:45-18:54
4-6km SW	Heard	5	Explosion	Undetermined	N/K	24-Nov, 19:11-19:14
4-6km SSE	Heard	3	Burst		HMG	24-Nov, 19:17-19:19
4-6km SW	Heard	3	Explosion	Undetermined	N/K	24-Nov, 19:23-19:24
4-6km SW	Heard	4	Burst		HMG	24-Nov, 19:25-19:26
4-6km SW	Heard	4	Explosion	Undetermined	N/K	24-Nov, 19:26-19:27
4-6km SW	Heard	1	Burst		HMG	24-Nov, 19:27
4-6km S	Heard	6	Explosion	Undetermined	N/K	24-Nov, 19:28

	4-6km S	Heard	6	Burst		HMG	24-Nov, 19:31- 19:33
	4-6km S	Heard	3	Explosion	Undetermined	N/K	24-Nov, 19:34
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km NW	Heard	28	Burst		HMG	24-Nov, 09:37- 09:40
	2-4km NW	Heard	8	Burst		HMG	24-Nov, 09:49- 09:51
	1-2km SW	Heard	4	Shot		Small arms	24-Nov, 10:01
	1-2km SW	Heard	19	Shot		Small arms	24-Nov, 10:07- 10:10
	1-2km SW	Heard	8	Shot		Small arms	24-Nov, 10:35- 10:40
	1-2km SW	Heard	13	Shot		Small arms	24-Nov, 10:50- 10:57
	1-2km SW	Heard	9	Shot		Small arms	24-Nov, 11:03- 11:09
	1-2km SW	Heard	3	Shot		Small arms	24-Nov, 11:42
	1-2km SW	Heard	9	Shot		Small arms	24-Nov, 12:05
	1-2km SW	Heard	13	Shot		Small arms	24-Nov, 12:50- 12:51
	1-2km SW	Heard	4	Shot		Small arms	24-Nov, 13:15
	1-2km SW	Heard	16	Burst		Small arms	24-Nov, 13:17- 13:20
	1-2km SW	Heard	3	Shot		Small arms	24-Nov, 13:28
	1-2km SW	Heard	5	Shot		Small arms	24-Nov, 13:51
	Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km SW	Heard	7	Burst		HMG
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-4.5km SE	Recorded	3	Projectile	N to S (assessed as inside the disengagement area)	N/K	23-Nov, 19:14

	3-4.5km SE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	23-Nov, 19:15
	3-4.5km SE	Recorded	4	Projectile	N to S (assessed as inside the disengagement area)	N/K	23-Nov, 19:17
	3-4.5km SE	Recorded	2	Projectile	N to S (assessed as inside the disengagement area)	N/K	23-Nov, 19:17
	2-4km ENE	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	23-Nov, 19:20
	2-4km ENE	Recorded	1	Projectile	WSW to ENE (assessed as outside the disengagement area)	N/K	23-Nov, 19:20
	2-4km ESE	Recorded	1	Projectile	SSE to NNW (unable to assess whether inside or outside the disengagement area)	N/K	23-Nov, 19:46
	2-4km ESE	Recorded	1	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	23-Nov, 19:46
	2-4km E	Recorded	1	Illumination flare	In vertical flight, (assessed as outside the disengagement area)	N/K	23-Nov, 19:47

	2-3km ESE	Recorded	1	Projectile	SSE to NNW (unable to assess whether inside or outside the disengagement area)	N/K	23-Nov, 19:50
	3.5-4.5km SE	Recorded	1	Burst	WSW to ENE (assessed as inside the disengagement area)	N/K	23-Nov, 19:53
	2-3km E	Recorded	1	Projectile	S to N (unable to assess whether inside or outside the disengagement area)	N/K	23-Nov, 19:55
	3-4km SE	Recorded	2	Projectile	N to S (assessed as inside the disengagement area)	N/K	23-Nov, 19:59
	3.5-4.5km SE	Recorded	2	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	23-Nov, 20:01
	0.5-1km SSE	Recorded	1	Projectile	NNE to SSW (assessed as outside the disengagement area)	N/K	23-Nov, 20:03
	3-4.5km SE	Recorded	5	Projectile	SE to NW (in vertical flight, assessed as inside the disengagement area)	N/K	23-Nov, 20:09

	2-3.5km ESE	Recorded	2	Projectile	E to W (unable to assess whether inside or outside the disengagement area)	N/K	24-Nov, 00:25
	2-3.5km ESE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	24-Nov, 00:25
E edge of Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	3-4km SSW	Heard	3	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	23-Nov, 23:20- 23:21
Kadiivka (formerly Stakhanov, non- government- controlled, 50km W of Luhansk)	10-15km NNE	Heard	7	Explosion	Undetermined	N/K	24-Nov, 05:02- 05:05
NE edge of Kalynove- Borshchuvate (non- government- controlled, 61km W of Luhansk)	2-3km NW	Heard	1	Shot		Small arms	24-Nov, 09:02
W edge of Kriakivka (government- controlled, 38km NW of Luhansk)	1-3km SW	Heard	2	Shot		Small arms	24-Nov, 10:37
3.3km SSW of Slovianoserbsk (non- government- controlled, 28km NW of Luhansk)	10-15km W	Heard	2	Explosion	Undetermined	N/K	24-Nov, 11:35- 11:36



Putylyne (government-controlled, 44km north-west of Luhansk)	8-10km SSE	Heard	87	Explosion	Undetermined	N/K	24-Nov, 13:33- 14:17
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Muzzle flash		N/K	25-Nov, 18:17
	2-4km SSE	Recorded	1	Projectile	N to S	N/K	25-Nov, 18:17
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	25-Nov, 18:17
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.7-1.5km SSW	Recorded	1	Projectile	W to E	N/K	24-Nov, 23:16
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 16:57
	2-4km SSW	Recorded	5	Projectile	W to E	N/K	25-Nov, 17:07
	2-4km SSW	Recorded	1	Explosion	Impact	N/K	25-Nov, 17:07
	1-2km SW	Recorded	7	Projectile	W to E	N/K	25-Nov, 17:08
	1-2km SW	Recorded	4	Projectile	W to E	N/K	25-Nov, 17:10
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	25-Nov, 17:13
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	25-Nov, 17:13
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	25-Nov, 17:20
	2-4km SSW	Recorded	4	Projectile	W to E	N/K	25-Nov, 17:21
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 17:22
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 17:23
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	4	Projectile	NW to SE	N/K	25-Nov, 18:18
	2-4km E	Recorded	7	Projectile	NW to SE	N/K	25-Nov, 18:20
	2-4km E	Recorded	1	Projectile	NW to SE	N/K	25-Nov, 18:23
	2-4km E	Recorded	9	Projectile	NW to SE	N/K	25-Nov, 18:24
	2-4km E	Recorded	7	Projectile	NW to SE	N/K	25-Nov, 18:33
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of	2-4km E	Recorded	2	Projectile	SE to NW	N/K	24-Nov, 23:19
	1-3km ENE	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 16:40
	1-3km E	Recorded	2	Projectile	N to S	N/K	25-Nov, 16:40

Donetsk)	1-3km E	Recorded	1	Projectile	N to S	N/K	25-Nov, 16:41
	3-5km E	Recorded	1	Illumination flare		N/K	25-Nov, 17:32
SMM camera at entry-exit checkpoint in Marinka (government- controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	W to E	N/K	24-Nov, 19:47
	1-3km NNE	Recorded	7	Projectile	W to E	N/K	24-Nov, 19:48
SMM camera 1km SW of Shyrokyne (government- controlled, 20km E of Mariupol)	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	24-Nov, 22:40
1km NW of railway station in Yasyuvata (non- government- controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 09:01
Railway station in Yasyuvata (non- government- controlled, 16km NE of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 12:42
	3-5km WNW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 12:56
About 2km NW of Debaltseve (non- government- controlled, 58km NE of Donetsk)	5-8km NNW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 13:33
	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 13:38

Svitlodarsk (government- controlled, 57km NE of Donetsk)	4-6km S	Heard	3	Burst		HMG	24-Nov, 19:40
	4-6km S	Heard	4	Explosion	Undetermined	N/K	24-Nov, 19:43- 19:44
	4-6km S	Heard	2	Burst		HMG	24-Nov, 19:44
	4-6km S	Heard	2	Explosion	Undetermined	N/K	24-Nov, 19:55
	4-6km SW	Heard	8	Burst		HMG	24-Nov, 19:56- 19:59
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 20:06
	4-6km SW	Heard	5	Burst		HMG	24-Nov, 20:07
	4-6km SW	Heard	7	Explosion	Undetermined	N/K	24-Nov, 20:07- 20:09
	4-6km SW	Heard	3	Burst		HMG	24-Nov, 20:09
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 20:10
	4-5km SW	Heard	3	Burst		HMG	24-Nov, 20:13
	4-5km SW	Heard	5	Explosion	Undetermined	N/K	24-Nov, 20:15
	4-5km SW	Heard	6	Burst		HMG	24-Nov, 20:30- 20:32
	4-5km SW	Heard	11	Explosion	Undetermined	N/K	24-Nov, 20:33- 20:38
	4-5km SW	Heard	19	Burst		HMG	24-Nov, 20:33
	4-5km SW	Heard	4	Burst		HMG	24-Nov, 20:40- 20:44
	4-5km SW	Heard	7	Explosion	Undetermined	N/K	24-Nov, 20:43- 20:46
	4-5km S	Heard	2	Explosion	Undetermined	N/K	24-Nov, 20:48
	4-5km S	Heard	26	Burst		HMG	24-Nov, 20:51- 21:20
	4-6km S	Heard	4	Explosion	Undetermined	N/K	24-Nov, 21:06- 22:00
4-6km SW	Heard	8	Explosion	Undetermined	N/K	24-Nov, 21:13- 21:36	
4-5km SW	Heard	5	Explosion	Undetermined	N/K	24-Nov, 21:14- 21:37	

	4-5km W	Heard	8	Explosion	Undetermined	N/K	24-Nov, 21:16- 22:00
	4-6km SW	Heard	10	Explosion	Undetermined	N/K	24-Nov, 21:42- 22:00
	2-3km W	Heard	4	Shot		Small arms	24-Nov, 21:44
	4-6km W	Heard	34	Burst		HMG	24-Nov, 21:44- 22:00
	2-3km S	Heard	6	Shot		Small arms	24-Nov, 22:09
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 22:24
	3-5km SW	Heard	18	Burst		HMG	24-Nov, 22:25- 23:36
	2-4km SW	Heard	4	Shot		Small arms	24-Nov, 22:35
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 22:48- 23:10
	6-8km W	Heard	10	Explosion	Undetermined	N/K	25-Nov, 08:45- 08:47
	6-8km W	Heard	25	Explosion	Undetermined	N/K	25-Nov, 08:49- 08:50
	3-5km SE	Heard	7	Burst		HMG	25-Nov, 14:42- 14:45
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 16:02
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:12
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 17:28
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:31
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:34
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:35
	3-5km SE	Heard	4	Burst		HMG	25-Nov, 17:36
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:37
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 17:42
	3-5km SE	Heard	4	Burst		HMG	25-Nov, 17:42
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 17:45

	3-5km SE	Heard	3	Explosion	Undetermined	N/K	25-Nov, 17:50
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	25-Nov, 17:52
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 17:58
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 18:01
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 18:04
	3-5km SE	Heard	4	Explosion	Undetermined	N/K	25-Nov, 18:06
	3-5km SE	Heard	4	Explosion	Undetermined	N/K	25-Nov, 18:07
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 18:08
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 18:10
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km WNW	Heard	2	Explosion	Undetermined	N/K	25-Nov, 15:15
	4-5km WNW	Heard	15	Burst		HMG	25-Nov, 15:15-15:20
	4-5km WNW	Heard	20	Burst		HMG	25-Nov, 15:30-15:40
	4-5km NNW	Heard	25	Burst		HMG	25-Nov, 15:55-16:05
	4-5km WNW	Heard	10	Burst		HMG	25-Nov, 16:10-16:15
	4-5km WNW	Heard	10	Burst		HMG	25-Nov, 16:18-16:20
	4-5km WNW	Heard	5	Explosion		N/K	25-Nov, 16:55-17:00
	2-3km WNW	Heard	1	Explosion	Impact	N/K	25-Nov, 17:10
	0.5-1km W	Heard	5	Shot		Small arms	25-Nov, 17:12
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	0.5-1.5km ESE	Recorded	2	Projectile	S to N (assessed as outside the disengagement area)	N/K	24-Nov, 21:55

E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km SSW	Heard	2	Explosion	Impact (assessed as inside the disengagement area)	AGL (type unknown)	25-Nov, 02:13
	3-5km SSW	Heard	14	Burst	Assessed as inside the disengagement area	HMG	25-Nov, 02:18-02:19
	3-5km SSW	Heard	4	Explosion	Impact (assessed as inside the disengagement area)	AGL (type unknown)	25-Nov, 02:29
	3-5km SSW	Heard	4	Burst	Assessed as inside the disengagement area	HMG	25-Nov, 02:30-02:31
	3-5km SSW	Heard	10	Burst	Assessed as inside the disengagement area	HMG	25-Nov, 02:37
	3-5km SSW	Heard	3	Explosion	Impact (assessed as inside the disengagement area)	AGL (type unknown)	25-Nov, 02:37
	3-5km SSW	Heard	3	Burst	Assessed as inside the disengagement area	HMG	25-Nov, 02:40
	3-5km SSW	Heard	3	Shot	Assessed as inside the disengagement area	Cannon (30mm)	25-Nov, 02:40
	3-5km SSW	Heard	4	Explosion	Impact (assessed as inside the disengagement area)	AGL (type unknown)	25-Nov, 02:42

Prince Ihor monument, 1km SSE of the Stanytsia Luhanska bridge (15km NE of Luhansk)	20-25km WNW	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	25-Nov, 09:14-09:20
100m N of Stanytsia Luhanska Bridge (15km NE of Luhansk)	10-20km WNW	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	25-Nov, 11:52-12:02
N edge of Kalynove-Borshchuvate (non-government-controlled, 60km W of Luhansk)	5-10km SW	Heard	46	Explosion	Impact and outgoing	N/K	25-Nov, 09:10-09:20
	5-10km W	Heard	14	Explosion	Impact and outgoing	N/K	25-Nov, 09:45-10:15
	5-10km W	Heard	130	Burst		N/K (possible HMG)	25-Nov, 09:45-10:15
	5-10km W	Heard	84	Shot		Cannon (30mm)	25-Nov, 09:45-10:15
S edge of Kalynove-Borshchuvate (non-government-controlled, 60km W of Luhansk)	5-7km SW	Heard	12	Explosion	Undetermined	N/K	25-Nov, 10:26-10:43
	5-7km SW	Heard	18	Burst		N/K (possible HMG)	25-Nov, 10:26-10:43
	5-7km SW	Heard	5	Shot		Cannon (30mm)	25-Nov, 10:26-10:43
Kadiivka (formerly Stakhnov, non-government-controlled, 50km W of Luhansk)	10-12km NW	Heard	11	Explosion	Undetermined	N/K	25-Nov, 15:15-15:40
	8-10km NW	Heard	18	Burst		HMG	25-Nov, 15:15-15:40

	10-12km NNW	Heard	5	Explosion	Undetermined	N/K	25-Nov, 15:15- 15:40
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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).