Table of ceasefire violations as of 7 November 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in	2-4km S	Recorded	3	Projectile	ENE to WSW	N/K	6-Nov, 18:54
Chermalyk	2-4km SSE	Recorded	6	Projectile	In vertical flight	N/K	6-Nov, 19:18
(government-							
controlled, 31km							
NE of Mariupol)	1-3km S	Recorded	3	Projectile	NE to SW	N/K	6-Nov, 23:24
SMM camera at	2-4km SSE	Recorded	1	Projectile	SSE to NNW	N/K	6-Nov, 18:31
Donetsk	1-3km SSW	Recorded	1	Projectile	E to W	N/K	6-Nov, 20:38
Filtration Station	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 21:24
(15km N of	1-3km SSW	Recorded	1	Projectile	W to E	N/K	6-Nov, 21:27
Donetsk)	1-3km SSW	Recorded	1	Explosion	Airburst	N/K	6-Nov, 21:27
	1-3km S	Recorded	3	Projectile	W to E	N/K	6-Nov, 22:23
	1-3km S	Recorded	1	Burst	W to E	N/K	6-Nov, 22:23
	1-3km S	Recorded	1	Projectile	S to N	N/K	6-Nov, 23:18
	2-3km SSW	Recorded	1	Projectile	W to E	N/K	7-Nov, 02:23
	2-3km SSW	Recorded	2	Projectile	W to E	N/K	7-Nov, 02:24
	2-3km SSW	Recorded	1	Projectile	W to E	N/K	7-Nov, 03:34
	2-3km SSW	Recorded	4	Projectile	NW to SE	N/K	7-Nov, 17:06
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	7-Nov, 17:06
	2-3km SSW	Recorded	2	Projectile	E to W	N/K	7-Nov, 17:23
	2-3km SSW	Recorded	4	Projectile	W to E	N/K	7-Nov, 17:24
	2-3km SSW	Recorded	1	Projectile	In vertical flight	N/K	7-Nov, 17:51
	2-3km SSW	Recorded	1	Projectile	W to E	N/K	7-Nov, 18:04
SMM camera	2-4km ENE	Recorded	3	Projectile	NW to SE	N/K	6-Nov, 18:45
1.5km NE of	2-4km ENE	Recorded	2	Projectile	S to N	N/K	6-Nov, 19:07
Hnutove	2-4km ENE	Recorded	4	Projectile	N to S	N/K	6-Nov, 19:07
(government-	2-4km ENE	Recorded	2	Projectile	S to N	N/K	6-Nov, 19:08
controlled, 20km	2-4km ENE	Recorded	1	Projectile	N to S	N/K	6-Nov, 19:08
NE of Mariupol)	2-4km ESE	Recorded	1	Projectile	W to E	N/K	6-Nov, 19:11
•	2-4km ESE	Recorded	5	Muzzle flash	11 10 12	N/K	6-Nov, 19:14
	2-4km E	Recorded	2	Muzzle flash		N/K	6-Nov, 19:15
	2-4km ESE	Recorded	2	Projectile Projectile	S to N	N/K	6-Nov, 19:49
	4-6km ENE	Recorded	1	Projectile	NNW to SSE	N/K	6-Nov, 20:00
	4-6km E	Recorded	2	Projectile	N to S	N/K	6-Nov, 20:02
	4-6km E	Recorded	1	Muzzle flash	1103	N/K	6-Nov, 20:02
	4-6km ENE	Recorded	2	Projectile	S to N	N/K	6-Nov, 20:04
	4-6km ENE	Recorded	4	Projectile	S to N	N/K	6-Nov, 20:30
	4-6km ENE	Recorded	1	Projectile	N to S	N/K	6-Nov, 20:30
	4-6km ENE	Recorded	1	Projectile	S to N	N/K	6-Nov, 20:31
			3				
	4-6km ENE	Recorded		Projectile	N to S	N/K	6-Nov, 20:31
	4-6km ENE	Recorded	3	Projectile	WNW to ESE	N/K	6-Nov, 20:31
	4-6km ENE	Recorded	2	Projectile	N to S	N/K	6-Nov, 20:32
	4-6km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Nov, 20:33
	4-6km ENE	Recorded	4	Projectile	NNW to SSE	N/K	6-Nov, 20:38
	4-6km ENE	Recorded	7	Projectile	NW to SE	N/K	6-Nov, 20:40
	4-6km ENE	Recorded	3	Projectile	S to N	N/K	6-Nov, 20:49
	4-6km E	Recorded	1	Projectile	N to S	N/K	6-Nov, 20:58
	4-6km ENE	Recorded	2	Projectile	NNW to SSE	N/K	6-Nov, 21:10
	4-6km ESE	Recorded	1	Projectile	WSW to ENE	N/K	6-Nov, 21:15
	4-6km ESE	Recorded	1	Projectile	SW to NE	N/K	6-Nov, 21:19
	4-6km ESE	Recorded	1	Projectile	SW to NE	N/K	6-Nov, 21:21
	4-6km ESE	Recorded	1	Projectile	SW to NE	N/K	6-Nov, 21:24

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.

4-6km ESE	Recorded	1	Projectile	SSW to NNE	N/K	6-Nov, 21:25
4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	6-Nov, 21:47
4-6km ESE	Recorded	1	Projectile	WSW to ENE	N/K	6-Nov, 21:50
4-6km ESE	Recorded	1	Projectile	SW to NE	N/K	6-Nov, 21:57
4-6km ESE	Recorded	1	Projectile	WSW to ENE	N/K	6-Nov, 21:57
4-6km E	Recorded	2	Projectile	N to S	N/K	6-Nov, 22:01
4-6km ENE	Recorded	3	Projectile	NW to SE	N/K	6-Nov, 22:20
4-6km ENE	Recorded	1	Projectile	SW to NE	N/K	6-Nov, 22:20
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 22:21
4-6km ESE	Recorded	1	Projectile	N to S	N/K	6-Nov, 22:22
4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 22:24
4-6km ENE	Recorded	6	Projectile	NW to SE	N/K	6-Nov, 22:29
4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	6-Nov, 22:37
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 22:47
4-6km ENE	Recorded	1	Projectile	S to N	N/K	6-Nov, 22:49
4-6km ENE	Recorded	1	Muzzle flash		N/K	6-Nov, 22:49
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 23:40
4-6km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Nov, 23:42
4-6km ENE	Recorded	5	Projectile	NW to SE	N/K	6-Nov, 23:44
4-6km ENE	Recorded	3	Projectile	NW to SE	N/K	6-Nov, 23:45
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 23:47
4-6km ENE	Recorded	4	Projectile	NW to SE	N/K	6-Nov, 23:48
4-6km ENE	Recorded	1	Projectile	S to N	N/K	6-Nov, 23:49
4-6km ENE	Recorded	3	Projectile	NW to SE	N/K	6-Nov, 23:54
4-6km ENE	Recorded	1	Projectile	SE to NW	N/K	6-Nov, 23:54
4-6km ENE	Recorded	3	Projectile	S to N	N/K	6-Nov, 23:57
4-6km ENE	Recorded	2	Projectile	S to N	N/K	6-Nov, 23:59
4-6km E	Recorded	1	Projectile	S to N	N/K	7-Nov, 00:05
4-6km ESE	Recorded	1	Projectile	S to N	N/K	7-Nov, 00:38
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 00:30
4-6km ESE	Recorded	1	Projectile	S to N	N/K	7-Nov, 00:43
4-6km E	Recorded	1	Projectile	N to S	N/K	7-Nov, 00:44
4-6km E	Recorded	2	Explosion	Impact	N/K	7-Nov, 00:44
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 00:45
4-6km E	Recorded	4	Projectile	S to N	N/K	7-Nov, 00:43
4-6km ENE	Recorded	6	Projectile	S to N	N/K	7-Nov, 00:57
4-6km ENE	Recorded	1	Projectile	N to S	N/K	7-Nov, 00:58
4-6km ENE	Recorded	2	Projectile	ENE to WSW	N/K	7-Nov, 00:58
4-6km ENE	Recorded	3	Projectile	S to N	N/K	7-Nov, 00:59
4-6km ENE	Recorded	3	Projectile	S to N	N/K	7-Nov, 01:00
4-6km ENE	Recorded	2	Projectile	N to S	N/K	7-Nov, 01:00
4-6km ENE	Recorded	6	Projectile	N to S	N/K	7-Nov, 01:00
4-6km E	Recorded	5	Projectile	S to N	N/K	7-Nov, 01:01
4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	7-Nov, 01:02
4-6km ENE	Recorded	3	Projectile	SE to NW	N/K	7-Nov, 01:02
4-6km ENE	Recorded	7	Projectile	NW to SE	N/K	7-Nov, 01:02
4-6km ENE	Recorded	8	Projectile	SE to NW	N/K	7-Nov, 01:03
4-6km ENE	Recorded	6	Projectile	NW to SE	N/K	7-Nov, 01:03
4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	7-Nov, 01:08
4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 01:09
4-6km ENE	Recorded	1	Projectile	WNW to ESE	N/K	7-Nov, 01:27
4-6km E	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 01:27
4-6km E	Recorded	2	Projectile	WNW to ESE	N/K	7-Nov, 01:38
4-6km E	Recorded	2	Explosion	Outgoing	N/K	7-Nov, 02:02
4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	7-Nov, 02:02
4-6km ENE	Recorded	2	Projectile	SSW to NNE	N/K	7-Nov, 02:03
4-6km ENE	Recorded	2	_		N/K	7-Nov, 02:28
4-6km ENE		10	Projectile Projectile	NW to SE	N/K N/K	
+-UKIII CINC	Recorded	10	Projectile Projectile	NW to SE		7-Nov, 02:55
			Projectile	NW to SE	N/K	7-Nov, 02:56
4-6km ENE	Recorded		Droisstil-		NI/IZ	
4-6km ENE 4-6km ENE	Recorded	1	Projectile Projectile	NW to SE	N/K	7-Nov, 02:57
4-6km ENE 4-6km ENE 4-6km ENE	Recorded Recorded	1 2	Projectile	W to E	N/K	7-Nov, 03:03
4-6km ENE 4-6km ENE 4-6km ENE 4-6km ENE	Recorded Recorded Recorded	1 2 2	Projectile Projectile	W to E W to E	N/K N/K	7-Nov, 03:03 7-Nov, 03:04
4-6km ENE 4-6km ENE 4-6km ENE	Recorded Recorded	1 2	Projectile	W to E	N/K	7-Nov, 03:03

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	4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 03:07
	4-6km ENE	Recorded	5	Projectile	NW to SE	N/K	7-Nov, 03:08
	4-6km ENE	Recorded	1	Projectile	W to E	N/K	7-Nov, 03:08
	4-6km ESE	Recorded	3	Projectile	SSW to NNE	N/K	7-Nov, 03:20
	4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 03:39
	4-6km ENE	Recorded	3	Projectile	NW to SE	N/K	7-Nov, 03:53
	4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 04:20
	4-6km ENE	Recorded	3	Projectile	SW to NE	N/K	7-Nov, 04:45
	4-6km E	Recorded	10	Projectile	SW to NE	N/K	7-Nov, 04:47
	4-6km ENE	Recorded	2	Projectile	NW to SE	N/K	7-Nov, 04:48
	4-6km ENE	Recorded	2	Projectile	In vertical flight	N/K	7-Nov, 04:53
	4-6km ENE	Recorded	2	Projectile	In vertical flight	N/K	7-Nov, 04:59
SMM camera E	2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	6-Nov, 18:25
of Lomakyne	2-4km ENE	Recorded	4	Projectile	NNW to SSE	N/K	6-Nov, 18:26
(government-	2-4km ENE	Recorded	1	Muzzle flash		N/K	6-Nov, 18:26
controlled, 15km	2-4km NE	Recorded	4	Projectile	SW to NE	N/K	7-Nov, 00:53
NE of Mariupol)	2-4km NE	Recorded	6	Projectile	W to E	N/K	7-Nov, 00:53
	2-4km NE	Recorded	1	Projectile	SE to NW	N/K	7-Nov, 01:02
	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	7-Nov, 01:49
	2-4km NE	Recorded	2	Projectile	W to E	N/K	7-Nov, 02:45
	2-4km NE	Recorded	1	Projectile	W to E	N/K	7-Nov, 04:04
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	7-Nov, 18:20
SMM camera at	2-4km E	Recorded	1	Projectile	N to S	N/K	6-Nov, 18:28
entry-exit	0.5-1km E	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:18
checkpoint in	0.5-1km E	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 21:18
Maiorsk	2-4km E	Recorded	1	Projectile	NNE to SSW	N/K	7-Nov, 17:48
(government-	2 IKM E	recorded	-	Trojectiie	THE TO BE !!	1771	7 1101, 17.10
controlled, 45km							
NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	7-Nov, 17:56
SMM camera at				•			ĺ
checkpoint in Marinka (government- controlled, 23km SW of Donetsk) SMM camera at Oktiabr mine	1-2km NNE	Recorded	1	Projectile	S to N	N/K	6-Nov, 21:39
(non-government-controlled, 9km NW of Donetsk city centre) SMM camera at	2-4km NE 2-4km S	Recorded Recorded	1 2	Explosion Muzzle flash	Undetermined	N/K N/K	6-Nov, 21:11 6-Nov, 18:32
entry-exit	2-4km S	Recorded	2	Projectile	E to W	N/K	6-Nov, 18:32
checkpoint in	1-2km S	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:19
Pyshchevyk	1-2km S	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:21
(government-	1-2km S	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:24
controlled, 25km	1-2km S	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:25
NE of Mariupol)	1-2km S	Recorded	1	Projectile	NW to SE	N/K	6-Nov, 21:37
	1-2km S	Recorded	7	Projectile	NW to SE	N/K	7-Nov, 00:54
	1-2km S	Recorded	19	Projectile	NW to SE	N/K	7-Nov, 01:10
	1-2km S	Recorded	3	Projectile	NW to SE	N/K	7-Nov, 01:39
	1-2km S	Recorded	16	Projectile	NW to SE	N/K	7-Nov, 01:39
SE part of	1-2KIII D	Recorded	10	1 Tojecine	TAM TO DE	Small	7-Nov, 02:43
Avdiivka	2-3km SE	Heard	13	Burst			09:10
						arms	
(government-	2-3km SE	Heard	6	Burst	II1-4 1	HMG	7-Nov, 09:21
controlled,17km	2-3km SE	Heard	2	Explosion	Undetermined	N/K	7-Nov, 09:22
N of Donetsk)	2-3km SE	Heard	4	Burst		HMG	7-Nov, 09:22
	2-3km SE	Heard	10	Burst		HMG	7-Nov, 09:35
							7-Nov, 09:36-
	2-3km SE	Heard	5	Explosion	Undetermined	N/K	09:38
						Small	7-Nov, 09:36-
	2-3km SE	Heard	16	Burst		arms	09:38
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	7-Nov, 09:52-
							

1			[1	1	1	09:53
							7-Nov, 09:52-
	2-3km SE	Heard	12	Burst		HMG	09:53
	2-3km SE	Hoond	10	Dunat		Small	7 Nov. 10.20
	2-3KIII SE	Heard	10	Burst		arms Small	7-Nov, 10:30
	2-3km SE	Heard	12	Shot		arms	7-Nov, 10:46
						Small	ĺ
	2-3km SE	Heard	10	Burst		arms	7-Nov, 10:53
	2-3km ESE	Heard	8	Burst		HMG	7-Nov, 11:02
	2-3km SE	Heard	6	Burst		HMG Small	7-Nov, 11:29
	1-2km SE	Heard	15	Shot		arms	7-Nov, 11:34
	2-3km SE	Heard	5	Burst		HMG	7-Nov, 11:47
						Small	
	2-3km S	Heard	50	Burst		arms	7-Nov, 11:53
	1 Okm C	Heard	70	Burst		Small	7-Nov, 12:07- 12:10
	1-2km S 2-3km SE	Heard	70	Explosion	Undetermined	arms N/K	7-Nov, 12:11
1.1km NW of	2 JKIII JE	Ticara		Shot and	Uncountable,	Small	7-Nov, 09:35-
railway station	1-3km SW	Heard		burst	overlapping	arms	09:45
in Yasynuvata							7-Nov, 09:52-
(non-	2-4km SW	Heard	5	Explosion	Undetermined	N/K	09:55
government- controlled, 16km	2-3km SW	Heard	96	Shot		Small arms	7-Nov, 10:26- 10:59
NE of Donetsk)	2-3KIII 3 W	Heard	90	Shot		arms	7-Nov, 10:26-
,	2-3km SW	Heard	13	Burst		HMG	10:59
	2-3km SW	Heard	10	Shot		HMG	7-Nov, 11:30
						Small	7-Nov, 12:30-
	2-3km WSW	Heard	7	Shot	77.1	arms	12:34
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	7-Nov, 12:50 7-Nov, 12:59-
	2-3km SW	Heard	3	Shot		HMG	13:04
	4-5km N	Heard	2	Explosion	Undetermined	N/K	7-Nov, 13:05
				i			7-Nov, 13:05-
	1-2km SW	Heard	5	Shot		HMG	13:13
	1.01 007	** 1		GI .		Small	7 N 10 10
	1-2km SW	Heard	9	Shot		arms	7-Nov, 13:13 7-Nov, 13:23-
	1-2km S	Heard	11	Shot		HMG	7-Nov, 13:23- 13:44
	1 2 5	110410		21101		111.10	7-Nov, 13:46-
	1-2km N	Heard	2	Shot		HMG	13:48
Railway station							
in Yasynuvata							
(non- government-							
controlled, 16km							
NE of Donetsk)	2-4km SW	Heard	1	Explosion	Undetermined	N/K	7-Nov, 12:22
1 km NNW of	N/K NE	Heard	1	Burst		HMG	7-Nov, 09:45
entry-exit							
checkpoint in Pyshchevyk							
(government-							
controlled, 25km							
NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 10:48
2km SW of	NI/IZ EGE	111	_	Cl (Small	7 N- 12 25
Pyshchevyk (government-	N/K ESE	Heard	7	Shot		arms Small	7-Nov, 13:35 7-Nov, 13:38-
controlled, 25km	N/K ESE	Heard	46	Shot		arms	13:48
NE of Mariupol)	- 112 202	110010		5			7-Nov, 13:38-
	N/K ESE	Heard	1	Explosion	Undetermined	N/K	13:48
	21		l . ¯	a.		. ~-	7-Nov, 13:38-
	3km ESE	Heard	4	Shot	Outgoing	AGL	13:48 7-Nov, 13:38-
	4km ESE	Heard	4	Explosion	Impact	AGL	/-Nov, 13:38- 13:48
	IMIL LOL	110414	_ ~	Laptonon	Impact	1101	15.10

I	I	l	ı	İ	1	Small	I
	N/K NNE	Heard	3	Shot		arms	7-Nov, 13:58
		Heard and					
	3km E	saw	1	Explosion		N/K	7-Nov, 14:24
Pavlopil (government-	N/K NE	Heard	23	Shot		Small	7-Nov, 11:51- 11:58
controlled, 15km	N/K NE	пеаги	23	Shot		arms Small	7-Nov, 11:51-
NE of Mariupol)	N/K NE	Heard	5	Burst		arms	11:58
						Small	7-Nov, 12:03-
	N/K NE	Heard	21	Shot		arms Small	12:15 7-Nov, 12:03-
	N/K NE	Heard	78	Burst		arms	12:15
							7-Nov, 12:03-
	N/K NE	Heard	2	Shot		N/K	12:15
Horlivka (non- government-							
controlled, 39km							
NE of Donetsk)	5-8km SW	Heard	1	Explosion	Undetermined	N/K	6-Nov, 19:02
NW edge of	21 GE					Small	5.M 00.05
Horlivka (non- government-	2km SE	Heard	1	Shot		arms	7-Nov, 08:25
controlled, 39km						Small	
NE of Donetsk)	2km SE	Heard	10	Shot		arms	7-Nov, 08:30
Svitlodarsk	2.41 CE	TT 1	_	D.		Small	CN 10.20
(government- controlled, 57km	2-4km SE	Heard	2	Burst		arms Small	6-Nov, 18:38
NE of Donetsk)	2-4km SE	Heard	17	Shot		arms	6-Nov, 18:40
ŕ							6-Nov, 18:41-
	2-4km SE	Heard	10	Burst		HMG	18:44
	4-6km SE	Heard	11	Burst		Small arms	6-Nov, 18:41- 18:44
	4-0KIII SE	Heard	11	Burst		Small	16.44
	2-4km SE	Heard	4	Burst		arms	6-Nov, 18:57
			_			Small	6-Nov, 19:29-
	2-4km SE	Heard	5	Burst		arms Small	19:30
	3-5km S	Heard	6	Burst		arms	6-Nov, 21:14
						Small	ĺ
	2-4km ESE	Heard	6	Shot		arms	6-Nov, 21:49
	4-5km SE	Heard	11	Burst		Small	6-Nov, 22:36- 22:39
	4-JKIII SE	Heard	11	Buist		arms Small	22.39
	4-5km SE	Heard	4	Burst		arms	6-Nov, 23:02
						Small	6-Nov, 23:08-
	4-5km SE	Heard	14	Burst		arms	23:09
	2-3km SE	Heard	4	Burst		Small arms	6-Nov, 23:21
						Small	
	4-5km SE	Heard	5	Burst		arms	6-Nov, 23:40
	4-5km SE	Heard	12	Burst		Small	6-Nov, 23:48- 23:49
	4-JKIII SE	пеаги	12	Buist		arms Small	23.49
	4-6km SE	Heard	3	Burst	<u> </u>	arms	7-Nov, 08:23
			_				7-Nov, 08:47-
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	08:48 7-Nov, 08:48-
	4-6km SE	Heard	8	Burst		Small arms	7-Nov, 08:48- 08:49
	2-4km SE	Heard	2	Explosion	Undetermined	N/K	7-Nov, 08:58
				•		Small	
	2-4km SE	Heard	4	Burst		arms	7-Nov, 09:11
	2-3km SE	Heard	4	Burst		Small arms	7-Nov, 10:56
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 10:30
						Small	7-Nov, 12:18-
	5-7km SW	Heard	9	Burst		arms	12:19

I	5-7km SW	Heard	2	Explosion	Undetermined	N/K	7-Nov, 12:21
							7-Nov, 17:20-
	5-7km SW	Heard	64	Explosion	Undetermined	N/K	17:30
	2-3km SE	Heard	43	Burst		Small arms	7-Nov, 17:32- 17:40
E edge of	3-4km SE	Heard	2	Burst		HMG	7-Nov, 09:21
Kamianka	3-4KIII SL	Ticara		Burst		TIIVIO	7-Nov, 09:34-
(government-	3-4km SE	Heard	5	Burst		HMG	09:36
controlled, 20km							7-Nov, 09:34-
N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	09:36
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	7-Nov, 09:38
	3-4km SE	Heard	2	Burst		HMG	7-Nov, 09:38
						IFV	
						(BMP-	
						2) cannon	
	3-4km SW	Heard	2	Shot		(30mm)	7-Nov, 09:52
SMM camera in	2-4km SSW	Recorded	1	Projectile	ESE to WNW	N/K	6-Nov, 18:38
Kriakivka	2 11111 55 11	110001000		Trojectire	ESE to WIVW	1 1/12	0 1(0), 10,00
(government-							
controlled, 38km							
NW of Luhansk)	3-5km SW	Recorded	3	Explosion	Undetermined	N/K	6-Nov, 23:11
SMM camera in							
Zolote				1		1	
(government-							
controlled, 60km	2 floor NE	Dagardad	0	Dunat		NI/IZ	7 Nov. 19.01
W of Luhansk) 0.5km N of	3-5km NE 7-10km NE	Recorded Heard	8	Burst	Undetermined	N/K N/K	7-Nov, 18:01 7-Nov, 11:00
Orikhove	/-IUKIII NE	пеаги	1	Explosion	Undetermined	IN/IX	7-1NOV, 11:00
(government-							
controlled, 57km							7-Nov, 11:12-
NW of Luhansk)	2-3km SE	Heard	2	Explosion	Undetermined	N/K	11:19
Zolote-4/Rodina				•	Undetermined		
(government-					(assessed as		
controlled, 59km					outside the		
W of Luhansk)					disengagement		
	3-5km SSE	Heard	1	Explosion	area)	N/K	7-Nov, 11:01
					Undetermined (assessed as		
					inside the		
					disengagement		
	1-2km SSE	Heard	1	Explosion	area)	N/K	7-Nov, 11:20
S edge of				•	,		,
Berezivske (non-							
government-							
controlled, 53km							
NW of Luhansk)	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	7-Nov, 11:09
Obozne (non-							
government- controlled, 18km				1			7-Nov, 11:12-
N of Luhansk)	25-30km NW	Heard	7	Explosion	Undetermined	N/K	7-Nov, 11:12- 11:47
2.4km S of	23-30KIII IN W	ricaru		Lapiosidii	Undetermined	Small	11.7/
Muratove	2-3km SW	Heard	3	Shot		arms	7-Nov, 11:41
(government-			Ť				,
controlled, 51km				1		1	
NW of Luhansk)	5-7km SW	Heard	2	Explosion	Undetermined	N/K	7-Nov, 11:47
E edge of							7-Nov, 12:21-
Shchastia	1-2km SSE	Heard	4	Explosion	Undetermined	N/K	12:27
(government-	2 21, 0337	Hasud	20	Eve1:	I Indetermed	NI/IZ	7-Nov, 12:30-
controlled, 20km N of Luhansk)	2-3km SW	Heard	38	Explosion	Undetermined	N/K	12:50
14 Of Luffallsk)	2-3km SW	Heard	50	Burst		HMG	7-Nov, 12:30- 12:50
3.6km E of	2-2KIII 3 VV	ricaru	50	Duist		DIVILL	7-Nov, 12:25-
Orikhove-	7-10km SE	Heard	43	Explosion	Undetermined	N/K	13:10
Donetske							7-Nov, 12:25-
(government-	8-10km E	Heard	19	Explosion	Undetermined	N/K	13:10
	,			F			1

controlled, 44km				ĺ	1		7-Nov, 12:25-
NW of Luhansk)	5-6km SW	Heard	4	Explosion	Undetermined	N/K	13:10
						Small	
	3-5km S	Heard	4	Shot		arms	7-Nov, 13:00
						IFV	
						(BMP-	
						2)	
				Shot and		cannon	
	300-500m S	Heard	15	burst		(30mm)	7-Nov, 13:00
Vesela Hora						Small	7-Nov, 12:29-
(non-	1-2km W	Heard		Burst	Uncountable	arms	12:39
government-							7-Nov, 12:29-
controlled, 16km	1-2km W	Heard		Burst	Uncountable	HMG	12:39
N of Luhansk)					Outgoing and		
					impact,		7-Nov, 12:29-
	1-2km W	Heard		Explosion	uncountable	N/K	12:39
						Small	7-Nov, 12:29-
	1-2km E	Heard		Burst	Uncountable	arms	12:39
							7-Nov, 12:29-
	1-2km E	Heard		Burst	Uncountable	HMG	12:39
					Outgoing and		
					impact,		7-Nov, 12:29-
	1-2km E	Heard		Explosion	uncountable	N/K	12:39
N edge of Smile							7-Nov, 12:42-
(non-	6-8km NE	Heard	16	Explosion	Undetermined	N/K	12:54
government-							
controlled, 31km							7-Nov, 12:42-
NW of Luhansk)	6-8km NW	Heard	2	Explosion	Undetermined	N/K	12:54
NE edge of							
Kalynove-							
Borshchuvate							
(non-							
government-							
controlled, 61km						Small	7-Nov, 13:04-
W of Luhansk)	3-5km WSW	Heard	9	Shot		arms	13:07

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).