Table of ceasefire violations as of 29 July 2018<sup>1</sup>

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:17
	1-2km S	Recorded	13	Projectile	E to W	N/K	27-Jul, 21:22
	0.8-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:25
	1-2km S	Recorded	6	Projectile	E to W	N/K	27-Jul, 21:27
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:27
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:28
	0.5-1km S	Recorded	1	Muzzle flash		N/K	27-Jul, 21:29
	1-1.5km S	Recorded	2	Projectile	E to W	N/K	27-Jul, 21:29
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:30
	1-1.5km S	Recorded	15	Projectile	E to W	N/K	27-Jul, 21:31
	1-1.5km S	Recorded	14	Projectile	E to W	N/K	27-Jul, 21:32
	1-1.5km S	Recorded	3	Muzzle flash		N/K	27-Jul, 21:32
	1-1.2km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:32
	0.7-1.5km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:33
	1-1.5km S	Recorded	6	Projectile	E to W	N/K	27-Jul, 21:34
	0.2-1km S	Recorded	3	Explosion	Undetermined	N/K	27-Jul, 21:34
	0.1-0.3km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:36
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:37
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:37
	0.7-1.5km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 21:41
SMM camera at	1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:42
Donetsk Filtration	1-1.5km S	Recorded	5	Projectile	E to W	N/K	27-Jul, 21:43
Station (15km N of	1.5-3km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:46
Donetsk)	1.5-3km S	Recorded	2	Projectile	W to E	N/K	27-Jul, 21:46
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:55
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:56
	1-2km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 21:56
	2-4km S	Recorded	9	Projectile	E to W	N/K	27-Jul, 22:03
	2-4km S	Recorded	4	Projectile	In vertical flight	N/K	27-Jul, 22:04
	1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:04
	1-1.5km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 22:04
	1-3km S	Recorded	1	Projectile	SSW to NNE	N/K	27-Jul, 22:05
	0.5-0.9km S	Recorded	1	Explosion	Impact	N/K	27-Jul, 22:07
	1-1.5km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 22:07
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 22:08
	1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:14
	1-1.5km S	Recorded	1	Explosion	Airburst	N/K	27-Jul, 22:14
	0.1-0.2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:15
	1-1.5km S	Recorded	11	Explosion	Undetermined	N/K	27-Jul, 22:16
				F ***	SSE to NNW	N/K	, , , , , ,
	1-2km S	Recorded	1	Explosion	(airburst)		27-Jul, 22:17
	<1km S	Recorded	4	Projectile	NE to SW	N/K	28-Jul, 00:00
	0.7-1.5km S	Recorded	9	Projectile	E to W	N/K	28-Jul, 00:02
	2-3km E	Recorded	4	Projectile	NNE to SSW	N/K	27-Jul, 20:59
SMM camera 1km	2-3km E	Recorded	6	Projectile	SSW to NNE	N/K	27-Jul, 20:59
south-west of	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:00
Pyshchevyk	2-3km E	Recorded	4	Projectile	NNE to SSW	N/K	27-Jul, 21:00
(government-	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:01
	2-3km E	Recorded	7	Projectile	SSW to NNE	N/K	27-Jul, 21:02
controlled, 25km NE	2 JKIII L						
controlled, 25km NE of Mariupol)	2-3km E	Recorded	3	Projectile	SSW to NNE	N/K	27-Jul, 21:07

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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.

	2-3km E	Recorded	4	Projectile	SSW to NNE	N/K	27-Jul, 21:09
	2-3km E	Recorded	1	Projectile	NNE to SSW	N/K	27-Jul, 21:09
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:10
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:11
	2-3km E	Recorded	10	Projectile	S to N	N/K	27-Jul, 21:29
SMM camera in Krasnohorivka (government- controlled, 21km W	2 Jan 2	recorded	10	Trojecine	5.61	N/K	27 841, 21.25
of Donetsk)	2-4km SE	Recorded	2	Projectile	NE to SW		27-Jul, 22:54
Of Dolletsk)	3-5km ENE	Recorded	1	Burst	NNW to SSE	N/K	27-Jul, 22:07
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 22:53
SMM camera at	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 23:07
entry-exit checkpoint					In vertical	N/K	
in Maiorsk	3-5km ENE	Recorded	1	Illumination flare	flight		27-Jul, 23:17
(government-	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 23:27
controlled, 45km NE	3-5km ENE	Recorded	1	Projectile	NNW to SSE	N/K	27-Jul, 23:27
of Donetsk)	3-5km ENE	Recorded	1	Projectile	SSE to NNW	N/K	28-Jul, 00:06
,	3-5km ENE	Recorded	9	Projectile	SSE to NNW	N/K	28-Jul, 01:00
	3-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 01:01
	3-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 01:53
	3-5km ENE	Recorded	6	Projectile	SSE to NNW	N/K N/K	28-Jul, 01:53
	3-3KIII EINE	Recorded	0	Projectile			28-Jul, 01:55
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 21:47
SMM camera at	0 41 ENE	D 1.1	1	TII	In vertical	N/K	27 1 1 22 20
entry-exit checkpoint in Marinka (government-	2-4km ENE 2-4km ENE	Recorded Recorded	1	Illumination flare Illumination flare	flight In vertical flight	N/K	27-Jul, 22:20 27-Jul, 22:44
controlled, 23km SW of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 23:01
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 00:14
SMM camera at	2-4km S	Recorded	3	Projectile	E to W	N/K	27-Jul, 21:40
entry-exit checkpoint	2-4km S	Recorded	2	Projectile	W to E	N/K	27-Jul, 21:40
in Pyshchevyk	2-4km S	Recorded	2	Projectile	E to W	N/K	27-Jul, 21:41
(government-	2-4km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:53
controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 22:30
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:56
Olenivka (non-	1-2km S	Heard	3	Burst	- Inacterinined	HMG	28-Jul, 10:11
government- controlled, 25km SW						N/K	
of Donetsk)  Dokuchaievsk (non-	1-2km S 3-4km	Heard	1	Explosion	Undetermined	N/K	28-Jul, 10:14
government- controlled, 30km SW	WSW	Heard	1	Explosion	Undetermined		28-Jul, 11:40
of Donetsk)	2-3km WSW	Heard	10	Shot		Small arms AGL	28-Jul, 11:45 28-Jul, 14:01-
	2 Alam ENIE	Hoord	50	Evalorion	Impost	AGL	
	2-4km ENE	Heard	58	Explosion	Impact	NI/IZ	14:10
	2-4km ENE 2-4km ENE	Heard Heard	2 1	Explosion Explosion	Undetermined Outgoing	N/K N/K	28-Jul, 14:01 28-Jul, 14:14
SW edge of Avdiivka					Impact	N/K	
(government-	2-4km ENE	Heard	1	Explosion	(subsequent)		28-Jul, 14:14
	2-4km ENE	Heard	1	Explosion	Outgoing	N/K	28-Jul, 14:19
controlled, 17km N of Donetsk)	2-4km ENE	Heard	1	Explosion	Impact (subsequent)	N/K	28-Jul, 14:19
Dolletsk)						<del> </del>	
Donetsk)		Heard	4	Explosion	( )iitgoing	I N/K	1 28-111 14-25
Donetsky	2km ENE	Heard Heard	4	Explosion  Explosion	Outgoing Impact (subsequent)	N/K N/K	28-Jul, 14:25
Donetsky		Heard Heard Heard	4 11	Explosion  Explosion  Burst			28-Jul, 14:25 28-Jul, 14:25 28-Jul, 14:25

Vaarmurata (nan	I.	I	İ	1	1	l	1
Yasynuvata (non- government-							
controlled, 16km NE							
of Donetsk)							
2.7km N of Petrivske	2-5km SSE	Heard	4	Burst		HMG	28-Jul, 14:32- 14:50
(non-government-	2-3KIII SSE	Ticaru	7	Durst	Assessed as	IFV	14.50
controlled, 41km S of					outside the	(BMP-2)	
Donetsk)					disengagement	cannon	28-Jul, 14:32-
,	2-5km SSE	Heard	151	Shot	area	(30mm)	14:50
2km SE of						N/K	
Lebedynske							
(government-							
controlled, 16km NE							
of Mariupol)	N/K SE	Heard	3	Shot	Undetermined		28-Jul, 12:10
Hranitne (government						N/K	
controlled, 60km S of	N/// F			- ·			20 1 1 12 10
Donetsk)	N/K E	Heard	1	Explosion	Outgoing	G 11	28-Jul, 13:18
1km NNW of	0. 21 NIE	IIJ	40	C14	Undetermined	Small	28-Jul, 13:25-
Pyshchevyk	2-3km NE	Heard	40	Shot	Undetermined	arms	13:35
(government-	2-3km NE	Heard	25	Burst	Undetermined	HMG	28-Jul, 13:25- 13:35
controlled, 25km NE	2-3KIII INE	пеаги	23	Duist	Undetermined	N/K	28-Jul, 13:25-
of Mariupol)	2-3km NE	Heard	15	Explosion	Undetermined	11/13	13:35
	2-3KIII IVL	Ticara	13	Explosion	Chacterininea	HMG	27-Jul, 22:02-
	3-4km SE	Heard	27	Burst		111.10	22:05
	, <u>22</u>	1100110		Buist		HMG	27-Jul, 22:05-
	2-3km SE	Heard	11	Burst			22:07
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	27-Jul, 22:05
	1-2km S	Heard	6	Burst		HMG	27-Jul, 22:13
						Small	,
	1-2km S	Heard	4	Burst		arms	27-Jul, 22:13
	1-2km S	Heard	1	Burst		HMG	27-Jul, 22:15
	1-2km S	Heard	2	Burst		HMG	27-Jul, 22:49
	1-2km S	Heard	2	Burst		HMG	27-Jul, 23:02
	1-2km S	Heard	4	Burst		HMG	27-Jul, 23:03
	1-2km S	Heard	2	Burst		HMG	27-Jul, 23:09
	1-2km S	Heard	3	Burst		HMG	27-Jul, 23:12
	2-3km S	Heard	1	Explosion	Undetermined	N/K	27-Jul, 23:13
			_	_		Small	
	1-2km S	Heard	3	Burst		arms	27-Jul, 23:36
	1.01. 0		10	<b>.</b>		HMG	27-Jul, 23:51-
Svitlodarsk	1-2km S	Heard	18	Burst		IDAG	23:55
(government-	1-2km S	Heard	3	Burst		HMG	28-Jul, 00:04
controlled, 57km NE	1-2km S	Heard	7	Burst		HMG	28-Jul, 00:29- 00:30
of Donetsk)	1-2km S	Heard	3	Burst		HMG	28-Jul, 00:32
	1-2KIII 5	Hearu	3	Duist		IFV	26-301, 00.32
						(BMP-2)	
	1-2km S	Heard	4	Shot		cannon	28-Jul, 00:32
	1-2km S	Heard	4	Burst		HMG	28-Jul, 00:32
	2-3km S	Heard	1	Explosion	Undetermined	N/K	28-Jul, 00:56
	3-4km SSE	Heard	8	Burst		HMG	28-Jul, 01:14
				-		HMG	28-Jul, 01:25-
	1-2km S	Heard	6	Burst			01:28
						IFV	
						(BMP-2)	28-Jul, 01:25-
	1-2km S	Heard	9	Shot		cannon	01:28
	1-2km S	Heard	6	Burst		HMG	28-Jul, 02:12
	1-2km S	Heard	6	Burst		HMG	28-Jul, 02:17
				_		HMG	28-Jul, 02:18-
	1-2km S	Heard	13	Burst		***	02:21
	1-2km S	Heard	7	Burst		HMG	28-Jul, 02:22
	1.01 6		1.0	D.		HMG	28-Jul, 02:27-
	1-2km S	Heard	12	Burst			02:28

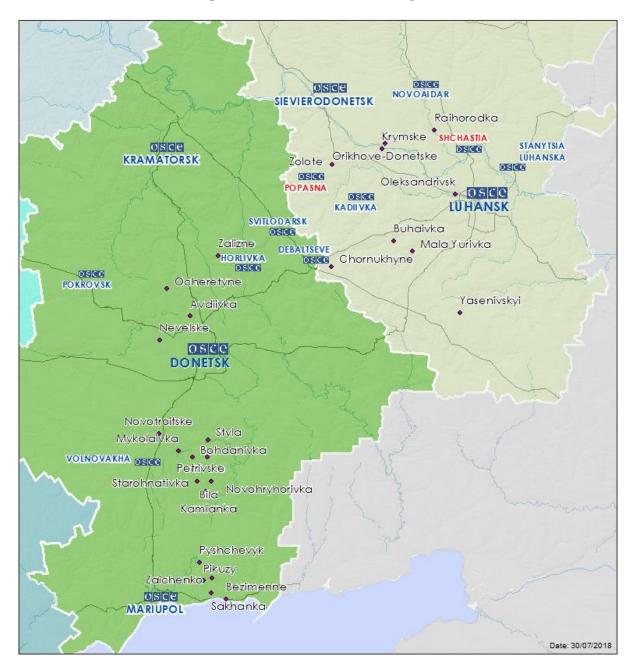
	I	<u> </u>			1	HMG	28-Jul, 02:34-
	2-4km SSE	Heard	18	Burst		IIIVIO	02:37
						Small	28-Jul, 02:34-
	2-4km SSE	Heard	12	Burst		arms	02:37
	2-4km SSE	Heard	3	Explosion	Undetermined	N/K	28-Jul, 02:34
	1-2km S	Heard	14	Burst		HMG	28-Jul, 02:51
						Small	
	1-2km S	Heard	6	Burst		arms	28-Jul, 02:51
	1-2km S	Heard	4	Burst		HMG	28-Jul, 03:02
						Mortar	
						(type	
	2-3km S	Heard	2	Explosion	Impact	N/K)	28-Jul, 03:02
	1-2km S	Heard	3	Burst	•	HMG	28-Jul, 03:09
	1-2km S	Heard	14	Burst		HMG	28-Jul, 03:23
	1-2km S	Heard	2	Burst		HMG	28-Jul, 03:36
W outskirts of	5-6km SSE	Heard	5	Burst	Undetermined	HMG	28-Jul, 11:42
Horlivka (non-						N/K	,
government							
controlled, 39km NE							
of Donetsk)	4-6km NNE	Heard	1	Explosion	Undetermined		28-Jul, 12:53
E edge of						Small	
Novobakhmutivka						arms	
(government-							
controlled, 28km							28-Jul, 11:47-
north of Donetsk)	2-3km N	Heard	15	Shot			11:50
	3-5km					N/K	
6km NW of Donetsk	NNW	Heard	1	Explosion	Undetermined		28-Jul, 15:29
city centre (non-						N/K	28-Jul, 15:29-
government-	3-5km NNE	Heard	19	Explosion	Undetermined		16:17
controlled)					Uncountable	Small	28-Jul, 15:29-
	3-5km NNE	Heard		Shot and burst	overlapping	arms	16:17
3km E of						Small	
Chornukhyne (non-					Assessed as	arms	
government-					directed at an		
controlled, 64km SW					SMM mini-		
of Luhansk)	0.6km SE	Heard	4	Shot	UAV		28-Jul, 11:08
					Undetermined	N/K	
1km N of Stanytsia					(assessed as		
Luhanska bridge					outside the		
(15km NE of					disengagement		
Luhansk)	2-3km SE	Heard	1	Explosion	area )		28-Jul, 13:18
SMM camera in						N/K	
Avdiivka							
(government-					T 1		
controlled, 17km N of	2.41 GE	D 1.1	1	111 · (1	In vertical		20 1 1 21 11
Donetsk)	2-4km SE 0.8-1km S	Recorded	1	Illumination flare	flight	NI/IZ	28-Jul, 21:11
		Recorded	1	Muzzle flash	E to W	N/K	28-Jul, 21:02
	1-1.5km S	Recorded	3	Projectile	E to W	N/K	28-Jul, 21:02
	0.5-1.5km S	Recorded	4	Projectile	E to W	N/K	28-Jul, 21:03
	0.5-0.7km S	Recorded	1	Projectile	NW to SE	N/K	28-Jul, 21:05
	1-1.5km S	Recorded	4	Projectile	SE to NW	N/K	28-Jul, 21:07
	0.8-1km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 21:10
	1.2-1.5km S	Recorded	1	Projectile	SE to NW	N/K	28-Jul, 21:27
SMM camera at	1.2-1.5km S	Recorded	4	Projectile	E to W	N/K	28-Jul, 21:36
Donetsk Filtration	1-1.5km S	Recorded	11	Projectile	E to W	N/K	28-Jul, 21:39
Station (15km N of	0.7-1.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 21:58
Donetsk)	0.7-1.5km S	Recorded	4	Projectile	W to E	N/K	28-Jul, 22:00
,	0.8-1.2km S	Recorded	1	Projectile	W to E	N/K	28-Jul, 22:01
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:01
	1-1.5km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:07
	0.8-1.2km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:08
	1.5-2.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 22:10
	1.5-2.5km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:10
				TD 1 .11	1 17 4 337		
	1.5-2.5km S 0.7-1.5km S	Recorded Recorded	3	Projectile Projectile	E to W E to W	N/K N/K	28-Jul, 22:10 28-Jul, 22:11

	7 0 7 1 51 6	ي.يم ا	1 2	D :4:1-	W 4- E	NI/IZ	20 1-1 22-11
	0.7-1.5km S 0.8-1.5km S	Recorded Recorded	2 2	Projectile Projectile	W to E	N/K N/K	28-Jul, 22:11
	1-1.5km S	Recorded	1	Projectile	E to W	N/K N/K	28-Jul, 22:12 28-Jul, 22:16
	0.2-0.3km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:49
	0.2-0.3KIII S	Recorded	1	Explosion	In vertical	N/K	26-Jul, 22.49
	1.5-2.5km S	Recorded	1	Illumination flare	flight	14/1	28-Jul, 23:22
	1.5-2.5km S	Recorded	3	Projectile	W to E	N/K	29-Jul, 02:53
	1.5-2.5km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 02:54
	1.5-2.5km S	Recorded	2	Projectile	NW to SE	N/K	29-Jul, 03:15
	2-6km E	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:05
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:23
SMM camera 1km	2-6km ENE	Recorded	3	Projectile	NNW to SSE	N/K	28-Jul, 22:43
south-west of	2-6km E	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:05
Pyshchevyk	2-6km E	Recorded	1	Projectile	S to N	N/K	28-Jul, 23:05
(government-	2-6km E	Recorded	1	Projectile	S to N	N/K	28-Jul, 23:13
controlled, 25km NE	2-6km E	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:40
of Mariupol)	2-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 23:52
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 00:25
	2-6km E	Recorded	2	Projectile	N to S	N/K	29-Jul, 02:49
	2 41 ENIE	Danadad	1	TII	In vertical	N/K	20 1-1 21-22
	2-4km ENE 2-4km ENE	Recorded Recorded	1 4	Illumination flare Burst	flight NE to SW	N/K	28-Jul, 21:23
	2-4km ENE 2-4km ENE	Recorded	3	Projectile Projectile	NNW to SSE	N/K N/K	28-Jul, 21:49 28-Jul, 21:49
	1-2km ENE	Recorded	3	Projectile	S to N	N/K N/K	28-Jul, 21:49 28-Jul, 22:08
	1-2KIII EINE	Recorded	3	Tiojectile	In vertical	N/K	26-341, 22.06
	2-4km ENE	Recorded	1	Illumination flare	flight	14/15	28-Jul, 22:11
	2-4km ENE	Recorded	6	Projectile	S to N	N/K	28-Jul, 22:12
	2-4km ENE	Recorded	5	Projectile	NNW to SSE	N/K	28-Jul, 22:12
	3-4km ENE	Recorded	1	Burst	NNW to SSE	N/K	28-Jul, 22:13
					In vertical	N/K	, , , , , ,
	3-4km ENE	Recorded	1	Illumination flare	flight		28-Jul, 22:14
	3-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 22:14
	2-4km ENE	Recorded	5	Projectile	SSE to NNW	N/K	28-Jul, 22:15
					In vertical	N/K	
	2-4km ENE	Recorded	2	Illumination flare	flight		28-Jul, 22:15
SMM camera at	2-4km ENE	Recorded	3	Projectile	SSW to NNE	N/K	28-Jul, 22:16
entry-exit checkpoint	2.21 ENE	D 1.1		T11	In vertical	N/K	20 1 1 22 17
in Maiorsk	2-3km ENE 1-2km ENE	Recorded	1	Illumination flare	flight NNW to SSE	N/K	28-Jul, 22:17
(government-	1-2km ENE 1-2km ENE	Recorded Recorded	1 2	Projectile Projectile	S to N	N/K N/K	28-Jul, 22:19 28-Jul, 22:19
controlled, 45km NE	1-2KIII EINE	Recorded		Fiojectile	In vertical	N/K N/K	20-Jul, 22.19
of Donetsk)	2-3km ENE	Recorded	1	Illumination flare	flight	14/14	28-Jul, 22:31
	2 Jan Ert	Recorded	-	mammacon nare	In vertical	N/K	20 341, 22.31
	2-3km ENE	Recorded	1	Illumination flare	flight	1,112	28-Jul, 22:41
					In vertical	N/K	ĺ
	2-3km ENE	Recorded	1	Illumination flare	flight		28-Jul, 22:50
					In vertical	N/K	
	2-4km ENE	Recorded	1	Illumination flare	flight		28-Jul, 22:51
	2-4km ENE	Recorded	6	Projectile	SW to NE	N/K	28-Jul, 22:51
					In vertical	N/K	
	2-3km ENE	Recorded	1	Illumination flare	flight		28-Jul, 23:06
	2-3km ENE	Recorded	12	Projectile	SSW to NNE	N/K	28-Jul, 23:07
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:08
	1-2km ENE	Recorded	6	Projectile	N to S	N/K	28-Jul, 23:09
	1-2km ENE 1-2km ENE	Recorded Recorded	1	Projectile Projectile	NW to SE NW to SE	N/K N/K	28-Jul, 23:09
	1-2km ENE	Recorded	1	Projectile	S to N	N/K N/K	28-Jul, 23:10 28-Jul, 23:22
	3-4km ENE	Recorded	3	Projectile	E to W	N/K	29-Jul, 00:43
SMM camera at	1-2km N	Recorded	1	Projectile	W to E	N/K	28-Jul, 23:13
entry-exit checkpoint			•		In vertical	N/K	
in Marinka	1-2km N	Recorded	1	Illumination flare	flight		28-Jul, 23:13
(government-	1-2km N	Recorded	6	Projectile	W to E	N/K	28-Jul, 23:15
controlled, 23km SW	1-2km N	Recorded	6	Projectile	W to E	N/K	28-Jul, 23:17
of Donetsk)	1-2km N	Recorded	12	Projectile	W to E	N/K	28-Jul, 23:19

	1-2km N	Recorded	1	Projectile	W to E	N/K	28-Jul, 23:20
	1 ZKIII IV	Recorded	1	Trojectiic	In vertical	N/K	20 341, 23.20
	1-2km N	Recorded	1	Illumination flare	flight	10,12	28-Jul, 23:33
	1-2km N	Recorded	3	Projectile	W to E	N/K	28-Jul, 23:35
	1-2km N	Recorded	8	Projectile	W to E	N/K	28-Jul, 23:36
	1-2km N	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 23:47
	1-2km N	Recorded	5	Projectile	W to E	N/K	28-Jul, 23:48
	1-2KIII IN	Recorded	3	riojecine	In vertical	N/K	26-Jul, 23.46
	1 21rm N	Dagondad	1	Illumination flare		IN/IX	20 1.1 22.52
	1-3km N	Recorded	1		flight	NI/IZ	28-Jul, 23:53
	1-2km N	Recorded	1	Projectile	SSE to NNW	N/K	28-Jul, 23:53
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 00:05
	1-4km N	Recorded	3	Projectile	SSE to NNW	N/K	29-Jul, 02:36
	1-4km N	Recorded	6	Projectile	W to E	N/K	29-Jul, 02:36
	1-3km N	Recorded	9	Projectile	W to E	N/K	29-Jul, 02:41
	1-2km N	Recorded	1	Projectile	W to E	N/K	29-Jul, 02:44
	1-2km N	Recorded	3	Projectile	W to E	N/K	29-Jul, 02:45
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:47
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:50
	1-2km N	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 02:51
	1-2km N	Recorded	8	Projectile	W to E	N/K	29-Jul, 02:55
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:56
	2-4km S	Recorded	4	Projectile	W to E	N/K	28-Jul, 11:51
SMM camera at	4-7km S	Recorded	2	Projectile	W to E	N/K	29-Jul, 00:02
entry-exit checkpoint	2-4km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 00:02
in Pyshchevyk	2-4km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 00:19
(government-	4-7km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 00:49
controlled, 25km NE	3-6km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 00:36
of Mariupol)	3-6km S	Recorded	1	Illumination flare	N to S	N/K	29-Jul, 01:06
	2-4km S	Recorded	1	Projectile Projectile	E to W	N/K	29-Jul, 01:26
	2-4KIII 5	Recorded	1	Tiojectife	Assessed as	Small	27-3u1, 01.20
					outside the	arms	
						arms	
	2-4km SE	Heard	3	Shot	disengagement area		29-Jul, 10:24
	Z-4KIII SE	Heard	3	SHOT	Undetermined	N/K	29-Jul, 10.24
					(assessed as	IN/IX	
					`		
					outside the		
2km N of Petrivske	2 41rm CE	Heard	2	Evalorion	disengagement area)		20 Jul 10.21
(non-government-	2-4km SE	пеаги		Explosion	Undetermined	N/K	29-Jul, 10:31
controlled, 41km S of					(assessed as	IN/IX	
Donetsk)					(		
					outside the		
	2 41 CE	TTJ	2	E1	disengagement		20 11 10.56
	2-4km SE	Heard	3	Explosion	area) Undetermined	N/K	29-Jul, 10:56
						N/K	
					(assessed as		
					outside the		
	2.51 05		1	Б 1 .	disengagement		20 1 1 11 02
1.01 37 6	3-5km SE	Heard	1	Explosion	area)	**************************************	29-Jul, 11:02
1.2km N of						IFV	
Novotroitske (Government-	1	1				(BMP-2)	
`						cannon	
controlled, 36km SW	2.21 275		1.7	ъ.		Callion	29-Jul, 15:05-
controlled, 36km SW of Donetsk)	2-3km NE	Heard	15	Burst			15:15
controlled, 36km SW of Donetsk) 2km SE of	2-3km NE N/K ESE	Heard Heard	15 5	Burst Burst		HMG	
controlled, 36km SW of Donetsk) 2km SE of Lebedynske						HMG Small	15:15
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government-						HMG	15:15
controlled, 36km SW of Donetsk) 2km SE of Lebedynske (government- controlled, 16km NE	N/K ESE	Heard	5	Burst		HMG Small	15:15 29-Jul, 11:50
controlled, 36km SW of Donetsk) 2km SE of Lebedynske (government-	N/K ESE	Heard Heard	5	Burst Shot		HMG Small arms	15:15 29-Jul, 11:50 29-Jul, 11:50
controlled, 36km SW of Donetsk) 2km SE of Lebedynske (government- controlled, 16km NE	N/K ESE  N/K ESE  2-3km SSE	Heard Heard Heard	5 1 4	Shot Burst		HMG Small arms	15:15 29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government- controlled, 16km NE of Mariupol)	N/K ESE  N/K ESE  2-3km SSE  2-3km SSE	Heard Heard Heard Heard	1 4 3	Shot Burst Burst Burst		HMG Small arms HMG HMG	15:15 29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32 28-Jul, 19:37
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government- controlled, 16km NE of Mariupol)  Svitlodarsk	N/K ESE  N/K ESE  2-3km SSE	Heard Heard Heard	5 1 4	Shot Burst		HMG Small arms HMG HMG	15:15 29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32 28-Jul, 19:37 28-Jul, 19:44
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government- controlled, 16km NE of Mariupol)  Svitlodarsk (government-	N/K ESE  N/K ESE  2-3km SSE  2-3km SSE  2-3km SSE	Heard Heard Heard Heard	1 4 3 3	Shot Burst Burst Burst		HMG Small arms HMG HMG	29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32 28-Jul, 19:37 28-Jul, 19:44 28-Jul, 21:47-
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)  Svitlodarsk (government-controlled, 57km NE	N/K ESE  N/K ESE  2-3km SSE  2-3km SSE  2-3km SSE  3-4km SE	Heard Heard Heard Heard Heard Heard	1 4 3	Shot Burst Burst Burst Burst		HMG Small arms HMG HMG HMG	29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32 28-Jul, 19:37 28-Jul, 19:44 28-Jul, 21:47- 21:48
controlled, 36km SW of Donetsk)  2km SE of Lebedynske (government- controlled, 16km NE of Mariupol)  Svitlodarsk (government-	N/K ESE  N/K ESE  2-3km SSE  2-3km SSE  2-3km SSE	Heard Heard Heard Heard	1 4 3 3	Shot Burst Burst Burst Burst		HMG Small arms HMG HMG	29-Jul, 11:50 29-Jul, 11:50 28-Jul, 19:32 28-Jul, 19:37 28-Jul, 19:44 28-Jul, 21:47-

3-4km SE	Heard	4	Burst	HMG	28-Jul, 22:45
				HMG	28-Jul, 23:06-
3-4km SE	Heard	13	Burst		23:08
3-4km SE	Heard	9	Burst	HMG	28-Jul, 23:33

## Map of Donetsk and Luhansk regions<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).