Table of ceasefire violations as of 12 July 2019¹

	Event						
SMM position	location	Means	No.	Observation	Description	Weapon	Date, time
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 20:59
	4-6km SSE	Recorded	5	Projectile	ENE to WSW	N/K	11-Jul, 21:02
	4-6km SSE	Recorded	20	Projectile	ENE to WSW	N/K	11-Jul, 21:06
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:06
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:06
	0.5-1km S	Recorded	7	Projectile	WNW to ESE	N/K	11-Jul, 21:09
	0.5-1km S	Recorded	15	Projectile	WNW to ESE	N/K	11-Jul, 21:10
	0.5-1km S	Recorded	10	Projectile	WNW to ESE	N/K	11-Jul, 21:11
	4-6km SSE	Recorded	9	Projectile	WSW to ENE	N/K	11-Jul, 21:12
	4-6km SSE	Recorded	7	Projectile	WSW to ENE	N/K	11-Jul, 21:13
	5-7km S	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:13
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:14
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:14
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	11-Jul, 21:15
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:15
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:16
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:16
	4-6km SSE	Recorded	1	Burst		N/K	11-Jul, 21:16
	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Jul, 21:17
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:18
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:18
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:19
	4-6km SSE	Recorded	1	Burst		N/K	11-Jul, 21:19
SMM camera in	4-6km SSE	Recorded	8	Projectile	WSW to ENE	N/K	11-Jul, 21:20
Chermalyk	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Jul, 21:21
(government-	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:21
controlled, 31km	4-6km SSE	Recorded	1	Burst	11011102112	N/K	11-Jul, 21:23
NE of Mariupol)	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:23
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:25
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:25
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:26
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:26
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:27
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:27
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:28
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:30
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:30
	4-6km SSE	Recorded		Projectile	WSW to ENE	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	1	Projectile		N/K N/K	11-Jul, 21:32
	4-6km SSE	Recorded	40	Projectile	ENE to WSW ENE to WSW	N/K N/K	11-Jul, 21:32
			30	Projectile		N/K N/K	
	4-6km SSE 4-6km SSE	Recorded Recorded			WSW to ENE	N/K N/K	11-Jul, 21:36 11-Jul, 21:36
	4-6km SSE		1	Projectile	WSW to ENE	N/K N/K	
		Recorded	1	Explosion	Impact		11-Jul, 21:36
	4-6km SSE	Recorded	2	Explosion	Undetermined	N/K	11-Jul, 21:37
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:37
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:41
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:43
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	11-Jul, 21:44
	5-7km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44

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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.

4-6 4-6 4-6 5-7 4-6 5-7 4-6 4-6 4-6 4-6 4-6 4-6 4-6 4-6	6km SSE 6km SSE 6km SSE 6km SSE 6km SSE 6km SSE 7km S 6km SSE 7km S 6km SSE 7km S 6km SSE 6km SSE 6km SSE 6km SSE	Recorded	1 3 2 3 3 3 1 1 1 1 1 3 2 1 1 1 5 2	Explosion Projectile Projectile Projectile Projectile Projectile Projectile Explosion Muzzle flash Projectile Projectile Projectile Projectile Projectile Projectile Explosion Muzzle flash Projectile Projectile Projectile Explosion Projectile Explosion Projectile Explosion Projectile	Undetermined WSW to ENE ENE to WSW WSW to ENE WSW to ENE WSW to ENE WSW to ENE Undetermined WSW to ENE Undetermined ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K	11-Jul, 21:45 11-Jul, 21:45 11-Jul, 21:45 11-Jul, 21:46 11-Jul, 21:47 11-Jul, 21:47 11-Jul, 21:48 11-Jul, 21:50 11-Jul, 21:50 11-Jul, 21:54 11-Jul, 21:55 11-Jul, 22:41 11-Jul, 23:01 11-Jul, 23:01 11-Jul, 23:05 11-Jul, 23:28 11-Jul, 23:31
4-6 4-6 5-7 4-6 5-7 4-6 4-6 4-6 4-6 4-6 4-6 4-6 4-6	6km SSE 6km SSE 6km SSE 7km S 6km SSE 7km S 6km SSE 7km S 6km SSE 6km SSE 6km SSE 7km SSE 6km SSE 7km SSE 6km SSE	Recorded	2 3 3 3 1 1 1 1 1 3 2 1 1 1 5 2	Projectile Projectile Projectile Projectile Projectile Explosion Muzzle flash Projectile Projectile Projectile Projectile Muzzle flash Muzzle flash Projectile Explosion Projectile Explosion Projectile	WSW to ENE WSW to ENE WSW to ENE Undetermined WSW to ENE Undetermined ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K	11-Jul, 21:45 11-Jul, 21:46 11-Jul, 21:47 11-Jul, 21:47 11-Jul, 21:48 11-Jul, 21:48 11-Jul, 21:50 11-Jul, 21:50 11-Jul, 21:54 11-Jul, 22:41 11-Jul, 22:41 11-Jul, 23:01 11-Jul, 23:01 11-Jul, 23:05 11-Jul, 23:28 11-Jul, 23:31
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4-6 4-6 4-6 5-7 4-6 4-6 9-1 9-1 9-1 9-1	6km S 6km SSE 6km SSE 7km SSE 6km SSE 6km SSE 12km S 12km S 12km S 12km S	Recorded Recorded Recorded Recorded Recorded Recorded Recorded Recorded	2 1 1 1 5 2	Muzzle flash Muzzle flash Projectile Explosion Projectile Projectile	WSW to ENE Undetermined ENE to WSW ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K N/K N/K N/K N/K N/K	11-Jul, 22:41 11-Jul, 23:01 11-Jul, 23:01 11-Jul, 23:05 11-Jul, 23:28 11-Jul, 23:31
4-6 4-6 5-7 4-6 4-6 9-1 9-1 9-1 9-1	6km SSE 6km SSE 7km SSE 6km SSE 6km SSE 12km S	Recorded Recorded Recorded Recorded Recorded Recorded Recorded	1 1 1 5 2	Muzzle flash Projectile Explosion Projectile Projectile	Undetermined ENE to WSW ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K N/K N/K N/K N/K	11-Jul, 23:01 11-Jul, 23:01 11-Jul, 23:05 11-Jul, 23:28 11-Jul, 23:31
4-6 5-7 4-6 4-6 9-1 9-1 9-1 9-1	6km SSE 7km SSE 6km SSE 6km SSE 12km S 12km S 12km S 12km S 12km S	Recorded Recorded Recorded Recorded Recorded Recorded	1 1 5 2	Projectile Explosion Projectile Projectile	Undetermined ENE to WSW ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K N/K N/K N/K	11-Jul, 23:01 11-Jul, 23:05 11-Jul, 23:28 11-Jul, 23:31
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9-1 9-1 9-1 9-1 9-1	6km SSE 6km SSE 12km S 12km S 12km S 12km S	Recorded Recorded Recorded Recorded	5 2	Projectile Projectile	ENE to WSW ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K N/K	11-Jul, 23:28 11-Jul, 23:31
9-1 9-1 9-1 9-1 9-1	12km S 12km S 12km S 12km S 12km S	Recorded Recorded	1	Projectile	ENE to WSW Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K	11-Jul, 23:31
9-1 9-1 9-1 9-1 9-1	12km S 12km S 12km S 12km S 12km SSE	Recorded Recorded	1		Undetermined, also recorded by Pyshchevyk camera Undetermined, also recorded by		
9-1 9-1 9-1	12km S 12km S 12km SSE	Recorded		Explosion	also recorded by Pyshchevyk camera Undetermined, also recorded by	N/K	12-Jul, 00:09
9-1 9-1 9-1	12km S 12km S 12km SSE	Recorded		Explosion	Pyshchevyk camera Undetermined, also recorded by	N/K	12-Jul, 00:09
9-1 9-1 9-1	12km S 12km S 12km SSE	Recorded		Explosion	camera Undetermined, also recorded by	N/K	12-Jul, 00:09
9-1 9-1 9-1	12km S 12km S 12km SSE	Recorded		Explosion	Undetermined, also recorded by	1 1/1X	12 Jul, 00.07
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9-1 9-1	12km S 12km SSE		1			1	
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9-1 9-1	12km S 12km SSE	Recorded		Explosion	camera	N/K	12-Jul, 00:11
			3	Explosion	Undetermined	N/K	12-Jul, 00:14
9-1	121 C	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:24
	12km S	Recorded	2	Projectile	In vertical flight	N/K	12-Jul, 01:24
					W to E (also		
					recorded by		
					Pyshchevyk		
	12km S	Recorded	1	Projectile	camera)	N/K	12-Jul, 01:24
	12km S	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:24
	12km S	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:25
SMM comerc of	2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 21:57
Donatals 1-2	2km SSW	Recorded	1 7	Projectile	SSE to NNW	N/K	11-Jul, 21:57
Filtration Station 1-2	2km SSW	Recorded	7	Projectile	WNW to ESE	N/K	11-Jul, 22:32
L L J K M IN OI	2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 23:16
	2km SSW	Recorded	3	Projectile	W to E	N/K	11-Jul, 23:18
	2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	12-Jul, 01:50
l	3km ENE 3km ENE	Recorded	1	Projectile Explosion	NNW to SSE	N/K N/K	11-Jul, 21:17
		Recorded	1		Undetermined		11-Jul, 21:17
	3km ENE 3km ENE	Recorded Recorded	2 1	Projectile Projectile	WNW to ESE WNW to ESE	N/K N/K	11-Jul, 21:18 11-Jul, 21:25
l	3km E	Recorded	1	Muzzle flash	WINW WESE	N/K N/K	11-Jul, 21:25
	3km ENE	Recorded	1	Projectile	WNW to ESE	N/K N/K	11-Jul, 21:28
· · · · · · · · · · · · · · · · · · ·	3km ENE	Recorded	1	Muzzle flash	TITTE TO EDE	N/K	11-Jul, 21:28
l	3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:31
	3km ENE	Recorded	1	Muzzle flash	10 LDL	N/K	11-Jul, 21:31
	3km ENE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:31
	3km ENE	Recorded	2	Projectile	WNW to ESE	N/K	11-Jul, 21:37
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	3km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:41
	3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	11-Jul, 21:46
	3km ESE	Recorded	12	Projectile	SW to NE	N/K	11-Jul, 21:46
	3km ENE	Recorded	3	Projectile	WNW to ESE	N/K	11-Jul, 21:47
	3km ESE	Recorded	5	Projectile	SW to NE	N/K	11-Jul, 21:47
	3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	11-Jul, 21:48
	3km ENE	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 21:49
	3km ENE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:49
	3km E	Recorded	1	Projectile	In vertical flight	N/K	11-Jul, 21:49
	JKIII L	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:50

	1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:51
	4-7km ENE	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:24
	4-7km ESE	Recorded	11	Projectile	SW to NE	N/K	12-Jul, 01:24
	4-7km ESE	Recorded	5	Projectile	SW to NE	N/K	12-Jul, 01:25
	4-7km ESE	Recorded	7	Projectile	SW to NE	N/K	12-Jul, 01:28
	4-7km ESE	Recorded	1	Projectile	In vertical flight	N/K	12-Jul, 01:29
	4-7km ESE	Recorded	1	Projectile	W to E	N/K	12-Jul, 01:30
	4-7km E	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:30
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
	2-4km ENE	Recorded	1	Muzzle flash	Ondetermined	N/K	11-Jul, 21:17
SMM camera E	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
of Lomakyne	2-4km NE	Recorded	1	Explosion	Undetermined	N/K N/K	11-Jul, 21:19
(government-	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:19
controlled, 15km	2-4km NE	Recorded	1	Projectile	W to E	N/K N/K	11-Jul, 21:25
NE of Mariupol)					WIOE	N/K N/K	
	2-4km ENE	Recorded	3	Muzzle flash	II. 1.4		11-Jul, 21:30
CMM	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:36
SMM camera at	1-3km E	Recorded	1	Projectile	SW to NE	N/K	11-Jul, 22:33
entry-exit	1-3km E	Recorded	4	Projectile	SW to NE	N/K	11-Jul, 22:34
checkpoint in Maiorsk	1-3km ENE	Recorded	7	Projectile	N to S	N/K	11-Jul, 22:35
(government-							
controlled, 45km NE of Donetsk)	1-3km E	Recorded	4	Projectile	N to S	N/K	11-Jul, 23:09
NE 01 Dolletsk)	0.5-1km NNE	Recorded	1	Projectile	ESE to WNW	N/K	11-Jul, 22:26
							·
	2-3km N	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:26
SMM camera at	2-3km NNE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:27
entry-exit	2-3km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:27
checkpoint in	2-3km NNE	Recorded	2	Muzzle flash		N/K	11-Jul, 22:27
Marinka	0.5-1km NNE	Recorded	1	Projectile	ESE to WNW	N/K	11-Jul, 22:27
(government-	2-3km NNE	Recorded	4	Projectile	E to W	N/K	11-Jul, 22:29
controlled, 23km	0.5-1km N	Recorded	1	Projectile	ESE to WNW	N/K	12-Jul, 01:09
SW of Donetsk)	2-3km NNE	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:56
2 01 = 0(10)	2-3km NNE	Recorded	1	Projectile	In vertical flight	N/K	12-Jul, 01:56
	2-3km NNE	Recorded	3	Projectile	W to E	N/K	12-Jul, 02:19
	2-3km NNE	Recorded	4	Projectile	WNW to ESE	N/K	12-Jul, 02:20
SMM camera at							
Oktiabr mine							
(non-							
government-							
controlled, 9km							
NW of Donetsk	2.41 NE	D 1 . 1	1	P. of color	II. 1.4	NT/TZ	11 1 1 22 41
city centre)	3-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:41
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	11-Jul, 20:50
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 20:58
	2-4km S	Recorded	5	Projectile	E to W	N/K	11-Jul, 21:02
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:02
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:02
	2-4km S	Recorded	4	Projectile	E to W	N/K	11-Jul, 21:03
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:03
SMM camera at	2-4km S	Recorded	3	Projectile	E to W	N/K	11-Jul, 21:04
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:06
entry-exit	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:07
checkpoint in	2-4km S	Recorded	1	Projectile	E to W	N/K	11-Jul, 21:07
Pyshchevyk	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:13
(government- controlled, 25km	2-4km S	Recorded	2	Projectile	NW to SE	N/K	11-Jul, 21:14
	2-4km S	Recorded	3	Projectile	W to E	N/K	11-Jul, 21:16
NE of Mariupol)	2-4km S	Recorded	8	Projectile	W to E	N/K	11-Jul, 21:17
	2-4km S	Recorded	2	Projectile	NE to SW	N/K	11-Jul, 21:19
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:19
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:20
	2-4km S	Recorded	10	Projectile	W to E	N/K	11-Jul, 21:21
	2-4km S	Recorded	10	Projectile	W to E	N/K	11-Jul, 21:27
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:27
	2-4km S 2-4km S	Recorded	6	Projectile	NW to SE	N/K N/K	11-Jul, 21:27 11-Jul, 21:30
					1 IN VV 1(1 .N.C.		

1 2 41 0	ا با با ما	1	L 10	LEA. W	NI/IZ	L 11 T 1 21 26
2-4km S 2-4km S	Recorded Recorded	1 1	Projectile Explosion	E to W Undetermined	N/K N/K	11-Jul, 21:36 11-Jul, 21:36
2-4km S	Recorded	9	Projectile	N to S	N/K N/K	11-Jul, 21:37
2-4km S	Recorded	2	Projectile	E to W	N/K	11-Jul, 21:37
2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:37
2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:38
2-4km S	Recorded	2	Projectile	E to W	N/K	11-Jul, 21:38
2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 21:38
2-4km S	Recorded	6	Projectile	E to W	N/K	11-Jul, 21:39
2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 21:39
2-4km S	Recorded	2	Projectile	W to E	N/K	11-Jul, 21:39
2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:43
2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44
2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:44
2-4km S	Recorded	1	Projectile	N to S	N/K	11-Jul, 21:44
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44
2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:45
2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:45
2-4km SSE	Recorded	16	Projectile	W to E	N/K	11-Jul, 21:46
2-4km SSE	Recorded	4	Muzzle flash		N/K	11-Jul, 21:46
2-4km S	Recorded	13	Projectile	W to E	N/K	11-Jul, 21:47
2-4km S	Recorded	2	Projectile	N to S	N/K	11-Jul, 21:47
2-4km SSE	Recorded	3	Projectile	W to E	N/K	11-Jul, 21:48
2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:48
2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:49
2-4km S	Recorded	1	Projectile	N to S	N/K	11-Jul, 22:01
2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 22:21
2-4km S	Recorded	11	Projectile	NNE to SSW	N/K	11-Jul, 22:33
2-4km S	Recorded	6	Projectile	NNW to SSE	N/K	11-Jul, 22:37
2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 22:55
2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 23:01
2-4km S	Recorded	2	Projectile	NW to SE	N/K	11-Jul, 23:01
2-4km S	Recorded	2	Projectile	NE to SW	N/K	11-Jul, 23:02
2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:03
2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 23:05
2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:05
2-4km S	Recorded	4	Projectile	W to E	N/K	11-Jul, 23:12
2-4km S	Recorded	2	Projectile	N to S	N/K	11-Jul, 23:15
2-4km S	Recorded	1	Projectile Illumination	W to E	N/K	11-Jul, 23:15
2-4km S	Dagardad	1		In ventical flight	NI/IZ	11 1.1 22.27
2-4km S	Recorded Recorded	1 1	flare Projectile	In vertical flight NE to SW	N/K N/K	11-Jul, 23:27 11-Jul, 23:52
2-4KIII S	Recorded	1	Illumination	NE to 5 W	IN/IX	11-Jul, 23.32
2-4km S	Recorded	1	flare	In vertical flight	N/K	11-Jul, 23:58
~ IKIII U	recorded	1	11010	Undetermined,	1 1/ 1%	11 341, 23.30
				also recorded by		
				Chermalyk		
3-6km S	Recorded	1	Explosion	camera	N/K	12-Jul, 00:09
			-	Undetermined,		
				also recorded by		
				Chermalyk		
2-4km S	Recorded	1	Explosion	camera	N/K	12-Jul, 00:11
2-4km S	Recorded	8	Projectile	W to E	N/K	12-Jul, 00:50
2-4km S	Recorded	10	Projectile	W to E	N/K	12-Jul, 00:51
2-4km SSW	Recorded	1	Muzzle flash	1	N/K	12-Jul, 00:51
2-4km S	Recorded	9	Projectile	W to E	N/K	12-Jul, 00:52
2-4km S	Recorded	1	Projectile	N to S	N/K	12-Jul, 00:52
2-4km SSE	Recorded	4	Explosion	Airburst	N/K	12-Jul, 01:14
2-4km SSE	Recorded	11	Projectile	W to E	N/K	12-Jul, 01:15
2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:16
				W to E (also		
				recorded by		
2-4km SSE	Recorded	1	Projectile	Chermalyk camera)	N/K	12-Jul, 01:24
∠-4KIII SSE	Recorded	1	1 rojectile	camera)	1 N / IX	12-Jul, 01.24

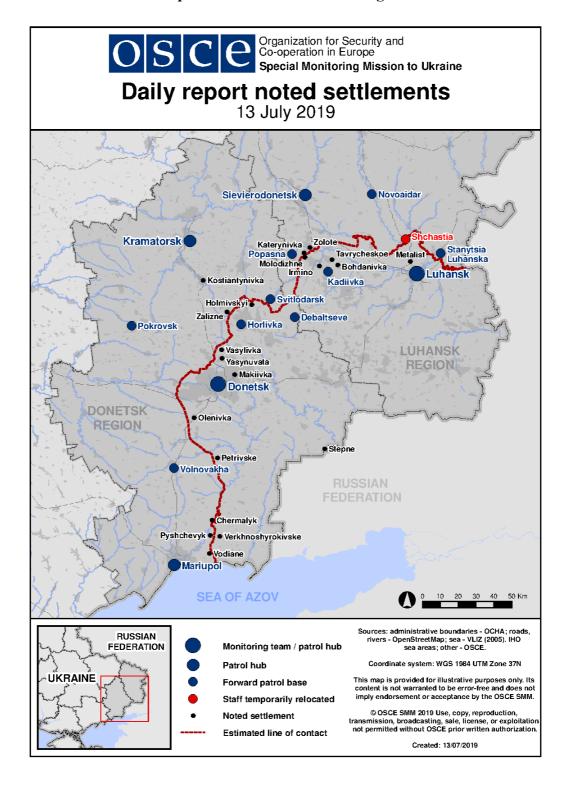
	1	1	1	•	1	II.	ı
	2-4km SSE	Recorded	1	Muzzle flash		N/K	12-Jul, 01:24
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	12-Jul, 01:24
	2-4km SSE	Recorded	2	Projectile	NNW to SSE	N/K	12-Jul, 01:24
	2-4km SSE	Recorded	1	Muzzle flash	W. F	N/K	12-Jul, 01:25
	2-4km SSE	Recorded Recorded	4 14	Projectile	W to E W to E	N/K N/K	12-Jul, 01:25
	2-4km S 2-4km S			Projectile Projectile	NNW to SSE	N/K N/K	12-Jul, 01:28
		Recorded	1			N/K N/K	12-Jul, 01:28
	2-4km S	Recorded Recorded	3	Projectile Projectile	W to E NNW to SSE	N/K N/K	12-Jul, 01:29
	2-4km S 2-4km SSE	Recorded	1	Projectile	W to E	N/K N/K	12-Jul, 01:29 12-Jul, 01:30
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:30
	2-4km S	Recorded	3	Projectile	W to E	N/K	12-Jul, 02:29
	2-4km S	Recorded	1	Projectile	N to S	N/K	12-Jul, 02:29
	2-4km S	Recorded	1	Projectile	W to E	N/K	12-Jul, 03:39
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 09:08
	J-4KIII SE	Ticaru	1	Lapiosion	Onacterninea	IV/IX	12-Jul, 09:13-
	2-4km E	Heard	3	Explosion	Undetermined	N/K	09:15
	1-2km SE	Heard	1	Shot	Ondetermined	Small arms	12-Jul, 09:55
	1-2KIII SL	Ticara	1	Shot		Sinan arms	12-Jul, 10:05-
	2-3km SE	Heard	5	Explosion	Outgoing	N/K	10:06
	2-3km SE 2-3km SE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 13:18
	2-3km SE 2-3km SSE	Heard	2	Explosion	Undetermined	N/K	12-Jul, 13:30
SE part of	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:25
Avdiivka	1km S	Heard	1	Shot	Chacterminea	Small arms	12-Jul, 14:28
(government-	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:35
controlled, 17km	1-2km SSW	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:36
N of Donetsk)	4-5km SSE	Heard	1	Explosion	Impact	N/K	12-Jul, 14:36
	1-2km SSW	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:39
	4-5km SSE	Heard	1	Explosion	Impact	N/K	12-Jul, 14:39
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:40
	3-5km SSE	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:42
	1-2km SSW	Heard	1	Explosion	Impact	N/K	12-Jul, 14:42
	3-4km S	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:43
	3-4km SSW	Heard	3	Burst		HMG	12-Jul, 14:53
	2-3km S	Heard	2	Burst		HMG	12-Jul, 14:55
						_	12-Jul, 10:04-
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	10:06
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 09:09
							12-Jul, 09:13-
D 11	2-3km WNW	Heard	3	Burst		HMG	09:15
Railway station	3-4km WNW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 12:01
in Yasynuvata (non-	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:02
government-	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:18
controlled, 16km	5-6km WSW	Heard	3	Explosion	Undetermined	N/K	12-Jul, 14:36
NE of Donetsk)							12-Jul, 14:39-
TVE OF BOILCOR)	4-5km WSW	Heard	6	Explosion	Undetermined	N/K	14:43
	4-5km WSW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:45
	1-2km WNW	Heard	3	Burst		Small arms	12-Jul, 14:52
	1-2km WNW	Heard	3	Shot	<u> </u>	Small arms	12-Jul, 14:52
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:57
Oleksandrivka (non- government- controlled, 20km							
SW of Donetsk)	1-2km SW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 10:47
Trudivski area of Petrovskyi district (non- government-	1-2KHI G W	Ticard	1	Lapiosion	Ondetermined	IVIX	12-341, 10.47
controlled, 15km SW of Donetsk city centre)	1-2km SW	Heard	4	Shot		Small arms	12-Jul, 12:19- 12:21
Olenivka(non- government- controlled, 23km	0.5-1km SE	Heard	2	Burst		HMG	12-Jul, 11:44

CW CD (1)	7	I	İ	1	ĺ	1	l
SW of Donetsk) Pavlopil							12-Jul, 11:25-
(government-	N/K NE	Heard	4	Explosion	Undetermined	N/K	11:26
controlled, 26km	IV/K IVE	Heard	4	Explosion	Ondetermined	IN/IX	12-Jul, 11:25-
NE of Mariupol)	2km E	and saw	5	Explosion	Impact	N/K	11:26
0.5km SSW of	ZKIII L	and saw	3	Explosion	Impact	14/14	11.20
Orlivske							
(government-							
controlled, 23km							
NE of Mariupol)	N/K ESE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:40
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:06
							11-Jul, 19:25-
	3-5km SSE	Heard	47	Burst		HMG	19:30
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:26
							11-Jul, 19:23-
	3-5km SSE	Heard	32	Shot		Small arms	19:30
							11-Jul, 19:31-
	3-5km SSE	Heard	170	Burst		HMG	19:38
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:37
							11-Jul, 19:40-
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	19:45
							11-Jul, 19:55-
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	20:00
							11-Jul, 20:02-
	3-5km SSE	Heard	8	Explosion	Undetermined	N/K	20:12
							11-Jul, 20:14-
	3-5km SSE	Heard	12	Explosion	Undetermined	N/K	20:19
							11-Jul, 20:10-
	3-5km SSE	Heard	75	Burst		HMG	20:20
							11-Jul, 20:22-
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	20:25
	2.51			E 1 .	TT 1	3.1/17	11-Jul, 20:32-
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	20:40
	2.51		12	D.		III (C	11-Jul, 20:25-
	3-5km SSE	Heard	13	Burst		HMG	20:32
	2 51 CCE	TT1	2	F1i	T I d . 4	NI/IZ	11-Jul, 20:45-
	3-5km SSE 5-10km SSE	Heard Heard	3	Explosion	Undetermined Undetermined	N/K N/K	20:47 11-Jul, 23:00
	3-10kiii SSE	пеаги	1	Explosion	Undetermined	IN/ IX	
	3-5km SSE	Heard	8	Burst		HMG	11-Jul, 23:02- 23:05
	3-3KIII SSE	Hearu	0	Duist		TIIVIO	11-Jul, 23:02-
	3-5km SSE	Heard	6	Shot		Small arms	23:05
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 23:08
	3-5km SSE	Heard	11	Burst	Ondetermined	HMG	11-Jul, 23:15
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:24
	3-5km SSE	Heard	6	Explosion	Undetermined	N/K N/K	12-Jul, 14:10
	2 SKIII DOD	110010	0	DAPIOSIOII	Ondetermined	1 1/ 1%	12-Jul, 15:52-
	4-5km SSE	Heard	12	Explosion	Undetermined	N/K	16:00
	· Cam ood	110010	12	2.101001011	o nactorimineu	- 1,12	12-Jul, 15:52-
	4-5km SSE	Heard	10	Shot		Small arms	16:00
				*			12-Jul, 15:52-
	4-5km SSE	Heard	4	Burst		HMG	15:40
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	12-Jul, 16:40
							11-Jul, 19:15-
	5-6km NW	Heard	3	Explosion	Undetermined	N/K	19:16
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:15
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:17
Horlivka (non-	6-7km NE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:19
government-	6-7km NNE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:19
controlled, 39km	8-9km NNE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:21
NE of Donetsk)	10-11km NNE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 19:22
	10-11km NE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:32
	7-8km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 20:18
	6-7km NW	Heard	1	Burst		HMG	11-Jul, 21:42
	5-6km NW	Heard	1	Burst		HMG	11-Jul, 21:51
•					•		, , ,

	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:51
					Undetermined		
			Unc		(uncountable		
			ount		overlapping		11-Jul, 21:52
	5-6km WNW	Heard	able		sequence)		21:56
	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:5:
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:50
			T I.a. a		Undetermined		
			Unc ount		(uncountable overlapping		11-Jul, 21:5'
	5-6km NW	Heard	able		sequence)		22:02
	J-OKIII IN W	Heard	aute		Undetermined		22.02
			Unc		(uncountable		
			ount		overlapping		11-Jul, 22:08
	3-4km NW	Heard	able		sequence)		22:10
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 22:22
	5-6km NW	Heard	12	Burst		HMG	11-Jul, 22:38
	4-5km NW	Heard	13	Burst		HMG	11-Jul, 22:40
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 22:4
	4-5km NW	Heard	2	Explosion	Undetermined	N/K	11-Jul, 22:5
	5-6km W	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:0°
	4-5km WNW	Heard	2	Burst		HMG	11-Jul, 23:30
	4-5km WNW	Heard	3	Burst		HMG	11-Jul, 23:3'
	4-5km WNW	Heard	1	Burst		HMG	11-Jul, 23:3
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:50
	5-6km WNW	Heard	1	Burst		HMG	11-Jul, 23:53
						30mm	
						canon,	
						likely	
						IFV(BMP-	
	4-5km NNW	Heard	1	Shot		2)	12-Jul, 00:0
						30mm	
						canon,	
						likely	
	4-5km NW	Heard	3	Shot		IFV(BMP- 2)	12-Jul, 00:1
	4-3KIII IN W	riearu	3	Shot		30mm	12-Jul, 00.1
						canon,	
						likely	
						IFV(BMP-	
	4-5km NW	Heard	1	Shot		2)	12-Jul, 00:17
						30mm	,
						canon,	
						likely	
						IFV(BMP-	12-Jul, 00:19
	4-5km NW	Heard	4	Shot		2)	00:20
	6-7km WNW	Heard	1	Explosion	Undetermined		12-Jul, 00:32
			1			30mm	
			1			canon,	
			1			likely	
	1		1			IFV(BMP-	
	6-7km NNW	Heard	2	Shot		2)	12-Jul, 01:03
			1			30mm	
						canon,	
			1			likely	
	6.7km NW	Heard	1	Shot		IFV(BMP- 2)	12 5.1 01.0
	6-7km NW 4-5km WNW		1 2	Shot		Small arms	12-Jul, 01:03 12-Jul, 14:20
About 7.5km	1.5-2km	Heard		SHOL		Sinan arms	12-Jul, 14:20
NW of Horlivka	WNW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 11:34
(non-	AA TA AA	iicaiu		EAPIOSIOII	Ondetermined	1 1/ 1%	12-Jul, 11.3
government							
controlled, 39			1				
commonica, J							
			1	1		i i	I
km NE of Donetsk)	1-1.5km W	Heard	3	Burst		Small arms	12-Jul, 11:35

	1			•	Ī	i	
SW of Klynove							
(government-							
controlled, 69km							
N of Donetsk) About 500m NE	3-5km W	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:40
of Kamianka	3-5km S	Heard	4	Explosion	Undetermined	N/K	12-Jul, 14.40 12-Jul,
(government-	3-3KIII S	пеан	- 4	EXPIOSION	Undetermined	IN/IX	12-Jul, 14:45-
controlled, 20km	3-5km S	Heard	2	Shot		Small arms	14:50
N of Donetsk)	2-3km S	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:52
Tr of B officially	2 JKIII S	Ticara		Explosion	WNW to ESE	14/10	12 301, 11.32
					(assessed as		
					outside the		
					disengagement		
	3-5km ENE	Recorded	1	Projectile	area)	N/K	11-Jul, 22:01
SMM camera in				,	ENE to WSW		
Zolote					(assessed as inside		
(government- controlled, 60km					the disengagement		
W of Luhansk)	3-5km SE	Recorded	2	Projectile	area)	N/K	11-Jul, 22:45
w of Lunansk)					WNW to ESE		
					(assessed as		
					outside the		
					disengagement		
	3-5km E	Recorded	1	Projectile	area)	N/K	11-Jul, 23:46
		_					11-Jul, 22:52-
	3-5km SSE	Heard	48	Burst		HMG	23:10
N edge of							12-Jul, 03:10-
Popasna	3-5km SSE	Heard	25	Burst		HMG	03:45
(government-	2.51 005		-	p 1 :	77.1.	37/77	12-Jul, 03:10-
controlled, 69km	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	03:45
W of Luhansk)	2.41 GGE	111	1.5	D		IIMC	12-Jul, 04:15-
	2-4km SSE	Heard	15	Burst		HMG	04:22
	2-4km SSE	Heard	5	Explosion	Undetermined	N/K	12-Jul, 04:15- 04:22
4km SW of	2-4KIII SSE	Ticaru		Explosion	Ondetermined	TV/IX	04.22
Popasna							
(government-							
controlled, 69km							12-Jul, 10:45-
W of Luhansk)	3-5km N	Heard	3	Explosion	Undetermined	N/K	10:52
NE edge of				•			12-Jul, 10:57-
Sentianivka	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	10:58
(formerly							
Frunze, non-							
government-							
controlled, 44km							12-Jul, 10:57-
W of Luhansk)	3-5km NNW	Heard	18	Burst		HMG	10:58
2.7km SW of							
Metalist (non-							
government-					A 1 1 1		
controlled, 7km NW of Luhansk)	1 1 5km NNW	Haard	20	Shot	Assessed as aimed	Small arms	12 Jul 12:00
600m S of	1-1.5km NNW	Heard	20	SHOT	at the SMM UAV	Siliali alliis	12-Jul, 12:08
Stanytsia							
Luhanska bridge							
(15km NE of		Saw and					
Luhansk)	2-3km E	heard	1	Explosion	Impact	N/K	12-Jul, 13:55
Lanunskj	∠ JKIII L/	nound	1	LAPIOSIOII	impact	11/11	12 341, 13.33

Map of Donetsk and Luhansk regions²



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).