Table of ceasefire violations as of 21 June 2019¹

SMM camera Camera	SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Government-controlled, 31km NE of Muriupol)		1-2km SE	Recorded	15	Explosion	Undetermined		
Government-controlled, 31km NE of Muriupol)	in Chermalyk	2-4km SE	Recorded	30	•	Undetermined	N/K	20-Jun, 20:43
Stkm NE of Recorded 1 Projectile NW to SE N/K 20-Jun, 20:43	(government-			1	•	Undetermined		
Stkm NE of Mariupol)	controlled,	2-4km SE	Recorded	1	Projectile	NW to SE	N/K	
Mariupol) 2-4km S Recorded 46 Projectile WNW to ESE N/K 20-Jun, 20:44 -2-4km S Recorded 3 Explosion Undetermined N/K 20-Jun, 20:45 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 20:45 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:08 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:10 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:11 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:11 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:12 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:12 -2-4km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:13 -2-4km SE Recorded 2 Projectile NW to SE N/K 20-Jun, 21:13 -2-4km SE Recorded 1 Projectile NW to SE N/K 20-Jun, 21:13 -2-4km SE Recorded 1 Projectile NW to SE N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile SW to NE N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile SSE to NNW N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile SSE to NNW N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile SNE to WSW N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2-4km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2-4km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2-4km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:24 -2-4km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:24 -2-4km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:27 -2-4km S Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:27 -2-4km S Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:28	31km NE of		Recorded	2	, ,			
2-4km S	Mariupol)	2-4km S		46	_			20-Jun, 20:44
2-4km S		1-2km SE	Recorded	3	Explosion	Undetermined	N/K	20-Jun, 20:44
1-2km SE			Recorded	2	Projectile	NW to SE	N/K	20-Jun, 20:45
2-4km SE			Recorded					
2-4km SE				1				
1-2km SE			Recorded	1		WSW to ENE		
3-5km SSW Recorded 2 Explosion Airburst N/K 20-Jun, 21:12 -2km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:13 -2km SE Recorded 2 Projectile NV to SE N/K 20-Jun, 21:13 -2km SE Recorded 10 Projectile NW to SE N/K 20-Jun, 21:13 -2km SE Recorded 1 Projectile SW to NE N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile WSW to ENE N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile SSE to NNW N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile SSE to NNW N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile SSE to NNW N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:23 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:24 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:24 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:24 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 -2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:28 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:28 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:28 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:29 -2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:30 -2km SE Recorded 4 Projectile				1				
1-2km SE			Recorded	2				
1-2km SE			Recorded					
1-3km S				2				
1-2km SE								
1-2km SE								
3-5km SSE								
1-2km SE				-				
2-4km SSE Recorded 1 Explosion Undetermined N/K 20-Jun, 21:22 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:22 1-2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:24 3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:24 2-4km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 1-2km S Recorded 19 Projectile ENE to WSW N/K 20-Jun, 21:25 1-2km S Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 1-2km S Recorded 2 Projectile N to S N/K 20-Jun, 21:27 1-2km S Recorded <td< td=""><td></td><td></td><td></td><td>1</td><td></td><td>SSE to NNW</td><td></td><td></td></td<>				1		SSE to NNW		
3-5km SSE				1	,			
1-2km SE						ENE to WSW		
3-6km S Recorded 6 Explosion Undetermined N/K 20-Jun, 21:24			Recorded	4				
3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:24								
2-4km S Recorded 1 Explosion Undetermined N/K 20-Jun, 21:25 3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 1-2km S Recorded 19 Projectile NW to SE N/K 20-Jun, 21:27 1-2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 1-2km SE Recorded 2 Projectile N to S N/K 20-Jun, 21:27 1-2km SE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:27 1-2km SE Recorded 2 Projectile NW to SE N/K 20-Jun, 21:28 1-2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:30 2-4km S Recorded				1	_			
3-5km S Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:25 -2km S Recorded 19 Projectile NW to SE N/K 20-Jun, 21:27 -2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:27 -2km SE Recorded 2 Projectile N to S N/K 20-Jun, 21:27 -2km SE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:27 -2km SE Recorded 9 Projectile NW to SE N/K 20-Jun, 21:28 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:28 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:28 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:30 -2km SE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:30 -2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 -2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 -2km SE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 -2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 -2km SE Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:33 -2				1				
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1-2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km ESE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 1-2km SE Recorded 1 Muzzle flash Undetermined N/K 20-Jun, 21:30 1-2km SSE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:30 2-4km S Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 1-2km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km S Recorded 1 <t< td=""><td></td><td>1-2km SE</td><td>Recorded</td><td>2</td><td>Explosion</td><td>Undetermined</td><td>N/K</td><td></td></t<>		1-2km SE	Recorded	2	Explosion	Undetermined	N/K	
1-2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km ESE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 1-2km SE Recorded 1 Muzzle flash Undetermined N/K 20-Jun, 21:30 1-2km SSE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:30 2-4km S Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 1-2km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km S Recorded 1 <t< td=""><td></td><td></td><td>Recorded</td><td>9</td><td>•</td><td></td><td></td><td></td></t<>			Recorded	9	•			
1-2km ESE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:28 1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 1-2km SE Recorded 1 Muzzle flash Undetermined N/K 20-Jun, 21:30 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:30 2-4km SSE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 <td< td=""><td></td><td>1-2km SE</td><td>Recorded</td><td>3</td><td>Projectile</td><td>ENE to WSW</td><td>N/K</td><td></td></td<>		1-2km SE	Recorded	3	Projectile	ENE to WSW	N/K	
1-2km SE Recorded 1 Projectile ENE to WSW N/K 20-Jun, 21:29 1-2km SE Recorded 1 Muzzle flash Undetermined N/K 20-Jun, 21:39 1-2km SSE Recorded 1 Projectile NW to SE N/K 20-Jun, 21:30 2-4km S Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:33 3-5km S Recorded 1 Proj		1-2km ESE	Recorded	1	Projectile	ENE to WSW	N/K	
1-2km SE Recorded 1 Muzzle flash Undetermined N/K 20-Jun, 21:29 1-2km SSE Recorded 1 Projectile NW to SE N/K 20-Jun, 21:30 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km SSE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 1-2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1		1-2km SE	Recorded	1	Projectile	ENE to WSW	N/K	
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2-4km SSE Recorded 2 Explosion Undetermined N/K 20-Jun, 21:32 1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33		2-4km S	Recorded	3		ENE to WSW	N/K	
1-2km SE Recorded 1 Muzzle flash N/K 20-Jun, 21:32 2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33		2-4km SSE	Recorded	2	Explosion	Undetermined		20-Jun, 21:32
2-4km S Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:32 1-2km SSE Recorded 2 Projectile ENE to WSW N/K 20-Jun, 21:32 2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33		1-2km SE	Recorded	1	Muzzle flash		N/K	
2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33			Recorded	3	Projectile	ENE to WSW	N/K	20-Jun, 21:32
2-4km S Recorded 1 Explosion Airburst N/K 20-Jun, 21:32 1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33		1-2km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 21:32
1-2km SE Recorded 1 Projectile NNW to SSE N/K 20-Jun, 21:32 1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33			Recorded	1		Airburst		
1-2km SE Recorded 5 Projectile ENE to WSW N/K 20-Jun, 21:33 3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33		1-2km SE	Recorded	1	_	NNW to SSE	N/K	
3-5km S Recorded 1 Projectile W to E N/K 20-Jun, 21:33 3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33			Recorded	5		ENE to WSW		
3-5km S Recorded 3 Projectile WSW to ENE N/K 20-Jun, 21:33				1				
				3	_			
1 1-2Km 55E Recorded 0 Hojecine W to E 10/K 20-Juli, 21.54		1-2km SSE	Recorded	6	Projectile	W to E	N/K	20-Jun, 21:34
1-2km SE Recorded 4 Projectile ENE to WSW N/K 20-Jun, 21:35				4				
1-2km SE Recorded 3 Projectile ENE to WSW N/K 20-Jun, 21:36				3				

¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an "N/K"), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

2.41 CCE	D 11	2	D : (1)	ENE / WGW	NI/IZ	20 1 21 50
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 21:50
1-2km S	Recorded	1	Projectile	W to E WSW to ENE	N/K	20-Jun, 21:51
2-4km S 1-2km S	Recorded Recorded	1	Projectile Projectile	W to E	N/K N/K	20-Jun, 21:51 20-Jun, 21:52
2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	20-Jun, 21:52
1-2km SE	Recorded	2	Projectile	SSW to NNE	N/K	20-Jun, 21:54
1-2km SE	Recorded	61	Projectile	SSW to NNE	N/K	20-Jun, 21:56
2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	20-Jun, 22:00
2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	20-Jun, 22:04
2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	20-Jun, 22:10
2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	20-Jun, 22:11
3-5km SE	Recorded	1	Projectile	SW to NE	N/K	20-Jun, 22:12
3-5km SE	Recorded	1	Projectile	SW to NE	N/K	20-Jun, 22:13
3 3km bL	Recorded	-	Trojectiic	In vertical	1 1/10	20 3411, 22.13
3-5km SE	Recorded	1	Projectile	flight	N/K	20-Jun, 22:14
3-5km SE	Recorded	1	Projectile	SW to NE	N/K	20-Jun, 22:15
3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	20-Jun, 22:16
3-5km S	Recorded	2	Projectile	WSW to ENE	N/K	20-Jun, 22:19
3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	20-Jun, 22:21
3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 22:21
3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 22:50
3 Skin BBE	recorded	-	Trojectiic	In vertical	10/11	20 3411, 22.30
3-5km SSE	Recorded	1	Projectile	flight	N/K	20-Jun, 22:51
3-5km SSE	Recorded	1	Explosion	8	N/K	20-Jun, 22:51
3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 22:51
3-5km SE	Recorded	27	Explosion	Undetermined	N/K	20-Jun, 22:52
3-5km SE	Recorded	3	Projectile	WSW to ENE	N/K	20-Jun, 22:52
3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	20-Jun, 22:54
3-5km S	Recorded	8	Projectile	WSW to ENE	N/K	20-Jun, 22:58
3-5km S	Recorded	5	Projectile	WSW to ENE	N/K	20-Jun, 22:59
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	20-Jun, 23:01
2-4km SE	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 23:01
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 23:02
2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	20-Jun, 23:03
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 23:04
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 23:05
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 23:07
2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	20-Jun, 23:10
2-4km SE	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 23:11
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 23:11
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	20-Jun, 23:21
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 23:22
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 23:23
2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	20-Jun, 23:23
2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	20-Jun, 23:24
2-4km SE	Recorded	3	Explosion	Undetermined	N/K	20-Jun, 23:27
2-4km SSW	Recorded	15	Projectile	WSW to ENE	N/K	20-Jun, 23:27
2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 23:28
2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	20-Jun, 23:28
2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	20-Jun, 23:33
2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	20-Jun, 23:42
2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	20-Jun, 23:43
2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	20-Jun, 23:49
2-4km SE	Recorded	1	Muzzle flash	ENE 4- WOW	N/K	20-Jun, 23:50
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	20-Jun, 23:50
2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	20-Jun, 23:50
2-4km SE	Recorded	5	Projectile Projectile	NE to SW	N/K	20-Jun, 23:54
1-2km SSE	Recorded	1	Projectile	NE to SW	N/K	21-Jun, 00:02
1-2km SSE	Recorded Recorded	21	Projectile Projectile	NE to SW	N/K N/K	21-Jun, 00:08 21-Jun, 00:09
1-2km SSE 1-2km SSE	Recorded Recorded	18	Projectile Projectile	NE to SW NE to SW	N/K	21-Jun, 00:09 21-Jun, 00:10
1-2km SSE	Recorded	15	Projectile	NE to SW	N/K	21-Jun, 00:10 21-Jun, 00:11
1-2km SSE	Recorded	6	Projectile	NE to SW	N/K	21-Jun, 00:11 21-Jun, 00:12
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	21-Jun, 00:12
∠ TKIII DOL	recorded	1	110,000.00	T TO TO LINE	11/11	21 3411, 00.14

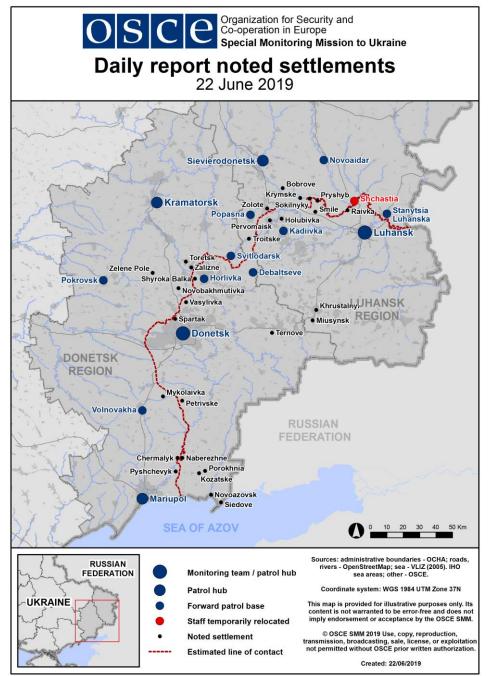
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Jun, 00:17
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Jun, 00:20
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	21-Jun, 00:21
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	21-Jun, 00:22
	1-2km SSE	Recorded	2	Projectile	NE to SW	N/K	21-Jun, 00:29
	3-5km SSE	Recorded	5	Projectile	WSW to ENE	N/K	21-Jun, 00:33
							,
	3-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	21-Jun, 00:37
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Jun, 00:50
	1-2km SSE	Recorded	1	Projectile	NE to SW	N/K	21-Jun, 01:11
	1-3km SE	Recorded	6	Projectile	ENE to WSW	N/K	21-Jun, 02:16
SMM camera							
at Donetsk							
Filtration							
Station (15km							
N of Donetsk)	1.5-3km SSW	Recorded	1	Projectile	W to E	N/K	20-Jun, 21:57
SMM camera	2-5km ENE	Recorded	5	Explosion	Undetermined	N/K	20-Jun, 21:16
1.5km NE of	2-5km ENE	Recorded	1	Projectile	N to S	N/K	20-Jun, 21:16
Hnutove	2-5km ESE	Recorded	4	Projectile	S to N	N/K	20-Jun, 21:17
(government-	2-5km ESE 2-5km ESE	Recorded	7			N/K	
controlled,				Projectile	S to N		20-Jun, 21:18
20km NE of	2-5km E	Recorded	3	Projectile	N to S	N/K	20-Jun, 21:20
	2-5km E	Recorded	1	Explosion	Impact	N/K	20-Jun, 21:20
Mariupol)	2-5km E	Recorded	2	Projectile	S to N	N/K	20-Jun, 21:21
	2-5km ENE	Recorded	3	Projectile	N to S	N/K	20-Jun, 21:21
	2-5km E	Recorded	2	Explosion	Undetermined	N/K	20-Jun, 21:22
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 21:23
	2-5km E	Recorded	4	Explosion	Undetermined	N/K	20-Jun, 21:24
	2-5km E	Recorded	7	Projectile	NW to SE	N/K	20-Jun, 21:24
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	
			8	•			20-Jun, 21:25
	2-5km E	Recorded		Projectile	NW to SE	N/K	20-Jun, 21:25
	2-5km ENE	Recorded	25	Projectile	S to N	N/K	20-Jun, 21:26
	2-5km ENE	Recorded	2	Projectile	S to N	N/K	20-Jun, 21:29
	2-5km ENE	Recorded	31	Projectile	NW to SE	N/K	20-Jun, 21:30
	2-5km ENE	Recorded	3	Projectile	NW to SE	N/K	20-Jun, 21:31
	2-5km ENE	Recorded	16	Projectile	NW to SE	N/K	20-Jun, 21:32
	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 21:32
	2-5km E	Recorded	21	Projectile	SE to NW	N/K	20-Jun, 21:32
	2-5km ESE	Recorded	11	Projectile	ENE to WSW	N/K	20-Jun, 21:32
	2-5km ESE	Recorded	8	Projectile	S to N	N/K	20-Jun, 21:33
	2-5km ESE 2-5km ENE		6	Projectile	NW to SE	N/K	20-Jun, 21:33
		Recorded					
	2-5km ENE	Recorded	4	Projectile	N to S	N/K	20-Jun, 21:51
	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 21:51
	2-5km E	Recorded	6	Projectile	WNW to ESE	N/K	20-Jun, 22:59
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 22:59
	2-5km E	Recorded	1	Projectile	WSW to ENE	N/K	20-Jun, 23:03
	2-5km E	Recorded	1	Projectile	N to S	N/K	20-Jun, 23:33
	2-5km E	Recorded	6	Projectile	S to N	N/K	20-Jun, 23:45
	2-5km E	Recorded	1	Projectile	N to S	N/K	20-Jun, 23:45
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	20-Jun, 23:45
	2-5km ENE	Recorded	6	Projectile	N to S	N/K	20-Jun, 23:50
	2-5km ENE	Recorded	1	Projectile	NW to SE	N/K	20-Jun, 23:50
g2 52 -	2-5km ENE	Recorded	2	Explosion	Undetermined	N/K	20-Jun, 23:50
SMM camera							
E of							
Lomakyne	2-4km ENE	Recorded	1	Muzzle flash		N/K	20-Jun, 22:19
(government-	2-TKIII EINE	Accorded	1	THUZZIC HASH		11/11	20-Jun, 22.17
controlled,							
15km NE of							
Mariupol)	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	20-Jun, 22:19
SMM camera						1	
1km SW of		l _					
Shyrokyne	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	21-Jun, 00:00
(government-	<u> </u>					1	
i czovernineni-						•	i
controlled)							
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	21-Jun, 00:01

SE edge of							21-Jun, 09:25-
Avdiivka (government-	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	09:26
controlled, 17km N of	2-3km SSE	Heard	4	Explosion	Undetermined	N/K	21-Jun, 09:32- 09:35
Donetsk)	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 09:41
	3-4km SE	Heard	4	Burst		Small arms	21-Jun, 09:56
	4-5km ENE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 09:57
	2-3km ENE	Heard	1	Explosion	Outgoing	N/K	21-Jun, 10:05 21-Jun, 10:32-
	2-3km S	Heard	100	Shot		HMG	10:37
	2-3km S	Heard	7	Explosion	Undetermined	N/K	21-Jun, 10:32- 10:37
	2-3km E	Heard	3	Burst		Small arms	21-Jun, 11:20
About 1km N of Donetsk	1-2km N	Heard	3	Shot		Small arms	21-Jun, 10:25
central railway station(non-	1-2km N	Heard	50	Explosion	Undetermined	N/K	21-Jun, 10:32- 10:39
government-	1-2km N	Heard	1	Explosion	Undetermined	N/K	21-Jun, 11:41
controlled, 6km NW of	2-3km NE	Heard	1	Explosion Explosion	Undetermined	N/K	21-Jun, 11:55
Donetsk city	4-5km W 3-4km NE	Heard Heard	1	Explosion	Undetermined Undetermined	N/K N/K	21-Jun, 13:49 21-Jun, 13:55
centre)	5-4KIII NE	пеан	1	Explosion	Undetermined	Small	21-Juli, 15.55
	1-2km E	Heard	2	Shot		arms	21-Jun, 14:00
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 14:10
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 14:21
station (non- government- controlled, 6km NW of Donetsk city centre)	2-3km N	Heard	1	Explosion	Undetermined	N/K	21-Jun, 13:10
About 1km NW of the	3-5km SW	Heard	2	Explosion	Undetermined	N/K	21-Jun, 09:22- 09:25
railway station in Yasynuvata	3-5km SW	Heard	4	Explosion	Undetermined	N/K	21-Jun, 09:31- 09:35
(non-	3-5km SW	Heard	1	Explosion	Undetermined	N/K	21-Jun, 09:40
government-	2km W	Heard	4	Shot		HMG	21-Jun, 09:50
controlled,	3km SW	Heard	1	Explosion	Undetermined	N/K	21-Jun, 09:51
16km NE of	3km WNW	Heard	1	Explosion	Undetermined	N/K	21-Jun, 09:58
Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	21-Jun, 10:05
	5km SW	Heard	1	Explosion	Undetermined	N/K	21-Jun, 10:09
	6-9km SW	Heard	47	Explosion	Undetermined	N/K	21-Jun, 10:36- 10:40
	3-5km W	Heard	1	Explosion	Undetermined	N/K	21-Jun, 10:45
Zelene Pole	o omi v	110010	-	Ziipiosioii		1 1/12	21 0 000, 101.0
(government-					Outering	T1-	
controlled, 40km NW of					Outgoing (assessed as	Tank (type	
Donetsk)	1km E	Heard	6	Explosion	training)	N/K)	21-Jun, 14:22
Svitlodarsk (government-	1-2km SE	Heard	9	Burst	<i>J</i>	Small arms	20-Jun, 22:14
controlled, 57km NE of	2-4km ESE	Heard	24	Explosion	Undetermined	N/K	21-Jun, 07:30- 08:15
Donetsk)	5-7km ESE	Heard	30	Explosion	Undetermined	N/K	21-Jun, 07:30- 08:15
							21-Jun, 08:16-
	2-4km ESE	Heard	3	Explosion	Undetermined	N/K	08:21
	6-8km ESE	Heard	12	Explosion	Undetermined	N/K	21-Jun, 08:20-

							08:31
							21-Jun, 08:27-
	3-4km ESE	Heard	4	Explosion	Undetermined	N/K	08:32
About 500 m NE of	1-2km SE	Heard	3	Shot		Small arms	21-Jun, 09:06
Kamianka (government-	1-2km NE	Heard	1	Shot		Small arms	21-Jun, 09:31
controlled, 20km N of	1-2km ENE	Heard	1	Shot		Small arms	21-Jun, 09:58
Donetsk)	1-2km E	Heard	1	Shot		Small arms	21-Jun, 10:45
	2-3km E	Heard	8	Burst		Small arms	21-Jun, 11:29
E edge of Zalizne	3-5km ESE	Heard	35	Explosion	Undetermined	N/K	21-Jun, 09:16- 09:45
(government- controlled,	3-5km ESE	Heard	200	Burst		HMG	21-Jun, 09:16- 09:45
42km NE of Donetsk)	3-5km ESE	Heard	300	Burst		Small arms	21-Jun, 09:16- 09:45
	3-4km ENE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 10:14- 10:15
	3-4km ENE	Heard	1	Burst		Small arms	21-Jun, 10:15
About 7.5 km NW of	2-3km NW	Heard	4	Burst		HMG	21-Jun, 10:17- 10:20
Horlivka (non-	3-5km NW	Heard	3	Explosion	Undetermined	N/K	21-Jun, 12:25
government- controlled, 39km NE of Donetsk) About 0.5 km	3-5km NNW	Heard	2	Explosion	Undetermined	N/K	21-Jun, 14:41
S of Pylypchatyne (government- controlled, 76km NE of Donetsk)	3-5km NW	Heard	4	Explosion	Undetermined	N/K	21-Jun, 11:18- 11:20
N edge of Popasna	4-6km ESE	Heard	6	Burst		HMG	20-Jun, 21:10- 21:40
(government- controlled,	4-6km ESE	Heard	7	Explosion	Undetermined	N/K	20-Jun, 21:10- 21:40
69km W of Luhansk)	4-6km ESE	Heard	6	Shot and burst		Small arms	20-Jun, 21:10- 21:40
	4-7km SE	Heard	6	Burst		HMG	20-Jun, 22:29- 23:45
	4-7km SE	Heard	7	Explosion	Undetermined	N/K	20-Jun, 22:29- 23:45
	4-7km SE	Heard	6	Shot and burst		Small arms	20-Jun, 22:29- 23:45
	4-7km SE	Heard and saw	1	Explosion	Undetermined	N/K	20-Jun, 22:29- 23:45
	4-8km SE	Heard	136	Explosion	Undetermined	N/K	21-Jun, 00:07- 02:36
	4-8km SE	Heard	123 5	Shot and burst		HMG	21-Jun, 00:07- 02:36
	4-8km SE	Heard	300 0	Shot and burst		Small arms	21-Jun, 00:07- 02:36
	4-8km SE	Heard	13	Explosion	Undetermined	N/K	21-Jun, 02:56- 04:00
	4-8km SE	Heard	166	Shot and burst		HMG	21-Jun, 02:56- 04:00
	4-8km SE	Heard	102	Shot and burst		Small arms	21-Jun, 02:56- 04:00
E edge of Stanytsia Luhanska	2-5km S	Heard	2	Shot	Assessed as outside the disengagemen	N/K	21-Jun, 03:56

(government-					t area		
controlled,					Assessed as		
16km NE of					outside the		
Luhansk)					disengagemen		
	2-5km S	Heard	1	Shot	t area	N/K	21-Jun, 04:03
Slovianoserbsk							
(non-							
government-							
controlled,							
28km NW of							
Luhansk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	21-Jun, 12:44

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).