SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
	5-7km NW	Heard 2 undetermined explosions	N/K	28 April, 19:30
	4-6km SW	Heard 2 undetermined explosions	IN/K	28 April, 19:31
	4-0KIII 5 W	Saw 1 explosion (outgoing)	RPG	28 April, 19:40
	4-7km SW	Saw 1 explosion (outgoing)		28 April, 19:51
	10-12km SW	Saw 3 undetermined explosions	N/K	28 April, 21:32
		Saw 4 tracers from NW to SE	IFV (BMP-2) cannon	28 April, 21:38
Horlivka ("DPR"-	7-9km SW	Saw 3 tracers from SE to NW	(30mm)	-
controlled, 39km NE		Saw 5 tracers from SE to NW		28 April, 21:52
of Donetsk)	7-10km SW	Heard 1 undetermined explosion		28 April, 22:09
	8-10km SW	Heard 1 undetermined explosion		28 April, 22:20
	7-9km SW	Saw 1 tracer from SE to NW	N/K	28 April, 22:26
	10-12km SW	Heard 1 undetermined explosion		28 April, 22:43
		Heard 1 undetermined explosion		28 April, 22:46
	3-5km SW	Heard 1 undetermined explosion		29 April, 11:40
		Heard 2 undetermined explosions		29 April, 14:42
		Recorded 2 airbursts	4	28 April, 19:43-19:44
		Recorded 3 projectiles from E to W		28 April, 20:18-20:19
		Recorded 1 illumination flare from E to W		28 April, 20:46
		Recorded 2 undetermined explosions		28 April, 21:49
		Recorded 1 tracer from NE to SW		28 April, 22:06
		Recorded 2 tracers from SE to NW		28 April, 22:21
		Recorded 6 tracers from SW to NE	N/K	28 April, 22:22
	8-10km NE	Recorded 3 projectiles from SE to NW		28 April, 22:22-22:27
		Recorded 3 projectiles from SW to NE		28 April, 22:23
		Recorded 3 projectiles from NE to SW		28 April, 22:30
		Recorded 1 projectile from NW to SE Recorded 1 projectile from SE to NW		28 April, 22:35
SMM camera at		Recorded 1 tracer from SW to NE		28 April, 22:36
Oktiabr mine (9km		Recorded 1 projectile from NE to SW		28 April, 22:53
NW of Donetsk city centre)		Recorded 1 illumination flare from NE to SW		28 April, 23:56
		Recorded 1 undetermined explosion		28 April, 23:58
		Recorded 3 projectiles from NE to SW		29 April, 00:02
		Recorded 1 illumination flare from E to W		29 April, 00:03
		Recorded 2 projectiles from SW to NE		29 April, 00:15
		Recorded 3 undetermined explosions		29 April, 00:15-00:18
		Recorded 2 tracers from SE to NW		29 April, 00:22
		Recorded 4 tracers from SW to NE		29 April, 00:23
		Recorded 2 projectiles from SE to NW		29 April, 00:24
		Recorded 2 projectiles from NE to SW		29 April, 01:05
		Recorded 2 projectiles from SE to NW		29 April, 01:08

## Table of ceasefire violations as of 30 April 2017<sup>1</sup>

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

				ו
		Recorded 1 illumination flare from E to W		29 April, 01:48
		to W Recorded 1 projectile from SW to NE	4	29 April, 02:17
		Recorded 1 projectile from NW to SE		29 April, 02:17
		Recorded 1 projectile from NW to SE Recorded 1 tracer from NW to SE		29 April, 02:24 29 April, 03:37
		Recorded 1 explosion (impact)	-	29 April, 15:19
				29 April, 16:38
		Recorded 1 explosion (impact)		<b>1</b>
		Heard 2 undetermined explosions	N/K	28 April, 19:58
		Heard 4 undetermined explosions	IN/K	28 April, 20:05
	3-4km SE	Heard 3 bursts		28 April, 20:06
	5 IRII 5E	Heard 5 bursts		28 April, 20:37
		Heard 11 bursts		28 April, 20:38-20:55
Svitlodarsk		Heard 10 bursts	HMG	28 April, 21:10-21:12
(government-		Heard 8 bursts		28 April, 21:20-21:23
controlled, 57km NE	4-5km SE	Heard 3 bursts		28 April, 21:31
of Donetsk)	5 (1 ) (F	Heard 5 bursts	N1/17	28 April, 22:04
	5-6km SE	Heard 2 undetermined explosions	N/K	28 April, 22:25
		Heard 2 bursts	HMG	28 April, 23:58
	3-4km SE	Heard 1 undetermined explosion	N/IZ	29 April, 08:30
		Heard 1 undetermined explosion	N/K	29 April, 14:41 29 April, 16:45
		Heard 1 undetermined explosion Recorded 5 rocket-assisted projectiles		29 April, 10:45
		from SW to NE		28 April, 20:27
		Recorded 3 rocket-assisted projectiles	-	
		from SW to NE		28 April, 20:28
		Recorded 3 tracers from NE to SW		20 11pm, 20.20
		Recorded 8 rocket-assisted projectiles		
		from SW to NE		28 April, 20:29
		Recorded 5 tracers from NE to SW		,,
		Recorded 3 rocket-assisted projectiles		20 A 11 20 20
		from SW to NE		28 April, 20:30
		Recorded 9 rocket-assisted projectiles		29 April 20:21
		from SW to NE		28 April, 20:31
	N/K N	Recorded 5 tracers from NE to SW		
		Recorded 20 rocket-assisted		28 April, 20:32
		projectiles from SW to NE		
		Recorded 14 rocket-assisted		28 April, 20:34
		projectiles from SW to NE		-
		Recorded 5 tracers from NE to SW		28 April, 20:35
		Recorded 4 tracers from NE to SW		28 April, 20:44
SMM camera in		Recorded 1 rocket-assisted projectiles	N/K	28 April, 20:50
Shyrokyne (20km E of Mariupol)		from E to W Recorded 3 tracers from E to W		28 April 20.52
of Mariupol)		Recorded 12 tracers from E to W		28 April, 20:52 28 April, 20:53
		Recorded 6 tracers from E to W		28 April, 20.55
		Recorded 6 tracers from E to W Recorded 4 tracers from S to N		28 April, 23:30
		Recorded 5 tracers from SE to NW		20 April, 25.50
		Recorded 1 rocket-assisted projectile		
	N/K NE	from NE to SW		29 April, 00:00
		Recorded 2 rocket-assisted projectiles		
		from NE to SW		29 April, 00:14
		Recorded 2 rocket-assisted projectiles		<b>a</b> a ku 11 aa 4a
		from NE to SW		29 April, 00:18
		Recorded 4 rocket-assisted projectiles		20 Amil 00.20
	N/K N	from NE to SW		29 April, 00:30
	N/K N	Recorded 1 rocket-assisted projectile		29 April, 00:47
		from NE to SW		27 April, 00.47
		Recorded 1 rocket-assisted projectile		29 April, 00:48
		from NE to SW		=> ripin, 00.40
		Recorded 1 rocket-assisted projectile		29 April, 00:53
		from NE to SW	4	-
0.04	N/K NE	Recorded 3 tracers from E to W	NI/IZ	29 April, 01:21
SMM camera in	3-6km ESE	Recorded 1 illumination flare from E	N/K	28 April, 20:43

Avdiivka		to W		
(government-		Recorded 2 undetermined explosions		28 April, 20:48
controlled, 17km N		Recorded 1 projectile from NW to SE		28 April, 20:59
of Donetsk)		Recorded 5 undetermined explosions		28 April, 21:00-21:36
		Recorded 1 projectile from E to W		28 April, 21:37
		Recorded 1 illumination flare from SE to NW		28 April, 22:48
		Recorded 1 undetermined explosion		28 April, 23:18
		Recorded 2 illumination flares from E to W		28 April, 23:31-23:32
		Recorded 2 undetermined explosions		28 April, 23:57-23:59
		Recorded 3 projectiles from NW to SE		29 April, 00:01
		Recorded 20 projectiles from SW to NE		29 April, 00:12
		Recorded 2 projectiles from E to W		29 April, 00:54
		Recorded 5 tracers from W to E		29 April, 00:55
		Recorded 2 projectiles from NW to SE		29 April, 00:57
		Recorded 1 tracer from NW to SE		29 April, 01:07
		Recorded 1 projectile from NW to SE		29 April, 01:09
		Recorded 1 undetermined explosion		29 April, 01.09
		Recorded 9 projectiles from SE to NW		29 April, 01:31-01:35
		Recorded 3 undetermined explosions		29 April, 01:55-01:57
		Recorded 1 projectile from NW to SE		
		Recorded 6 tracers from NW to SE		29 April, 02:13-02:18
		Recorded 1 tracer from W to E Recorded 1 projectile from SE to NW		29 April, 02:24
		Recorded 1 projectile from SE to RW Recorded 1 tracer from NW to SE		29 April, 02:24
		Recorded 1 tracer from W to E		29 April, 03:27
		Recorded 1 undetermined explosion		29 April, 03:58
	2-3km NW	Heard 1 undetermined explosion	NI/IZ	29 April, 09:47
	2-3km W	Heard 3 undetermined explosions	N/K	29 April, 09:50-09:53
		Heard 10 bursts		29 April, 10:35-10:45
		Heard 28 shots	Small arms	2) ripin, 10.55 10.15
		Heard 4 bursts		29 April, 10:45-10:50
		Heard 10 shots		
	2-4km W	Heard 5 undetermined explosions	N/K	
	2-4KIII W	Heard 1 undetermined explosion	1.0.1X	
		Heard 3 shots	Small arms	29 April, 10:50-11:05 29 April, 11:10
		Heard 3 bursts		
		Heard 3 bursts		
		Heard 10 shots		29 April, 11.10
	3-5km W	Heard 1 undetermined explosion	N/K	29 April, 11:52
Yasynuvata ("DPR"-		Heard 2 shots	Small arms	29 April, 11:53
controlled, 16km NE of Donetsk)	2-3km W	Heard 2 undetermined explosions	N/K	29 April, 12:23
of Donetsk)	2 5111 11	Heard 3 bursts	Small arms	29 April, 12:24
		Heard 3 shots		-
	5-7km W	Heard 5 undetermined explosions	N/K	29 April, 12:54
	3-5km NW	Heard 2 bursts	Small arms	29 April, 12:57
		Heard 4 undetermined explosions	N/K	29 April, 13:14-13:16
	2-4km W	Heard 12 shots	Small arms	29 April, 13:20-13:28
	3-5km NW	Heard 4 undetermined explosions	N/K	29 April, 13:28-13:29
	2-4km W	Heard 17 shots	Small arms	29 April, 13:29-13:37
	3-5km W	Heard 1 undetermined explosion	N/K	29 April, 13:47
	2-3km W	Heard 2 shots	Small arms	29 April, 13:55
		Heard 1 undetermined explosion	N/K	29 April, 14:00
				_

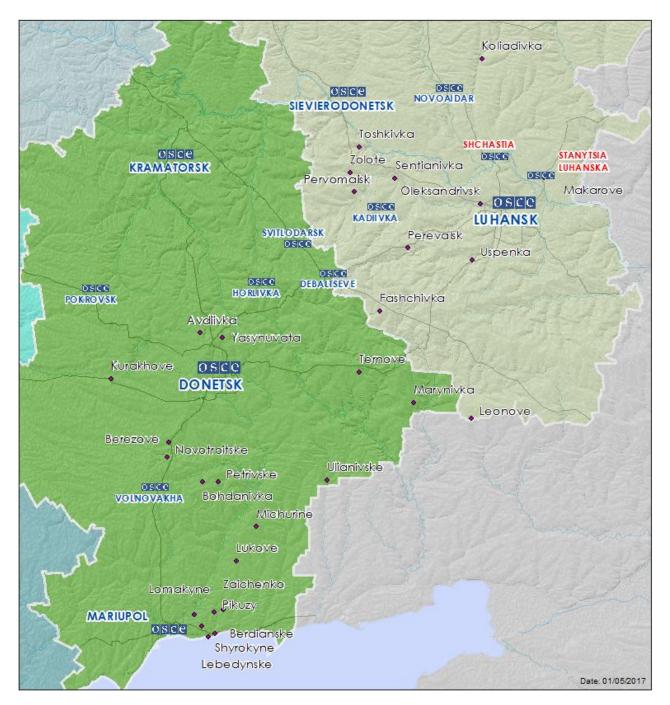
	2-3km W	Heard 2 undetermined explosions	N/K	29 April, 14:37-14:42
		Heard 19 undetermined explosions	N/K	
		Heard 23 bursts	C	29 April, 10:43-10:56
A	2-4km SE	Heard 140 shots	– Small arms	-
Avdiivka		Heard 1 undetermined explosion		29 April, 11:20
(government- controlled, 17km N		Heard 2 undetermined explosions		29 April, 11:50
of Donetsk)	3-4km E	Heard 2 undetermined explosions	N/K	29 April, 12:20
of Dolletsk)	3-4km ESE	Heard 1 undetermined explosion	IN/K	29 April, 13:38
	6-8km SW	Heard 1 undetermined explosion		29 April, 13:55
	3-4km E	Heard 1 undetermined explosion		29 April, 13:59
1km SW of	N/IZ NIE	Heard 5 shots		
Shyrokyne (20km E	N/K NE	Heard 5 bursts	Small arms	29 April, 11:00-11:05
of Mariupol)	N/K N	Heard 6 bursts		-
2km E of		Heard 6 shots (assessed as outside		
Bohdanivka	3-5km NNW	disengagement area)		29 April, 11:15-11:20
(government-		and and a generation and a	HMG	1 /
controlled, 41km S		Heard 2 shots (assessed as outside	1	
of Donetsk)	3-4km NW	disengagement area)		29 April, 14:00
1.6km SE of	2-3km WSW	Heard 1 explosion (outgoing)		
Sakhanka ("DPR"-	1-2km WSW	Heard 1 explosion (impact)	N/K	29 April, 11:28
controlled, 24km E		· · · · ·	Small arms	
of Mariupol)	2km WSW	Heard 2 shots	Small arms	29 April, 11:33-11:44
_	N/K NE	Heard 10 undetermined explosions	N/K	_
W edge of Lebedynske	5-8km NNE	Heard 17 undetermined explosions		
(government-	e onni i ti de	ficula 17 anacterininea expresions	Artillery (type N/K)	29 April, 11:33-11:44
controlled, 16km E				
of Mariupol)				
2.3km SE of		Heard 4 undetermined explosions	N/K	
Lebedynske	/			
(government-	N/K NNE	Heard 6 bursts		29 April, 11:58-12:30
controlled, 16km E			Small arms	
of Mariupol)				
1.4km NE of		Heard uncountable, overlapping	Small arms	
Zaichenko ("DPR"-	3-4km SW	bursts and shots Small at this   Heard 10 undetermined explosions AGL		29 April, 13:07-13:15
controlled, 26km NE of Mariupol)			AGL	-
2.6km of Lomakyne				
(government-				
controlled, 15km NE	N/K NE	Heard 3 undetermined explosions	N/K	29 April, 13:15
of Mariupol)				
1.3km N of		Heard 8 undetermined explosions	N/K	
Novotroitske		Theard 8 dildetermined explosions	IV/K	-
(government-	1-2km E	Heard uncountable overlapping		29 April, 16:08-16:15
controlled, 36km SW	1-2KIII E	Heard uncountable, overlapping bursts and shots HMG an	HMG and small arms	29 April, 10.08-10.15
of Donetsk)		bursts and shots		
	1	Recorded 2 undetermined explosions	1	
SMM camera in Zolote (government- controlled, 60km W	4-6km SE 4-6km NE	(assessed as outside disengagement		28 April, 20:27
		area)	-	20 11pm, 20.27
		Recorded 1 undetermined explosion		
		(assessed as outside disengagement		28 April, 20:28
		area)		2011pin, 20120
		Recorded 1 undetermined explosion	-	
	4-6km SE	(assessed as outside disengagement		28 April, 20:30
	4-0km SE	area)		20 April, 20.50
		Recorded 1 undetermined explosion	Artillery or mortar (type N/K)	
	4-6km S	(assessed as outside disengagement		28 April, 20:31
of Luhansk)	r okin b	area)		20 mpin, 20.01
	3-5km NE	Recorded 1 undetermined explosion		
		(assessed as outside disengagement		28 April, 20:33
		area)		28 April, 20.55
		Recorded 1 undetermined explosion	1	
	3-4km NE	(assessed as outside disengagement		28 April, 20:34
		area)		
	4-6km SE	Recorded 1 undetermined explosion	1	28 April, 20:35
			1	·····, =0.00

	· · · · · · · · · · · · · · · · · · ·			
		(assessed as outside disengagement		
		area) Recorded 1 undetermined explosion		
		(assessed as outside disengagement		28 April, 20:42
		area)		20 April, 20.42
		Recorded 10 luminous objects in	N/K	
	>5km SE	descending vertical flight (assessed as		28 April, 21:01
	>JKIII SL	outside disengagement area)		20 April, 21.01
		Recorded 3 undetermined explosions		
	4-6km E	(assessed as outside disengagement	Artillery or mortar	28 April, 21:56
	4-0KIII L	area)	(type N/K)	20 April, 21.50
		Recorded 1 undetermined explosion		
	4-6km SSE	(assessed as outside disengagement	N/K	28 April, 23:01
	4 OKIII DOL	area)	10/1	20 April, 25.01
Kadiivka (formerly				
Stakhanov, "LPR"-				
controlled, 50km W	10km NNW	Heard 10 undetermined explosions	N/K	28 April, 23:03-23:05
of Luhansk)				
Orikhove				
(government-	101 0000		21/17	004 11 00 40 40 40
controlled, 57km	10km SSW	Heard 3 undetermined explosions	N/K	29April, 09:43-10:12
NW of Luhansk)				
400m SE of				
Stanytsia Luhanska	100 150	Heard 2 shots (assessed as inside	G 11	20.4.11.00.46
bridge (16km NE of	100-150m N	disengagement area)	Small arms	29 April, 09:46
Luhansk)				
Sentianivka		Heard 7 explosions (impacts)	Mortar (120mm)	
(formerly Frunze,	11-m CW			20 A mil 11,15 11,29
"LPR"-controlled,	1km SW	Heard 4 bursts (about 4 shots each)	IFV (BMP-2) cannon	29 April, 11:15-11:38
44km W of Luhansk)				
Teshleintes		Heard 75 bursts	HMG	
Toshkivka	10km SSE		MLRS, artillery (type	20 April 11,22 11,55
(government- controlled, 60km	TUKIII SSE	Heard 75 undetermined explosions	N/K), and IFV (BMP-	29 April, 11:33-11:55
NW of Luhansk)			1) cannon (73mm)	
-	8-10km SSE	Heard 11 undetermined explosions	N/K	29 April, 13:17-13:28
Raihorodka				
(government-	10km SE	Heard 1 undetermined explosion	N/K	20 April, 13:05
controlled, 34km	TOKIL	ficuld i undetermined explosion	10/1	20 April, 15.05
NW of Luhansk)				
E edge of Nyzhnie				
(government-				
controlled, 56km	5-8km SE	Heard 8 undetermined explosions	N/K	29 April, 14:13
north-west of				
Luhansk)				20 4 11 10 77
	3-4km SE	Heard 1 undetermined explosion	N/K	29 April, 18:55
	4.51-05	Heard 1 undetermined explosion		29 April, 19:12
Svitlodarsk	4-5km SE	Heard 4 bursts	4	29 April, 19:18
(government-		Heard 45 bursts	4	29 April, 19:20-19:24
controlled, 57km NE		Heard 31 bursts	INC	29 April, 19:25-19:31
of Donetsk)	3-4km SE	Heard 28 bursts	HMG	29 April, 19:34-19:40
		Heard 8 bursts	4	29 April, 20:47
		Heard 8 bursts	4	29 April, 21:10-21:17
	9 101 NT	Heard 6 bursts		29 April, 21:50
SMM camera at	8-10km NE	Recorded 4 airbursts	4	29 April, 19:12-19:20
Oktiabr mine (9km		Recorded 1 projectile from W to E	N/IZ	29 April, 19:59
NW of Donetsk city	4-6km NNE	Recorded 1 projectile from E to W	N/K	29 April, 20:29
centre)		Recorded 2 projectiles from E to W	4	29 April, 20:46
0.04		Recorded 1 undetermined explosion		29 April, 23:30
SMM camera in	2 51 ECE	Recorded 1 undetermined explosion	4	29 April, 19:43
Avdiivka	3-5km ESE	Recorded 1 undetermined explosion	N/IZ	29 April, 19:44
(government-		Recorded 2 undetermined explosions	N/K	29 April, 19:47
controlled, 17km N of Donetsk)	2-4km ESE	Recorded 1 undetermined explosion Recorded 1 projectile from N to S	4	29 April, 19:48
of Donetals)			1	· ·

Horlivka of Donetsk)Recorded 2 projectiles from N to S Recorded 1 projectile from N to S Recorded 1 projec	
Horlivka ("DPR"- controlled, 39km NE of Donetsk)Recorded 2 projectiles from N to S Recorded 1 projectile from N to S Recorded 1 illumination flare in vertical flight29 April, 19:55 29 April, 19:55 29 April, 19:57 29 April, 19:57 29 April, 19:57 29 April, 20:423-5km ESE 4-6km SWRecorded 1 illumination flare in vertical flight29 April, 20:40 29 April, 20:424-6km SWHeard 7 undetermined explosion Heard 1 2 burstsN/K Heard 12 bursts29 April, 20:46 29 April, 20:52 29 April, 21:11 Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosion Heard 2 undetermined explosion 4-6km SWPApril, 21:21 29 April, 21:21 29 April, 21:21 29 April, 21:23 29 April, 21:23Horlivka of Donetsk)4-7km SWHeard 2 undetermined explosion Heard 2 april, 21:31 29 April, 21:31 29 April, 21:31 29 April, 21:324-8km SWHeard 3 undetermined explosions <td></td>	
Hortivka of Donetsk)Percended 1 projectile from N to S Recorded 1 projectile from N to S Recorded 1 projectile from N to S 	
Horikka ("DPR"- controlled, 39km Ni of Donetsk)Secorded 1 projectile from Ni to S Recorded 1 projectile from Ni to E Recorded 1 projectile from Ni to E Recorded 1 projectile from Ni to E Recorded 1 projectile from Wi to E Recorded 1 illumination flare in vertical flight29 April, 19:57 29 April, 20:42 29 April, 20:42 29 April, 20:42 29 April, 20:42 29 April, 20:42 29 April, 20:40-20: Heard 1 2 bursts30 April, 01:1013 -5km ESERecorded 1 illumination flare in vertical flightN/K29 April, 20:40-20: 29 April, 20:50 29 April, 20:50 29 April, 20:52 29 April, 21:11 Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosionsN/K29 April, 21:11 29 April, 21:12 29 April, 21:21 29 April, 21:21 29 April, 21:22 29 April, 21:23Horlikka ("DPR"- controlled, 39km Ni of Donetsk)Heard 1 undetermined explosions Heard 2 undetermined explosionsN/K29 April, 21:23 29 April, 21:31 29 April, 21:31 29 April, 21:32Horlikka ("DPR"- controlled, 39km Ni of Donetsk)Heard 1 undetermined explosions Heard 2 undetermined explosionsN/K29 April, 21:31 29 April, 21:32Horlikka ("DPR"- controlled, 39km Ni 4-6km WHeard 2 undetermine	
Horlivka of Donetsk)Recorded 1 projectile from N to S Recorded 1 projectile from N to S Recorded 1 illumination flare in vertical flight29 April, 19:56 29 April, 20:42 29 April, 20:40 29 April, 20:40-20: Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosionsHMG29 April, 21:11 29 April, 21:11 29 April, 21:12 29 April, 21:22 29 April, 21:23 29 April, 21:23Horlivka of Donetsk)4-6km SWHeard 1 undetermined explosions Heard 2 undetermined explosions 29 April, 21:23 29 April, 21:31 29 April, 21:31 29 April, 21:31 29 April, 21:32 29 April, 21:32 29 April, 21:32 29 April, 21:31 29 April, 21:31 29 April, 21:32 29 April, 21:32 29 April, 21:34 29 April, 21:34 29 April,	
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5-7km SWHeard 3 burstsHMG29 April, 21:576-8km SWHeard 2 undetermined explosions29 April, 22:003-5km SWHeard 2 undetermined explosions29 April, 22:01	
6-8km SWHeard 2 undetermined explosions29 April, 22:003-5km SWHeard 2 undetermined explosions29 April, 22:01	
3-5km SW Heard 2 undetermined explosions 29 April 22:01	
29 April 2201	
4-6km SWHeard 2 undetermined explosionsIVIA29 April, 22:045-7km SWHeard 1 undetermined explosion29 April, 22:08	
S-/Kit SWHead 1 undetermined explosion29 April, 22.08Recorded 1 explosion (outgoing)29 April, 20:41	
N/K NNE Recorded 1 rocket-assisted projectile 29 April 21:05	
from W to E 29 April, 21:05	
Pacorded 1 rocket assisted projectile	
N to S N/K 29 April, 21:06	
Recorded 1 rocket assisted projectile	
N to S	
Recorded 1 explosion (outgoing) 29 April, 21:48	
SMM camera in Recorded uncountable tracers from	
Shyrokyne (20km F west to east HMO 29 April, 21:52	SMM camera in
	SMM camera in Shyrokyne (20km E
Recorded 2 tracers from SE-NW 29 April, 23:25	SMM camera in Shyrokyne (20km E of Mariupol)
Recorded 1 undetermined explosion	Shyrokyne (20km E
Recorded 13 tracers from SE-NW 29 April, 23:27	Shyrokyne (20km E
Recorded 15 tracers from NW to SE N/K 29 April, 23:28	Shyrokyne (20km E
Recorded 5 tracers from NW to SE 29 April, 23:29	Shyrokyne (20km E
Recorded 12 tracers from NW to SE	Shyrokyne (20km E
N/K NNE Recorded 1 rocket-assisted projectile 29 April, 23:30	Shyrokyne (20km E
IN/K NNE from NW to SE	Shyrokyne (20km E

		Recorded 3 tracers from NW to SE		29 April, 23:31
		Recorded 9 tracers from NW to SE	-	29 April, 23:33
				29 April, 25.55
		Recorded 13 tracers from NW to SE Recorded 7 tracers from SE to NW	_	29 April, 23:34
		Recorded 7 tracers from SE to NW Recorded 43 tracers from NW to SE	_	29 April, 23:35
		Recorded 1 undetermined explosion	-	30 April, 02:21
		Recorded 3 tracers from SE to NW	-	30 April, 03:00
		Recorded 1 undetermined explosion		30 April, 16:37
		Recorded 1 undetermined explosion		30 April, 16:53
	N/K N	Recorded 1 undetermined explosion	N/K	30 April, 17:08
	10/12/10	Recorded 1 undetermined explosion		30 April, 17:09
		Recorded 1 undetermined explosion	_	30 April, 17:10
		Recorded 1 airburst		30 April, 17:57
Variation of a (SDDD?)	2-5km SW	Heard 3 undetermined explosions	_	30 April, 10:00
Yasynuvata ("DPR"- controlled, 16km NE	3-5km W	Heard 1 undetermined explosion Heard 1 undetermined explosion	N/K	30 April, 10:25 30 April, 11:23
of Donetsk)	S-SKIII W	Heard 5 undetermined explosion	_	30 April, 13:27
of Donetsky	3-5km SW	Heard 1 burst	Small arms	30 April, 13:45
		Heard 1 undetermined explosion		30 April, 10:27
		Heard 1 undetermined explosion		30 April, 10:35
	2-4km S	Heard 1 undetermined explosion		30 April, 10:43
Avdiivka		Heard 1 undetermined explosion	- N/K	30 April, 10:48
(government-		Heard 1 undetermined explosion		30 April, 11:25
controlled, 17km N	2-5km SE	Heard 2 undetermined explosions		30 April, 11:27
of Donetsk)	1-2km SE	Heard 20 shots	Small arms	30 April, 11:30
	2-5km SE	Heard 1 undetermined explosion	N/K	30 April, 11:52
	2-3km SE	Heard 40 shots	- Small arms	20 April 14:40 14:54
	2-3KIII SE	Heard 20 bursts	Sinan arnis	30 April, 14:40-14:54
		Heard 12 shots	- Small arms	30 April, 10:38-10:54
2.6km SE of	N/K N	Heard 16 bursts	Sinun urms	50 April, 10.50 10.54
Lomakyne		Heard 2 undetermined explosions		
(government-	N/K NE	Heard 1 undetermined explosion	N/K	
controlled, 15km NE	N/K E	Heard 1 undetermined explosion		30 April, 10:54-11:18
of Mariupol	N/K N	Heard 90 shots	HMG	
Krasnohorivka		Heard 53 bursts		
("DPR"-controlled,	4-6km S	Heard 1 undetermined explosion	N/K	30 April, 10:40
21km W of Donetsk)	4-0KIII 5	field f undetermined explosion	1N/ IX	50 April, 10.40
NW edge of Pikuzy	2-3km NW	Heard 1 undetermined explosion	N/K	
(formerly	2 5811100	Heard 3 bursts	Small arms	
Kominternove,				20 4 11 11 05 11 05
"DPR"-controlled,	200m NW	Hand 1 and a size (autoring)	Recoilless gun (SPG-	30 April, 11:05-11:06
23km NE of		Heard 1 explosion (outgoing)	9, 73mm)	
Mariupol)				
Marinka		Heard 8 bursts	Small arms	
(government-	2-4km NE	Heard 10 shots	Sinun urms	30 April, 11:50-12:10
controlled, 23km SW		Heard 5 undetermined explosions	N/K	r,
of Donetsk) Novoaidar				
(government-		Saw 30 flashes and heard 30		
controlled, 49km	10-15km NE	explosions (outgoing)	N/K	29 April, 21:14-21:17
NW of Luhansk)		explosions (ourgoing)		
Kadiivka (formerly				
Stakhanov, "LPR"-	10-15km			
controlled, 50km W	NNE	Heard 26 undetermined explosions	N/K	29 April, 23:25-23:48
of Luhansk)				
1.5km W of Zolote-4		Heard 6 undetermined explosions		
(government-	7-10km NE	(assessed as outside disengagement	N/K	30 April, 07:22
controlled, 60km	/ TOKIH INE	area)	1 1/ 11	50 mpm, 07.22
NW of Luhansk)				
2km NE of		Heard 1 undetermined explosion		
Zolote (government-	7-8km S	(assessed as outside disengagement	N/K	30 April, 11:07
controlled, 60km W of Luhansk)		area)		_
of Lulialisk)			1	1

Pervomaisk ("LPR"- controlled, 58km W	5-7km SSW	Heard 12 explosions (impacts)	N/K	30 April, 12:28-12:30
of Luhansk)				



## Map of Donetsk and Luhansk regions<sup>2</sup>

 $<sup>^2</sup>$  The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)