SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)		Recorded 1 airburst		2 June, 19:35
		Recorded 13 undetermined explosions		2 June, 19:38-19:49
		Recorded 3 undetermined explosions		2 June, 20:01-20:06
		Recorded 6 undetermined explosions		2 June, 20:34-21:01
of Donetsk)		Recorded 2 tracers from E to W		2 June, 21:28
	4-6 km ESE	Recorded 1 undetermined explosion		2 June, 21:29
		Recorded 1 undetermined explosion		2 June, 21:56
		Recorded 10 projectiles from SE to NW		2 June, 22:05-22:11
		Recorded 1 undetermined explosion		2 June, 22:28
		Recorded 3 illumination flares from SE to NW	N/K	2 June, 22:39-22:41
		Recorded 3 projectiles from SE to NW		2 June, 22:47-22:59
		Recorded 3 projectiles from SE to NW		2 June, 23:37
	4-6 km ESE	Recorded 1 undetermined explosion		3 June, 10:15
	3-4 km S	Recorded 5 undetermined explosions		3 June, 16:10 – 16:25
	4-6 km ESE	Recorded 12 undetermined explosions		3 June, 17:59 – 18:11
		Recorded 1 airburst		3 June, 18:11
		Recorded 9 undetermined explosions		3 June, 18:15 – 18:25
SMM camera at	3-4km NE	Recorded 8 undetermined explosions		2 June, 19:02-19:09
Oktiabr mine (9km	4-5km NE	Recorded 1 undetermined explosion		2 June, 19:18
NW of Donetsk city		Recorded 1 undetermined explosion	N/K	2 June, 19:39
centre)	6-10 km NE	Recorded 4 airbursts		2 June, 19:47-19:52
		Recorded 2 undetermined explosions		2 June, 20:16-20:20
		Recorded 1 airburst		2 June, 20:32
		Recorded 1 projectile from E to W		2 June, 20:35
		Recorded 2 airbursts		2 June, 20:50-20:55
		Recorded 40 projectiles from NW to		2 June, 20:55-20:57
		SE		2.1. 21.00
		Recorded 1 airburst Recorded 3 projectiles from NW to		2 June, 21:00 2 June, 21:01
		SE		2 Julie, 21.01
		Recorded 1 projectile from SE to NW		2 June, 21:07
		Recorded 1 illumination flare from NE to SW		2 June, 21:26
		Recorded 1 projectile from NE to SW		2 June, 21:29
		Recorded 44 projectiles from SE to NW		2 June, 21:38-21:39
		Recorded 27 projectiles from NW to SE		2 June, 21:39-21:41
		Recorded 3 projectiles from SE to NW		2 June, 21:45
		Recorded 38 projectiles from NW to SE		2 June, 21:54-22:04

Table of ceasefire violations as of 4 June 2017¹

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.

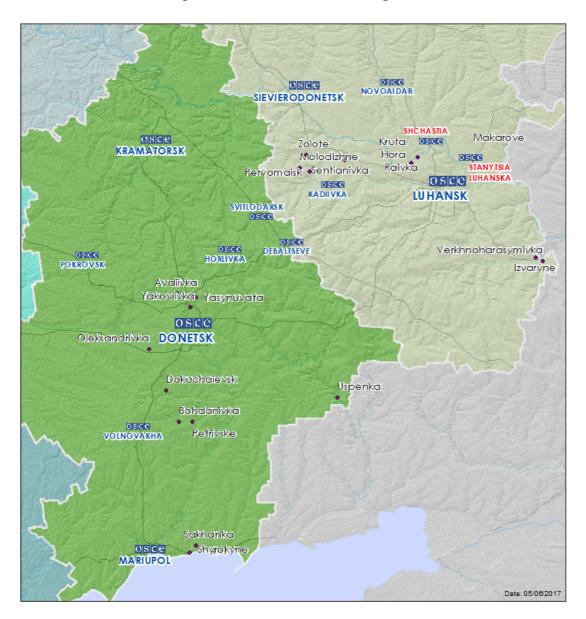
		Recorded 3 projectiles from NE to SW		2 June, 22:05
		Recorded 24 tracers from NW to SE	-	2 June, 22:10-22:15
		Recorded 4 projectiles from NW to SE		2 June, 22:16-22:18
		Recorded 3 projectiles from SE to NW		2 June, 22:34
		Recorded 1 undetermined explosion		2 June, 22:39
		Recorded 11 projectiles from NW to SE		2 June, 22:46-22:48
		Recorded 7 projectiles from NW to SE		2 June, 23:05-23:14
		Recorded 1 undetermined explosion	-	2 June, 23:13
		Recorded 8 projectiles from NW to SE		2 June, 23:33-23:36
		Recorded 2 projectiles from NE to SW		2 June, 23:50
		Recorded 4 projectiles from SE to NW		3 June, 00:10
		Recorded 10 projectiles from E to W		3 June, 00:27
Yasynuvata ("DPR"-		Heard 1 undetermined explosion		3 June, 10:14
controlled, 16km NE of Donetsk)	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 11:00
of Donetsk)		Heard 1 undetermined explosion	-	3 June, 12:09
	2-3km W	Heard 2 bursts	HMG	3 June, 12:11
	2-4km W	Heard 2 undetermined explosion		3 June, 12:17
	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 12:28
	5-8km W	Heard 1 undetermined explosion	-	3 June, 12:42
	2-3km W	Heard 12 shots	Small arms	3 June, 12:22-12:24
	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 12:51
	2-3km NNW	Heard 4 bursts	HMG	3 June, 12:52
		Heard 1 undetermined explosion		3 June, 13:10
	3-5km W	Heard 6 bursts	N/K	3 June, 13:46
		Heard 1 undetermined explosion	-	3 June, 14:12
	2-3km W	Heard 2 bursts	HMG	3 June, 14:49
	5-8km W	Heard 2 undetermined explosion	N/K	3 June, 15:15-15:17
Oleksandrivka	2-3km W	Heard 10 outgoing explosions	N/K	3 June, 09:31-09:38
("DPR"-controlled, 20km SW of	1km W	Heard 3 bursts	Small arms	3 June, 11:44
Donetsk)	5-8km NW	Heard 1 undetermined explosion	N/K	3 June, 14:55
	2-3km NNE	Heard 4 bursts	Small arms	3 June, 15:12
	2-3km NNE	Heard 2 undetermined explosions	N/K	3 June, 15:15-15:17
		Heard 6 undetermined explosions	N/K	3 June, 15:20-15:33
Donetsk central	2.5km N	Heard 9 bursts	HMG	
railway station		Heard 10 shots	Small arms	- 3 June, 15:33
("DPR"-controlled, 6km NW of Donetsk	2.5-3km	Heard 102 undetermined explosions	N/K	
city centre)	NNW	Heard 52 bursts	HMG	3 June, 15:41-16:05
		Heard 6 undetermined explosions	N/K	3 June, 16:06-16:12
		Heard 12 bursts	HMG	3 June, 16:13-16:15
	2-3km NW	Heard 3 undetermined explosions	N/K	3 June, 16:15
		Heard 32 bursts	HMG	3 June, 16:16-16:19
SMM camera at	N/W N	Recorded 1 undetermined explosion.		2 June, 18:44
Shyrokyne (20km E	N/K N	Recorded 1 undetermined explosion.	N/K	2 June, 18:46

of Mariupol)		Recorded 9 tracers from W to E		2 June, 21:02-21:03
••••••••••••••••••••••••••••••••••••••		Recorded 4 rocket assisted projectiles		2 June, 21:08-21:11
	N/K NE	from W to E		20000, 21:00 21:11
	IN/K INE	Recorded 16 tracers from W to E		
		Recorded 2 tracers from E to W		2 June-, 21:08-21:11
		Recorded 1 undetermined explosion		2 June, 21:38
		Recorded 1 tracer from E to W		2 June, 23:02
		Recorded 2 tracers from W to E		2 June, 23:49
	N/K NNE	Recorded 6 tracers from E to W		3 June, 00:10
		Recorded 1 tracer from W to E		3 June, 02:09
		Recorded 1 tracer from W to E		3 June, 02:55
Novohnativka (government- controlled, 40km S of Donetsk)	3-4km NW	Heard 3 explosions (outgoing)	N/K	03 June, 10:43-10:50
2km SSE of		Heard at least 8 bursts	AGL	
Sakhanka ("DPR"-	1-2km W	Heard 6 shots	Small arms	03 June, 11:15-11:35
controlled, 24km NE	N/K W	Heard 5 undetermined explosions	Sindir drins	05 Julie, 11:15-11:55
of Mariupol)		Heard 10 undetermined explosions		03 June,11:50-12:00
••••• • •••	N/K NW	Heard 2 undetermined explosions	N/K	03 June, 12:40-12:45
	N/K NNW	Heard 1 undetermined explosion	10/11	05 Julie, 12:10 12:15
3km NNE of	3-5km S	Heard 4 undetermined explosion	N/K	03 June
Hnutove (government- controlled, 20km NE of Mariupol)	5-5km 5	fread + undetermined explosions		12:30
Sopyne (government- controlled, 16km E of Mariupol)	N/K NE	Heard 4 undetermined explosions	N/K	03 June, 13:29-13:35
Horlivka ("DPR"- controlled, 39km NE of Donetsk)	3-5 km W	Heard 4 shots	Small arms	2 June, 21:40
Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	4km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	03 June, 10:04
	8km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)		
	3km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)		03 June, 13:49
2km S of Muratove	2-3km S	Heard 40 shots	IFV (BMP-2)	03 June, 10:45-11:01
(government-	- ~		cannon (30mm)	
controlled, 51km		Heard 10 shots	AGL	
NW of Luhansk)	0.21		0 11	0.2 I
Zolote-4 (government- controlled, 60km NW of Luhansk)	0.3km NE	Heard 1 shot (assessed as outside the disengagement area)	Small arms	03 June, 15:55
"DPR"-controlled,	8-12km N	Heard 22 undetermined explosions	N/K	3 June, 22:43-22:54
Donetsk city		December 2 - interioring (* 1919)	NI/IZ	2 Iune 10 01 10 05
SMM camera in	4-6km ESE	Recorded 3 explosions (impact)	N/K	3 June, 19:01-19:05
Avdiivka		Recorded 5 undetermined explosions		3 June, 22:54
(government- controlled, 17km N		Recorded 3 undetermined explosions		3 June, 23:29
of Donetsk)		Recorded 5 undetermined explosions		3 June, 23:53
or convolt		Recorded 10 undetermined explosions		4 June, 00:08-00:22
		Recorded 3 undetermined explosions Recorded 1 illumination flare in		4 June, 00:53 4 June, 00:56
		vertical flight Recorded 1 illumination flare in vertical flight		4 June, 03:57
SMM camera at		Recorded 10 undetermined explosions	N/K	3 June, 18:40 –18:59
	•	- · · ·	÷	

Oktubr mine (Wm) centire) 3-Sim NF: Recorded & undetermined explosion Recorded at least 10 projectiles from W to E 3 June, 19:50 Recorded & least 10 projectiles from W to E Recorded at least 30 projectiles from W to E 3 June, 21:37-2 Recorded & least 10 projectiles from W to E 3 June, 21:32-22:59 3 June, 22:32-22 Debaltseve ("DPR"; controlled, 5km NF: of Donesks) 2-4km N Recorded at least 25 projectiles from Fecorded at least 25 projectiles from View 3 June, 22:51-22:58 Debaltseve ("DPR"; controlled, 5km NF: of Donesks) 2-4km N Heard 1 shots Small arms 4 June, 14:39-11:01 Donesks central railway station NK W Heard 1 shots Small arms 4 June, 14:43-11:20 Min Worl Donesks NK W Heard 1 shots Small arms 4 June, 14:43-11:400 railway station NK W Heard 1 shots Small arms 4 June, 16:31-12:0 Min Worl Donesks Heard 1 shots Small arms 4 June, 16:31-12:0 Min Worl Donesks Heard 1 shots Small arms 4 June, 10:31-12:0 Min Worl Donesks Heard 1 undetermined explosion NK 4 June, 10:32-11:42:0 Heard 1 undetermined explosion NK 4 June, 10:32-11:42:0 Heard 1:42:0 Heard 2 brots HiMG 4 June, 10:33-11:42:0 Heard 1:42:0 Heard 1 undetermined explosion NK		0.51 NIE			2.1 10.15
centre) Recorded 1 undetermined explosion 3 June, 21:14 Recorded 1 least 30 projectiles from W to E Recorded a least 30 projectiles from W to E 3 June, 21:37 Recorded a least 30 projectiles from W to E 3 June, 21:52:22:2 3 June, 22:15:22:22 Debaftseve ("DPR", controlled, Skm Nt: of Donetsk) 3 June, 22:15:22:28 3 June, 22:15:22:28 Debaftseve ("DPR", controlled, Skm Nt: of Donetsk) 4 Hard 7 shots Small arms 4 June, 10:39:11:91 Of Donetsk) Heard 1 shots Small arms 4 June, 10:39:11:91 Of Donetsk) NK Heard 1 shots Small arms 4 June, 15:40 Nyny, Uxan ("DPR", controlled, Ifkm NW Heard 1 shots Small arms 4 June, 15:40 Km W / Donetsk Heard 1 shots Small arms 4 June, 10:39:11:91 Of Donetsk) Heard 1 shots Small arms 4 June, 10:30 Heard 1 shots <		3-5km NE	-	-	
Provided at least 30 projectiles from Wo E Provedied at least 30 projectiles from Wo E Provedied at least 30 projectiles from Wo E Recorded 2 projectiles from Wo E Provedied at least 150 projectiles from Eventied at least 50 projectiles from Eventied at least 50 projectiles in Vectored at least 25 projectiles in Vectored at least 150 projectiles from Wo E 3 June, 22:15-22:22 Debaltseve ("DPR") 2-4km N Heard 1 shots Small arms 4 June, 10:59-11:01 Dotestic NKW Heard 1 shots Small arms 4 June, 14:24-14:40 Dotestic NKW Heard 1 shots Small arms 4 June, 14:24-14:40 Drovestic NKW Heard 1 shots Small arms 4 June, 14:34-14:40 Drovestic NKW Heard 1 shots Small arms 4 June, 16:12 Vectored (Jokn Ne) Vectored (Jokn Ne) Heard 1 burst Small arms 4 June, 10:30 Vectored (Jokn Ne) Orbonestic Nik 4 June, 10:31 Heard 2 molectrnined explosion Nik 4 June, 10:3 Heard 3 bursts HMG 4 June, 10:3 Heard 1 Junetermined explosion Nik 4 June, 10:3 Heard 3 bursts HMG 4 June, 10:3 Heard 3 bursts HMG 4 June, 10:3 Heard 3 bursts HMG 4 June, 10:3 Heard 3 bursts HMG 4 June, 10:3 <					
W to E Recorded 2 projectiles from W to E 3 June, 21:37 Recorded at least 10 projectiles from W to E 3 June, 21:37 3 June, 21:37 Recorded at least 25 projectiles from W to E 3 June, 21:37 3 June, 21:37 Debattseve ("DPR"- controlled, 5km NE of Donetsk) 3 June, 22:31 3 June, 22:31 Debattseve ("DPR"- controlled, 5km NE of Donetsk) 2-4km N Heard 1 shots Small arms 4 June, 10:59-11:01 Ordonetski Ikm NW Heard 1 shots Small arms 4 June, 14:34-14:40 Ways rustan Fileway Station NK 4 June, 15:40 3 June, 22:51-22:58 Mikeway Station NK Heard 1 shots Small arms 4 June, 14:34-14:40 Ways rustan ("DPR"- controlled, 16km Ne of Donetsk) Heard 1 horts HMG 4 June, 15:40 Ways rustan ("DPR"- controlled, 16km Ne of Donetsk) Heard 1 horts HMG 4 June, 10:03 Heard 2 barts HMG 4 June, 10:03 Heard 1 horts HMG 4 June, 10:03 Heard 3 barts Heard 2 barts HMG 4 June, 10:13 Heard 1 horts HMG 4 June, 10:13 Heard 3 b	centre)			-	3 June, 21:14
Recorded at least 10 projectiles from W to E Recorded at least 15 projectiles from E to W Recorded at least 25 projectiles in vertical flightSmall arms3 June, 22: 5-22: 32Debaltever ("DPR"- controlled, 5km NE or Donetsk)2-4km NHeard 7 shotsSmall arms4 June, 10: 59-11:01Derbaltever ("DRP"- controlled, 5km NE or Donetsk)1km NWHeard 4 shotsSmall arms4 June, 14:24:14:40Donetsk central rulway stationNKWHeard 4 shotsSmall arms4 June, 14:24:14:40MKW WHeard 4 shotsSmall arms4 June, 14:24:14:40CMR NW of Donetsk- Lam NWHeard 1 shotSmall arms4 June, 14:24:14:40CMR NW of Donetsk- Lam NWHeard 1 shotSmall arms4 June, 15:402:Skm WWHeard 1 burstSmall arms4 June, 10:95Heard 2 shotsortholet, Jkm NHeard 2 obstosSmall arms4 June, 10:031:Heard 1 undetermined explosionN/K4 June, 10:031:Heard 2 undetermined explosionN/K4 June, 10:031:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:431:Heard 3 burstsHMG4 June, 10:201:Heard 3 burstsHMG4 June, 10:201:Heard 4 shotsSmall arms4 June, 10:201:Heard 4 burstsHeard 4 June, 10:151:Heard 4 burstsHeard 4 June, 10:151:Heard 4 burstsHeard 4					
Recorded at least 10 projectiles from W to E Recorded at least 15 projectiles from E to W Recorded at least 25 projectiles in vertical flightSmall arms3 June, 22: 5-22: 32Debaltever ("DPR"- controlled, 5km NE or Donetsk)2-4km NHeard 7 shotsSmall arms4 June, 10: 59-11:01Derbaltever ("DRP"- controlled, 5km NE or Donetsk)1km NWHeard 4 shotsSmall arms4 June, 14:24:14:40Donetsk central rulway stationNKWHeard 4 shotsSmall arms4 June, 14:24:14:40MKW WHeard 4 shotsSmall arms4 June, 14:24:14:40CMR NW of Donetsk- Lam NWHeard 1 shotSmall arms4 June, 14:24:14:40CMR NW of Donetsk- Lam NWHeard 1 shotSmall arms4 June, 15:402:Skm WWHeard 1 burstSmall arms4 June, 10:95Heard 2 shotsortholet, Jkm NHeard 2 obstosSmall arms4 June, 10:031:Heard 1 undetermined explosionN/K4 June, 10:031:Heard 2 undetermined explosionN/K4 June, 10:031:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:151:Heard 3 burstsHMG4 June, 10:431:Heard 3 burstsHMG4 June, 10:201:Heard 3 burstsHMG4 June, 10:201:Heard 4 shotsSmall arms4 June, 10:201:Heard 4 burstsHeard 4 June, 10:151:Heard 4 burstsHeard 4 June, 10:151:Heard 4 burstsHeard 4			Recorded 2 projectiles from W to E		3 June, 21:37
win 5 E Recorded at least 150 projectiles from E to W 3 June, 22:15-22:22 June, 22:15-22:22 3 June, 22:15-22:22 Dehalberey ("DPR"- controlled, 5km NF controlled, 5km NF 2-4km N Heard 7 shots Small arms 4 June, 14:34-14:40 Donetskis NK W Heard 14 shots Small arms 4 June, 14:34-14:40 Tobrowskis NK W Heard 1 shots Small arms 4 June, 14:34-14:40 Tobrowskis NK W Heard 1 undetermined explosion NK 4 June, 14:34-14:40 Tobrowskis NK W Heard 1 undetermined explosion NK 4 June, 15:40 Yaymuvata ("DPR"- controlled, 16km NF of Donetskis 4 June, 10:31 Heard 1 undetermined explosion NK 4 June, 10:31 Heard 2 undetermined explosion NK 4 June, 10:33 Heard 3 June; 10:33 Heard 1 June; 10:44 Heard 2 undetermined explosion NK 4 June, 10:44 Heard 2 June; 10:45 4 June; 10:44 Heard 3 June; 12:20 shots HMG 4 June; 10:46 Heard 3 June; 10:46 4 June; 10:44					
Recorded at least 150 projectiles from E to W Recorded at least 25 projectiles in vertical flight3 June, 22:15-22:223 June, 22:233 June, 22:23Dehalleeve ("DPR". controlled, 58tm Nic of Donetsk)2-4km NHeard 7 shotsSmall arms4 June, 10:59-11:01Donetsk central rubwy station ("DPR"- controlled, 64tm Nic ("DPR"- controlled, 64tm Nic of Donetsk)Ihm NWHeard 14 shotsSmall arms4 June, 14:43-14:40MK W ("DPR"- controlled, 64tm Nic ("DPR"- taryanival ("DPR"- activated ("DR"- outside)N/KHaard 14 shotsSmall arms4 June, 14:45-14:40MK W ("DPR"- taryanival ("DPR"- taryanival ("DPR"- taryani					
Recorded at least 25 projectiles in vertical flight3 June, 22:23Debaltneve ("DPR"- controlled, 58km NE af Donetsk or Donetsk central railway station3 June, 22:51-22:58MK WHeard 7 shotsSmall arms4 June, 10:59-11:01NK WHeard 14 shotsSmall arms4 June, 14:34-14:40NK WHeard 14 shotsSmall arms4 June, 14:34-14:40NK WHeard 14 shotsSmall arms4 June, 15:12City CentrolTum NWHeard 1 undetermined explosionN/K4 June, 15:12Stand Kin Kin Kin Kin MitTum NWHeard 1 undetermined explosionN/K4 June, 05:51Orbonetsk ()Heard 2 obstosSmall arms4 June, 00:55Fleard 1 undetermined explosionN/K4 June, 10:03Heard 1 undetermined explosionN/K4 June, 10:16Heard 1 undetermined explosionN/K4 June, 10:13Heard 1 undetermined explosionN/K4 June, 10:16Heard 1 undetermined explosionN/K4 June, 10:16Heard 2 undetermined explosionN/K4 June, 10:16Heard 3 bardsHeard 4 shotsSmall arms4 June, 11:06Heard 3 bardsHeard 4 shotsSmall arms4 June, 11:06-Skm WWHeard 3 shotsHard 4 shotsSmall arms4 June, 11:06-Skm WWHeard 3 shotsHeard 3 shotsHuard 2 shotsJune, 12:00Heard 4 shotsSmall arms4 June, 12:004 June, 12:00Heard 2 undetermined explosionN/K4 June, 12:014 June, 12:01 <td></td> <td></td> <td>Recorded at least 150 projectiles from</td> <td>-</td> <td>3 June, 22:15-22:22</td>			Recorded at least 150 projectiles from	-	3 June, 22:15-22:22
vertical flight Recorded 3 projectiles from W to E3 June, 22:51-22:58Debataeve ("DPR"- controlled, 58km NE of Donetsk)2-4km NHeard 7 shotsSmall arms4 June, 10:59-11:01Otonetsk central ralway station ("DPR"-controlled, 6km NW of Donetsk)Ikm NWHeard 14 shotsSmall arms4 June, 14:34-14:45NK WHeard 1 shotSmall arms4 June, 15:12Small arms4 June, 15:12Vasynuvata ("DPR"- controlled, 16km NK of Donetsk)				-	3 June, 22:23
Recorded 2 projectiles from W to E3 June, 22:51-22:58Controlled, 58km NE of DonetskyHeard 7 shotsSmall arms4 June, 10:59-11:01Donetsk central railway station (1PR *-controlled, (1PR *-controlled, MW of Donetsk)Ikm NWHeard 1 shotsSmall arms4 June, 14:34-14:40MK W (1PR *-controlled, (1PR *-controlled, (1PR *-controlled, (1Rm NE)Heard 1 shotSmall arms4 June, 15:12Atm NU of Donetsk (1PR *-controlled, (1Rm NE)Heard 1 burstHIMG4 June, 15:12Atm NU of Donetsk of Donetsk)Heard 1 burstHIMG4 June, 09:51Atm NU of Donetsk of Donetsk)Heard 1 burstHIMG4 June, 10:03Heard 1 undetermined explosion Heard 1 undetermined explosionN/K4 June, 10:03Heard 1 undetermined explosion Heard 1 undetermined explosionN/K4 June, 10:13Heard 1 undetermined explosion Heard 1 burstsHIMG4 June, 10:43Heard 1 undetermined explosion Heard 1 burstsHIMG4 June, 10:46Heard 2 bursts Heard 1 undetermined explosionN/K4 June, 10:46Heard 2 bursts Heard 1 undetermined explosionN/K4 June, 11:403-Skm WN Heard 1 undetermined explosionN/K4 June, 11:20-11:403-Skm WN Heard 1 undetermined explosionN/K4 June,					
controlled, S&m NE image: station image: station image: station Donotsk central railway station Ikm NW Heard 1 shot Small arms 4 June, 14:34-14:40 MK W Heard 1 shot Small arms 4 June, 15:12 6km NW of Donetsk (if y centry) 2-3km W Heard 1 burst HMG 4 June, 09:51 7asynuvata ("DPR", controlled, 16km NE of Donetsk) 2-3km W Heard 1 burst HMG 4 June, 00:30 Heard 1 undetermined explosion N/K 4 June, 00:31 Heard 1 undetermined explosion N/K Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K Heard 1 undetermined explosion N/K 4 June, 10:33 Heard 1 undetermined explosion N/K 4 June, 10:33 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:33 Heard 2 undetermined explosion N/K 4 June, 10:40 Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 3-5km W			Recorded 3 projectiles from W to E		3 June, 22:51-22:58
of Donesk em em em Donesk outright Ikm NW Heard 1 shots Small arms 4 June, 14:43-14:40 rulway station Texm NW Heard 1 indetermined explosions N/K 4 June, 15:12 6km NW of Donetsk 4-Stm NE Heard 1 undetermined explosion N/K 4 June, 15:40 4'yasynuvata ("DPR"- controlled, 16km NE of Donetsk) 2-3km W Heard 1 undetermined explosion N/K 4 June, 09:51 Heard 2 Distots Small arms 4 June, 10:03 Heard 2 Undetermined explosion N/K 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:15 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosions N/K 4 June, 10:44 Heard 1 undetermined explosion N/K 4 June, 10:44 Heard 2 undetermined explosion N/K 4 June, 10:45 4 June, 11:40 4 June, 11:40 Advarta June 20 shots Small arms 4 June, 11:40 4 June, 1	Debaltseve ("DPR"-	2-4km N	Heard 7 shots	Small arms	4 June, 10:59-11:01
Donetsk central rulway station Ikm I W Heard I shots Small arms 4 June, 14:34-14:40 ("DPR"-controlled, 6km NW of Donetsk (by centre) Ikm NW Heard 1 shot Small arms 4 June, 15:12 (W W) of Donetsk (by centre) Ikm NW Heard 1 undetermined explosion N/K 4 June, 15:12 (Ye cutre) 2-3km W Heard 1 burst HMG 4 June, 09:51 (Ya cutre) Fleard 20 shots Small arms 4 June, 00:3 Heard 1 undetermined explosion N/K 4 June, 10:3 Heard 1 undetermined explosion N/K 4 June, 10:3 Heard 1 undetermined explosion N/K 4 June, 10:33 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 2 biorsts HMG 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 11:40 4 June, 11:40 Heard 2 biorsts HMG 4 June, 11:40 Heard 1 undetermined explosion N/K 4 June, 11:40 <td></td> <td></td> <td></td> <td></td> <td></td>					
NK W Heard 4 undetermined explosions N/K 4 June, 14:45 (CPDPR"-controlled, etry centre) 4 June, 15:12 4 June, 15:12 Vasynuvat ("DPR"- controlled, 16km Ne of Donetsk) 2-3km W Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:03 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosions N/K 4 June, 10:46 Heard 2 undetermined explosions N/K 4 June, 10:46 Heard 2 barsts HMG 4 June, 11:30-11:40 3-5km WNW Heard 3 shots 4 June, 11:30-11:40 3-5km WNW Heard 1 shots N/K 4 June, 12:20 Heard 1 undetermined explosion N/K 4 June, 12:20 Heard 1 undetermined explosion		1km NW	Heard 14 shots	Small arms	4 June, 14:34-14:40
("DPR":controlled, 6km NW of Donetsk Itm NW Heard 1 shot Small arms 4 June, 15:12 (km NW of Donetsk) Heard 1 undetermined explosion N/K 4 June, 15:12 (Yasynuvata ("DPR"- of Donetsk) 2-3km W Heard 1 burst HMG 4 June, 09:51 ortnolled, 16km NE of Donetsk) Heard 1 undetermined explosion N/K 4 June, 00:03 Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:44 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:44 Heard 2 undetermined explosion N/K 4 June, 10:44 Heard 2 undetermined explosion N/K 4 June, 11:20-11:40 3-5km WW Heard 8 shots Small arms 4 June, 11:20-11:40 3-5km WW Heard 1 shots M/K 4 June, 12:20 Heard 2 shots Small arms 4 June, 12:33 Heard 2 undetermined explosion N/K 4 June, 12:03 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
6km NW of Donetsk 4-5km NE Heard 1 undetermined explosion N/K 4 June, 15:40 Yasynuvata ("DPR"- controlled, 16km NE of Donetsk) 2-3km W Heard 1 burst HMG 4 June, 00:51 Heard 2 barts HMG 4 June, 00:03 Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 3 bursts HMG 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 2 undetermined explosion N/K 4 June, 10:13 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 barts HMG 4 June, 10:46 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 barts Heard 2 barts HMG 4 June, 11:20-11:40 4 June, 11:20-11:40 3-5km WN Heard 3 shots N/K 4 June, 11:20-11:40 4 June, 12:20 Heard 1 barts Heard 1 barts Small arms 4 June, 12:20 Heard 2 barts </td <td></td> <td></td> <td></td> <td></td> <td></td>					
city centre) 2-3km W 4eard 1 burst Haard 2 oshots 5mall arms 4 June, 09:51 Heard 2 oshots 6r Donetsk) 4 June, 10:03 Heard 2 oshots 6r Heard 2 oshots 6r Heard 2 oshots 6r Heard 2 oshots 7r Hear					-
Yasymutal ("DPR"- controlled, 16km Ne of Donetsk) 2-3km W Heard 1 burst Heard 20 shots HMG 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosions N/K 4 June, 11:20-11:40 Heard 1 undetermined explosion M/K 4 June, 11:20-11:40 3-5km WW Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 June, 12:20 2-3km W Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 June, 12:20 2-3km WW Heard 1 undetermined explosion N/K 4 June, 12:08 June, 12:08 Heard 1 undetermined explosion N/K	city centre)		ricard i undetermined explosion	11/11	1 3 4110, 13.70
controlled, 16km NE of Donetsk)Heard 2 shotsSmall arms4 June, 10:03Heard 1Indetermined explosionN/K4 June, 10:03Heard 2Indetermined explosionN/K4 June, 10:15Heard 1Indetermined explosionN/K4 June, 10:15Heard 1Indetermined explosionN/K4 June, 10:15Heard 1Indetermined explosionN/K4 June, 10:13Heard 1Indetermined explosionN/K4 June, 10:43Heard 1Indetermined explosionN/K4 June, 10:44Heard 2Indetermined explosionN/K4 June, 10:44Heard 2Undetermined explosionsN/K4 June, 10:44Heard 2Undetermined explosionsN/K4 June, 10:44Heard 2ShotsSmall arms4 June, 11:203-5km WNWHeard 20 shotsSmall arms4 June, 11:203-5km WNWHeard 3 shotsSmall arms4 June, 11:20Heard 2JurstsHard 1June, 12:20Heard 3ShotsSmall arms4 June, 12:202-3km WHeard 1shotsSmall arms4 June, 12:20Heard 4JastosSmall arms4 June, 12:20Heard 2Undetermined explosionN/K4 June, 12:20Cleksandrivka1-2km NWHeard 1 undetermined explosionN/K("DPR"-controlled,3-4km NHeard 2 undetermined explosionHardHeard 1Undetermined explosionN/K4 June, 11:16Donetsk)1.5km EHea		2-3km W	Heard 1 burst	HMG	4 June, 09:51
of Donetsk) of Donetsk) Heard 1 undetermined explosion N/K 4 June, 10:03 Heard 5 bursts HMG 4 June, 10:03 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:13 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 1 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:43 Heard 2 undetermined explosion N/K 4 June, 10:44 Heard 2 undetermined explosion N/K 4 June, 10:46 Heard 2 bursts HMG 4 June, 11:20-11:40 3-5km WW Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 3-5km WW Heard 3 shots Small arms 4 June, 11:20-11:40 3-5km WW Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 2-3km W Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 Oleksandrivka 1-2km NW Heard 1 undetermined explosion N/K 4 June, 11:20-11:40 Oleksandrivka 1-2km					
Image: Problem StateHeard 1 undetermined explosionHMG4 June, 10:03Heard 3 burstsHMG4 June, 10:13Heard 3 burstsHMG4 June, 10:13Heard 3 burstsHMG4 June, 10:13Heard 1 undetermined explosionN/K4 June, 10:13Heard 2 undetermined explosionN/K4 June, 10:43Heard 2 undetermined explosionsN/K4 June, 10:43Heard 2 undetermined explosionsN/K4 June, 10:46Heard 2 undetermined explosionsN/K4 June, 10:46Heard 3 burstsHMG4 June, 10:46Heard 1 uncountable overlapping shots and burstsSmall arms4 June, 11:20-11:403-5km WHeard 3 shots5mall arms4 June, 11:30-11:403-5km WWHeard 2 burstsSmall arms4 June, 12:03Heard 2 burstsHeard 3 shots4 June, 12:03Heard 2 burstsSmall arms4 June, 12:03Heard 3 botsSmall arms4 June, 14:07Heard 4 undetermined explosionN/K4 June, 14:07Heard 4 undetermined explosionN/K4 June, 15:25-15:46Oleksandrivka1-2km NWHeard 1 undetermined explosionsN/K(PDPR"-controlled, 20km W of Donetsk)1.5km EHeard 1 undetermined explosionN/KHeard 1 undetermined explosionN/K4 June, 11:26Mariupol)1.5km EHeard 1 undetermined explosion4 June, 11:26Mariupol)1.5km ERecorded 1 tracer from E to WN/K3 June, 21:27Recorded 1 tracers f	of Donetsk)				
Heard 1 undetermined explosionN/K4 June, 10:13 Heard 1 undetermined explosionHeard 1 undetermined explosionN/K4 June, 10:15Heard 1 undetermined explosionN/K4 June, 10:33 Heard 1 undetermined explosionN/KHeard 2 undetermined explosionN/K4 June, 10:44Heard 2 undetermined explosionN/K4 June, 10:46Heard 2 undetermined explosionN/K4 June, 11:05Heard 2 undetermined explosionN/K4 June, 11:063-5km WNHeard 3 shotsSmall arms4 June, 11:303-5km WNWHeard 2 bartsSmall arms4 June, 11:30Heard 2 bartsHeard 2 barts4 June, 12:00Heard 3 shotsSmall arms4 June, 12:002-3km WHeard 1 shotsSmall arms4 June, 14:07Heard 1 shotsSmall arms4 June, 15:25-1546Oleksandrivka ("DPR"-controlled, 20km SW ofHeard 1 undetermined explosionN/K4 June, 11:16Onetsk)1.2km NWHeard 1 undetermined explosions4 June, 11:164 June, 11:16Heard 1 undetermined explosionN/K4 June, 11:164 June, 11:16Obenetsk)1.2km NWHeard 2 undetermined explosion4 June, 11:16Heard 1 undetermined explosionN/K4 June, 11:16Bonetsk)N/K NRecorded 1 tracer from E to W3 June, 2	,				
Heard 3 burstsHMG4 June, 10:15Heard 1 undetermined explosionN/K4 June, 10:43Heard 1 undetermined explosionN/K4 June, 10:43Heard 2 undetermined explosionsN/K4 June, 10:44Heard 2 undetermined explosionsN/K4 June, 10:44Heard 2 undetermined explosionsN/K4 June, 10:483-5km WNWHeard 20 shotsSmall arms4 June, 11:05Heard 10 burstsHMG4 June, 11:054 June, 11:20-11:403-5km WNWHeard 10 adtermined explosionN/K4 June, 11:30-11:403-5km WNWHeard 1 shotsMather 11:30-11:403-5km WNWHeard 1 shotsSmall arms4 June, 12:03Heard 2 burstsHeard 2 bursts4 June, 12:03Heard 2 burstsHeard 1 undetermined explosionN/K4 June, 12:03Heard 1 undetermined explosionN/K4 June, 12:202-3km WHeard 1 shotsSmall arms4 June, 14:407Heard 2 burstsHeard 1 undetermined explosionN/K4 June, 11:13("DPR"-controlled, 21km WHeard 1 undetermined explosionsN/K4 June, 11:13Oleksandrivka1.5km EHeard 1 undetermined explosionsN/K4 June, 11:16Obertsk)1.5km ERecorded 1 tracer from E to WN/K3 June, 21:27Recorded 1 tracer from E to WRecorded 1 tracer from E to W3 June, 21:27Recorded 1 tracer from E to W3 June, 21:273 June, 21:27Recorded 1 tracers from E to W3 June, 21:273 June, 21:27 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Heard 1 undetermined explosionN/K4 June, 10:33Heard 1 undetermined explosionN/K4 June, 10:43Heard 2 undetermined explosionsN/K4 June, 10:44Heard 2 undetermined explosionsN/K4 June, 10:46Heard 7 burstsHMG4 June, 10:48Heard 0 ShotsSmall arms4 June, 11:053-5km WNWHeard 1 undetermined explosionN/K4 June, 11:30-11:403-5km WNWHeard 2 burstsM4 June, 11:30-11:403-5km WNWHeard 2 burstsM4 June, 12:03Heard 3 shotsHeard 3 shots4 June, 12:03Heard 3 shotsHeard 1 indetermined explosionN/K4 June, 12:03Heard 3 shotsHeard 1 indetermined explosionM/K4 June, 12:00Heard 1 lishotsHeard 1 indetermined explosionM/K4 June, 12:00Heard 2 burstsHeard 1 indetermined explosionM/K4 June, 12:00Heard 1 undetermined explosionM/K4 June, 12:004 June, 12:00Heard 2 undetermined explosionM/K4 June, 16:16Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)3-5km NWHeard 2 undetermined explosionsN/K4 June, 10:16Controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K4 June, 11:28Recorded 1 tracer from E to W Recorded 1 tracer from E to WN/K3 June, 21:27Recorded 1 tracers from E to W Recorded 1 tracers from E to W3 June, 21:27Recorded 1 tracers from E to W Recorded 2 tracers from E to W <t< td=""><td></td><td></td><td></td><td></td><td>-</td></t<>					-
Heard 1 undetermined explosionN/K4 June, 10:43Heard 19 burstsHMG4 June, 10:44Heard 19 burstsHMG4 June, 10:44Heard 20 shotsSmall arms4 June, 10:483-5km WNWHeard 20 shotsSmall arms4 June, 11:20-11:40and bursts					
Heard 19 burstsHMG4 June, 10:44Heard 2 undetermined explosionsN/K4 June, 10:46Heard 7 burstsHMG4 June, 10:483-5km WNWHeard 20 shotsSmall arms4 June, 11:20-11:403-5km WNWHeard 8 shots4 June, 11:30-11:403-5km WNWHeard 2 burstsM/K4 June, 11:30-11:403-5km WNWHeard 2 burstsSmall arms4 June, 12:03Heard 2 burstsHeard 3 shots4 June, 12:03Heard 3 shots4 June, 12:034 June, 12:03Heard 4 shotsSmall arms4 June, 12:03Heard 1 undetermined explosionN/K4 June, 12:03Heard 3 shots4 June, 12:034 June, 12:03Heard 1 indetermined explosionN/K4 June, 14:07Heard 1 shotsHeard 1 undetermined explosionN/K4 June, 12:20Heard 1 undetermined explosionN/KOleksandrivka1-2km NWHeard 1 undetermined explosion("DPR"-controlled, 0'PR"-controlled, 21km NWHeard 1 undetermined explosionsN/KJonetsk)1.5km EHeard 1 undetermined explosionN/KKrasnohorivka(government-controlled, 21km WRecorded 1 tracer from E to WN/KSMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:283 June, 21:28 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
Heard 2 undetermined explosionsN/K4 June, 10:46Heard 7 burstsHMG4 June, 10:483-5km WNWHeard 20 shotsSmall arms4 June, 11:053-5km WNWHeard 1 uncountable overlapping shots and burstsSmall arms4 June, 11:20-11:403-5km WNWHeard 1 undetermined explosionN/K4 June, 11:30-11:404-100, 11:200Heard 3 shotsSmall arms4 June, 11:30-11:404-2-3km WHeard 1 undetermined explosionN/K4 June, 12:08Heard 2 burstsHeard 1 shots4 June, 12:204-3km WHeard 1 lshots4 June, 12:202-3km WHeard 1 lshotsSmall arms4 June, 12:20Heard 3 shotsSmall arms04 June, 12:202-3km WHeard 7 shotsSmall arms04 June, 12:201-12km NWHeard 1 undetermined explosionN/K4 June, 11:41:4:4520km SW of Donetsk)3-4km NHeard 2 undetermined explosions4 June, 11:13Heard 1 undetermined explosion4 June, 11:134 June, 11:13Krasnohorivka (government- controlled, 21km W1.5km EHeard 1 undetermined explosionN/K4 June, 11:28Krasnohorivka (government- controlled, 21km WN/KRecorded 1 tracer from E to W3 June, 21:27Recorded 1 tracer from E to W3 June, 21:273 June, 21:27Recorded 1 tracers from E to W3 June, 21:273 June, 21:27Recorded 1 tracers from E to W3 June, 21:283 June, 21:28Recorded 1 tracers from E to W3 June, 21:28<					
Heard 7 burstsHMG4 June, 10:483-5km WNWHeard 20 shots Heard uncountable overlapping shots and burstsSmall arms4 June, 11:05 4 June, 11:20-11:403-5km WHeard 8 shots4 June, 11:30-11:403-5km WNWHeard 2 shots4 June, 11:30-11:403-5km WNWHeard 1 undetermined explosionN/K4 June, 12:03Heard 2 burstsHeard 3 shots4 June, 12:03Heard 3 shots4 June, 12:034 June, 12:03Heard 1 undetermined explosionN/K4 June, 14:07Heard 2 undetermined explosionN/K4 June, 14:14-14:45Small arms4 June, 14:14-14:45Jonetsk)Heard 1 undetermined explosionsOleksandrivka ("DPR"-controlled, 20km SW of Donetsk)Heard 2 undetermined explosionsNK MHeard 1 undetermined explosionN/KHeard 1 undetermined explosion4 June, 11:13Glowermment- controlled, 21km W of Donetsk)N/K NRecorded 1 tracer from E to WN/KShyrokyne (20km E of Mariupol)N/K NRecorded 10 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:28June, 21:283 June, 21:27June, 21:293 June, 21:29					-
3-5km WNWHeard 20 shots Heard uncountable overlapping shots and burstsSmall arms4 June, 11:05 4 June, 11:20-11:403-5km WHeard 8 shots4 June, 11:30-11:403-5km WNWHeard 1 undetermined explosionN/K4 June, 11:33Heard 5 shotsHeard 3 shots4 June, 12:03Heard 2 bursts4 June, 12:004 June, 12:00Heard 3 shots4 June, 12:004 June, 12:002-3km WHeard 1 shotsSmall arms4 June, 12:002-3km WHeard 7 shotsSmall arms4 June, 12:00Heard 4 shotsSmall arms4 June, 12:50Heard 7 shotsSmall arms4 June, 12:52-51546Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosions Heard 2 undetermined explosionsN/K4 June, 11:13Krasnohorivka (government- controlled, 21km W1.5km EHeard 1 undetermined explosionN/K4 June, 11:13SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 1 tracers from E to WN/K3 June, 21:25Recorded 10 tracers from E to W Recorded 10 tracers from E to W3 June, 21:273 June, 21:283 June, 21:283 June, 21:28			1		
Heard uncountable overlapping shots and bursts4 June, 11:20-11:403-5km WNHeard 1 undetermined explosionN/K4 June, 11:30-11:403-5km WNWHeard 5 shotsSmall arms4 June, 11:30Heard 2 burstsHeard 3 shots4 June, 12:03Heard 3 shotsHeard 1 undetermined explosionN/K4 June, 12:03Heard 3 shotsHeard 1 undetermined explosionN/K4 June, 12:002-3km WHeard 1 undetermined explosionN/K4 June, 12:002-3km WHeard 1 undetermined explosionN/K4 June, 12:001 undetermined explosionN/K4 June, 12:50Heard 1 undetermined explosionM/K4 June, 12:50Heard 1 undetermined explosionM/K4 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1.5km EHeard 1 undetermined explosions Heard 1 undetermined explosionN/K4 June, 11:13Krasnohorivka (government- controlled, 21 km W1.5km EHeard 1 undetermined explosionN/K04 June, 11:26Krasnohorivka (government- controlled, 21 km WN/K NRecorded 1 tracer from E to WN/K3 June, 21:27SMrokyne (20km E of Mariupol)N/K NRecorded 1 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:283 June, 21:35Recorded 10 tracers from E to W3 June, 21:353 June, 21:35<		2 51 WAWA			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		3-5km WNW		Small arms	
3-5km WHeard 8 shots4 June, 11:30-11:403-5km WNWHeard 1 undetermined explosionN/K4 June, 11:53Heard 2 burstsSmall arms4 June, 12:03Heard 3 shotsHeard 1 lubots4 June, 12:082-3km WHeard 1 lubotsSmall arms4 June, 12:08Heard 1 undetermined explosionN/K4 June, 14:07Heard 4 shotsSmall arms04 June, 14:07Heard 1 undetermined explosionN/K4 June, 14:07Heard 4 shotsSmall arms04 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionsN/K4 June, 11:13Oleksandrivka (goverment- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K4 June, 11:16SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25Recorded 1 tracers from E to W Recorded 1 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 1 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:273 June, 21:35Recorded 2 tracers from E to W3 June, 21:353 June, 21:35Heard 2 tracers from W					4 June,11:20-11:40
3-5km WNWHeard 1 undetermined explosionN/K4 June, 11:53Heard 5 shotsSmall arms4 June, 12:03Heard 2 bursts4 June, 12:08Heard 3 shots4 June, 12:002-3km WHeard 11 shots4 June, 12:00Heard 1 undetermined explosionN/K4 June, 12:00Heard 1 undetermined explosionN/K4 June, 14:07Heard 1 undetermined explosionSmall arms04 June, 15:25-15:46Oleksandrivka1-2km NWHeard 1 undetermined explosionsN/K("DPR"-controlled, 20km SW of3-4km NHeard 2 undetermined explosionsN/KMaran 2Heard 1 undetermined explosions4 June, 10:16Aune, 11:13Heard 2 undetermined explosions4 June, 11:13Bonetsk)Heard 1 undetermined explosion4 June, 11:16SMM camera at SMyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25Recorded 1 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:273 June, 21:273 June, 21:28Recorded 2 tracers from E to W3 June, 21:283 June, 21:283 June, 21:28Burne, 21:28Recorded 2 tracers from E to W3 June, 21:283 June, 21:27Recorded 2 tracers from E to W3 June, 21:283 June, 21:283 June, 21:28Burne, 21:29Recorded 2 tracers from E to W3 June, 21:28<		2.51 W			4 Interna 11,20, 11,40
Heard 5 shotsSmall arms4 June, 12:03Heard 2 bursts4 June, 12:08Heard 3 shots4 June, 12:002-3km WHeard 11 shots2-3km WHeard 11 undetermined explosionHeard 1 undetermined explosionN/K4 June, 12:50Heard 3 shotsSmall arms1-2km NWHeard 7 shots1-2km NWHeard 2 undetermined explosion1-2km NWHeard 2 undetermined explosion1-2km NWHeard 2 undetermined explosion3-4km NHeard 2 undetermined explosions1-2km NWHeard 1 undetermined explosions20km SW of Donetsk)1.5km ENeard 1 undetermined explosionN/K4 June, 11:13Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EN/K NRecorded 1 tracer from E to WSMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 2 tracers from E to W3 June, 21:25Recorded 8 tracers from E to W3 June, 21:273 June, 21:273 June, 21:273 June, 21:273 June, 21:273 June, 21:283 June, 21:283 June, 21:283 June, 21:39					
Heard 2 bursts4 June, 12:08Heard 3 shots4 June, 12:202-3km WHeard 1 lishots4 June, 12:30Heard 1 undetermined explosionN/K4 June, 12:50Heard 44 shotsSmall arms4 June, 14:07Heard 44 shotsSmall arms04 June, 15:25-15:46Oleksandrivka1-2km NWHeard 1 undetermined explosionN/K("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 2 undetermined explosionN/KHeard 1 undetermined explosionsHeard 2 undetermined explosions4 June, 11:13Wo fo Donetsk)Heard 1 undetermined explosion4 June, 11:16Krasnohorivka (government- controlled, 21km W1.5km EHeard 1 undetermined explosionN/KSMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:283 June, 21:39		3-5km WNW			
Heard 3 shots4 June, 12:202-3km WHeard 11 shots4 June, 12:50Heard 1 undetermined explosionN/K4 June, 14:07Heard 4 shotsSmall arms4 June, 14:14-14:453-5km WNWHeard 7 shotsSmall arms04 June, 16:160leksandrivka1-2km NWHeard 1 undetermined explosionN/K4 June, 10:16("DPR"-controlled, 20km SW of Donetsk)3-4km NHeard 2 undetermined explosionsN/K4 June, 11:1320km SW of Donetsk)1.5km EHeard 1 undetermined explosions4 June, 11:164 June, 11:16Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 1 tracers from E to WN/K3 June, 21:25Recorded at least 35 tracers from E to W W3 June, 21:273 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W W3 June, 21:283 June, 21:273 June, 21:27Recorded 2 tracers from E to W W3 June, 21:233 June, 21:233 June, 21:35				Small arms	
2-3km WHeard 11 shots4 June, 12:50Heard 1 undetermined explosionN/K4 June, 14:07Heard 44 shotsSmall arms4 June, 14:14-14:453-5km WNWHeard 7 shotsSmall arms04 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionN/K4 June, 10:163-4km NHeard 2 undetermined explosions Heard 1 undetermined explosionsN/K4 June, 11:1320km SW of Donetsk)1.5km EHeard 1 undetermined explosion4 June, 11:16Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25Recorded 10 tracers from E to W WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W W3 June, 21:273 June, 21:273 June, 21:27Recorded 2 tracers from E to W W3 June, 21:273 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W W3 June, 21:2353 June, 21:2353 June, 21:28Recorded 2 tracers from W to E3 June, 21:393 June, 21:39				-	
Heard 1 undetermined explosionN/K4 June, 14:07Heard 44 shotsSmall arms4 June, 14:14-14:453-5km WNWHeard 7 shotsSmall arms04 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionN/K4 June, 10:163-4km NHeard 2 undetermined explosions Heard 2 undetermined explosionsN/K4 June, 10:1620km SW of Donetsk)Heard 2 undetermined explosions4 June, 11:13Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25Recorded 10 tracers from E to W Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 8 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 8 tracers from E to W3 June, 21:233 June, 21:23Recorded 2 tracers from W to E3 June, 21:353 June, 21:39				-	
Heard 44 shotsSmall arms4 June, 14:14-14:453-5km WNWHeard 7 shotsSmall arms04 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionsN/K4 June, 10:163-4km NHeard 2 undetermined explosions Heard 1 undetermined explosionsN/K4 June, 10:1620km SW of Donetsk)Heard 1 undetermined explosions4 June, 11:13Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 1 tracers from E to WN/K3 June, 21:25Recorded 10 tracers from E to W Recorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W Recorded 2 tracers from E to W3 June, 21:283 June, 21:353 June, 21:393 June, 21:393 June, 21:39		2-3km W			/
3-5km WNWHeard 7 shotsSmall arms04 June, 15:25-15:46Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionsN/K4 June, 10:163-4km NHeard 2 undetermined explosions Heard 1 undetermined explosionsN/K4 June, 11:13Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:16SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to WN/K3 June, 21:25Recorded 8 tracers from E to W Recorded at least 35 tracers from E to W WRecorded 2 tracers from E to W3 June, 21:273 June, 21:273 June, 21:273 June, 21:273 June, 21:283 June, 21:273 June, 21:283 June, 21:283 June, 21:283 June, 21:353 June, 21:393 June, 21:39					
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)1-2km NWHeard 1 undetermined explosionsN/K4 June, 10:163-4km NHeard 2 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion4 June, 11:134 June, 11:16Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to WN/K3 June, 21:25Recorded 10 tracers from E to WRecorded 3 tracers from E to W3 June, 21:273 June, 21:283 June, 21:283 June, 21:353 June, 21:393 June, 21:393 June, 21:39					
("DPR"-controlled, 20km SW of Donetsk)3-4km NHeard 2 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion4 June, 11:13Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to WN/K3 June, 21:25Recorded 3 tracers from E to W Recorded 10 tracers from E to WRecorded 3 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W Recorded 10 tracers from E to W3 June, 21:27Recorded 2 tracers from E to W3 June, 21:273 June, 21:283 June, 21:283 June, 21:293 June, 21:353 June, 21:393 June, 21:39					
20km SW of Donetsk)Heard 2 undetermined explosions4 June, 11:16Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to WN/K3 June, 21:25Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:273 June, 21:273 June, 21:27Recorded 2 tracers from E to WRecorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:273 June, 21:273 June, 21:27Recorded 2 tracers from E to W3 June, 21:283 June, 21:283 June, 21:35Recorded 2 tracers from W to E3 June, 21:393 June, 21:393 June, 21:39				N/K	
Donetsk)Heard 1 undetermined explosion4 June, 11:28Krasnohorivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to WN/K3 June, 21:25Recorded 2 tracers from E to W Recorded 10 tracers from E to WN/K3 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W Recorded 2 tracers from E to W3 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:283 June, 21:28Recorded at least 35 tracers from E to W Recorded 2 tracers from W to E3 June, 21:393 June, 21:39		3-4km N		4	
Krasoborivka (government- controlled, 21km W of Donetsk)1.5km EHeard 1 undetermined explosionN/K04 June, 10:15SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracer from E to W Recorded 2 tracers from E to W Recorded 3 tracers from E to WN/K3 June, 21:25Recorded 3 tracers from E to W Recorded 10 tracers from E to WRecorded 3 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W Recorded at least 35 tracers from E to W3 June, 21:27Recorded 2 tracers from E to W3 June, 21:28Recorded 2 tracers from W to E3 June, 21:35Recorded 2 tracers from W to E3 June, 21:39			· · · · ·		
(government- controlled, 21km W of Donetsk)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracers from E to W3 June, 21:27Recorded 2 tracers from E to WRecorded 3 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:28Recorded at least 35 tracers from W to E3 June, 21:35WRecorded 2 tracers from W to E3 June, 21:39	,		1		
controlled, 21km W of Donetsk)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 1 tracers from E to W3 June, 21:27Recorded 3 tracers from E to WRecorded 10 tracers from E to W3 June, 21:27Recorded 10 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:28Recorded at least 35 tracers from W to E3 June, 21:35WRecorded 2 tracers from W to E3 June, 21:39	Krasnohorivka	1.5km E	Heard 1 undetermined explosion	N/K	04 June,10:15
of Donetsk)N/K NRecorded 1 tracer from E to WN/K3 June, 21:25SMM camera at Shyrokyne (20km E of Mariupol)N/K NRecorded 2 tracers from E to W3 June, 21:27Recorded 3 tracers from E to WRecorded 10 tracers from E to W3 June, 21:27Recorded 10 tracers from E to WRecorded 10 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:273 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:283 June, 21:28Recorded at least 35 tracers from W to E3 June, 21:353 June, 21:39			-		
SMM camera at Shyrokyne (20km E of Mariupol) N/K N Recorded 1 tracer from E to W N/K 3 June, 21:25 Recorded 2 tracers from E to W Recorded 3 tracers from E to W 3 June, 21:27 3 June, 21:27 Recorded 10 tracers from E to W Recorded 10 tracers from E to W 3 June, 21:27 3 June, 21:27 Recorded 10 tracers from E to W Recorded at least 35 tracers from E to W 3 June, 21:27 3 June, 21:27 Recorded at least 35 tracers from E to W Recorded at least 35 tracers from E to W 3 June, 21:28 3 June, 21:35 Recorded 2 tracers from W to E 3 June, 21:39 3 June, 21:39	-				
Shyrokyne (20km E of Mariupol)Recorded 2 tracers from E to W Recorded 3 tracers from E to W3 June, 21:27 3 June, 21:27Recorded 10 tracers from E to W3 June, 21:27Recorded 8 tracers from E to W3 June, 21:27Recorded at least 35 tracers from E to W3 June, 21:28Recorded at least 35 tracers from E to W3 June, 21:35Recorded 2 tracers from W to E3 June, 21:39					
of Mariupol) Recorded 2 indeers from E to W 3 June, 21:27 Recorded 10 tracers from E to W 3 June, 21:27 Recorded at least 35 tracers from E to W 3 June, 21:28 Recorded at least 35 tracers from E to W 3 June, 21:35 W 3 June, 21:39		N/K N		N/K	
Recorded 3 tracers from E to W 3 June, 21:27 Recorded 10 tracers from E to W 3 June, 21:27 Recorded at least 35 tracers from E to W 3 June, 21:28 Recorded at least 35 tracers from E to W 3 June, 21:35 W 3 June, 21:35 Recorded 2 tracers from W to E 3 June, 21:39			Recorded 2 tracers from E to W		3 June, 21:27
Recorded 10 tracers from E to W3 June, 21:27Recorded 8 tracers from E to W3 June, 21:28Recorded at least 35 tracers from E to W3 June, 21:35Recorded 2 tracers from W to E3 June, 21:39	of Mariupol)		Recorded 3 tracers from E to W		3 June, 21:27
Recorded at least 35 tracers from E to W3 June, 21:35Recorded 2 tracers from W to E3 June, 21:39			Recorded 10 tracers from E to W	1	
W 3 June, 21:39			Recorded 8 tracers from E to W	-	3 June, 21:28
W 3 June, 21:39			Recorded at least 35 tracers from E to	-	3 June, 21:35
			W	4	
Recorded at least 20 tracers from E to 3 June, 21:40			Recorded 2 tracers from W to E		3 June, 21:39
			Recorded at least 20 tracers from E to		3 June, 21:40

	W	
	Recorded 26 tracers from W to E	
	Recorded 25 tracers from E to W	3 June, 21:43
	Recorded 17 tracers from W to E	3 June, 21:43
	Recorded 1 undetermined explosion	3 June, 21:45
	Recorded 1 undetermined explosion	
	Recorded 1 tracer from E to W	3 June, 21:53
	Recorded 10 tracers from E to W	3 June, 21:55
	Recorded 1 undetermined explosion	3 June, 21:55
	Recorded 5 tracers from W to E	3 June, 21:58
	Recorded 1 rocket assisted projectile	
	from W to E	3 June, 23:18
	Recorded 2 tracers from E to W	4 June,00:22
	Recorded 2 tracers from E to W	4 June, 00:23
	Recorded 1 rocket assisted projectile	4 June, 00:24
	from W to E	4 Julie, 00.24
	Recorded 2 rocket assisted projectiles	4 June,00:26-00:27
	from W to E	
	Recorded 2 tracers from W to E	4 June, 00:31
	Recorded 17 tracers in vertical flight	4 June, 00:32
	Recorded 19 tracers from E to W	4 June, 00:33
	Recorded 1 rocket assisted projectile	4 June, 00:45
	from W to E	
	Recorded 1 rocket assisted projectile	4 June, 00:47
	from W to E	4 I
	Recorded 2 rocket assisted projectiles	4 June, 00:48
	from W to E Recorded 3 tracers from E to W	4 June 00:57
		4 June, 00:57
	Recorded 18 tracers from E to W	4 I
	Recorded 2 rocket assisted projectiles	4 June, 00:58
	from E to W Recorded 3 rocket assisted projectiles	4 June, 01:00
	from E to W	4 June, 01.00
	Recorded 15 tracers from E to W	4 June, 01:01
	Recorded 15 tracers from E to W	4 June, 01.01
	Recorded 2 tracers from W to E	4 June, 01:01
		r sune, or or
	Recorded 1 rocket assisted projectile	4 June, 01:03
	from E to W	. <i>vane</i> , <i>v</i> 1.02
	Recorded 1 rocket assisted projectile	4 June, 01:04
	from W to E	,
	Recorded 3 rocket assisted projectiles	4.1. 01.05
	from E to W	4 June, 01:05
	Recorded 1 rocket assisted projectile	4 June, 01:07
	from E to W	
	Recorded 2 rocket assisted projectiles	4 June, 01:08
	from W to E	- June, 01.00
	Recorded 1 rocket assisted projectiles	4 June, 01:10
	from W to E	- Julie, 01.10
	Recorded 1 undetermined explosion	
	Recorded 2 rocket assisted projectiles	4 June, 01:14
	from W to E	
	Recorded 1 undetermined explosion	
	Recorded 2 rocket assisted projectiles	4 June, 01:16-01:18
	from W to E	
	Recorded 2 rocket assisted projectiles	4 June, 01:19
	from W to E	-
	Recorded 1 tracer from SW to NE	4 June, 01:19
	Recorded 3 tracers from W to E	4 June, 01:19
	Recorded 7 tracers from W to E	4 June, 01:21
	Recorded 2 undetermined explosions	4.1
	Recorded 3 tracers from W to E	4 June, 01:31
	Recorded 2 tracers from SE to NW	 4 June, 01:32
•		-

		Recorded 8 tracers from E to W		4 June, 01:45
		Recorded 2 tracers from SE to NW	-	4 June, 01:54
		Recorded 1 tracer from W to E		4 June, 02:02
		Recorded 6 tracers from E to W		4 June, 02:17
		Recorded 3 tracers from W to E		4 June, 02:51
		Recorded 22 tracers from E to W		4 June, 02:56
		Recorded 1 undetermined explosion		4 June, 02:59
		Recorded 25 tracers from E to W		4 June, 03:01
		Recorded 2 explosions (impacts)	-	4 June, 03:33
		Recorded 2 explosions (impacts)		4 June, 03:36
2km SSE of	N/K WNW	Heard 6 shots	Small arms	4 June, 11:25
Sakhanka ("DPR" controlled, 24 km NE of Mariupol)	N/K W	Heard 2 undetermined explosions	N/K	4 June,12:03-12:09
3km NE of	N/K W	Heard 1 undetermined explosion	Small arms	4 June,13:37
Zaichenko ("DPR" controlled, 26 km NE of Mariupol)		Heard 15 shots		4 June,13:40
Horlivka	4-5km SW	Heard 5 bursts	HMG	3 June, 21:40
("DPR"-controlled,	3-4km SW	Heard 12 shots	Small arms	3 June, 21:47
39km NE of		Heard 8 bursts	HMG	3 June, 22:15
Donetsk)		Heard 7 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	3 June, 22:17-22:20
	5-6km SW	Heard 10 undetermined explosions	N/K	,
		Heard 12 shots		
		Heard 6 shots	AGL	3 June, 22:40 -22:50
		Heard 5 shots		
		Heard 5 shots		
Svitlodarsk	8-10km SE	Heard 20 undetermined explosions	N/K	3 June, 22:30-23:00
(government- controlled, 57km NE	3-4km SE	Heard 15 bursts	HMG	5 5 une, 22.50 25.00
of Donetsk)	5-4KIII SE	Heard 2 outgoing explosions	IFV (BMP-1) cannon	3 June, 23:00-23:30
3km N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	5km WSW	Heard 18 single shots (assessed as outside the disengagement area)	HMG	4 June, 10:20
Zolote-4 (government- controlled, 60km	4-5km SW	Heard 23 undetermined explosions (assessed as outside the disengagement area)	N/K	4 June, 14:51
NW of Luhansk)		Heard 7 bursts (assessed as outside the disengagement area)	Small arms	4 June, 15:01
	0.5-0.7km W	Heard 2 explosions (outgoing) (assessed as outside the disengagement area but flying over it)	Mortar (120mm)	4 June, 15:04
	4-5km SW	Heard 2 explosions (subsequent impacts) (assessed as outside the disengagement area)		
	4-5km SW	Heard 2 undetermined explosions (assessed as outside the disengagement area)	N/K	4 June, 15:09



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 since 27 September 2016 based on recommendations of security experts from participating States.)