Table of ceasefire violations as of 19 October 2018¹

	Event						
SMM position	location	Means	No.	Observation	Description	Weapon	Date, Time
	3-5km SSE	Recorded	1	Projectile		N/K	18-Oct, 19:25
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 21:34
	2-4km ESE	Recorded	2	Muzzle flash		N/K	18-Oct, 21:35
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 21:49
	2-4km ESE	Recorded	1	Muzzle flash		N/K	18-Oct, 21:50
					In vertical		
	2-4km ESE	Recorded	1	Projectile	flight	N/K	18-Oct, 21:51
	2-4km ESE	Recorded	1	Muzzle flash		N/K	18-Oct, 21:52
SMM camera in	2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	18-Oct, 21:54
Avdiivka	2-4km ESE	Recorded	4	Muzzle flash		N/K	18-Oct, 21:56
(government-	2-4km ESE	Recorded	2	Muzzle flash		N/K	18-Oct, 21:57
controlled, 17km N of Donetsk)	2-4km ESE	Recorded	3	Projectile	NE to SW	N/K	18-Oct, 21:58
N of Dolletsk)	2-4km SE	Recorded	1	Muzzle flash		N/K	18-Oct, 22:04
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 22:05
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	18-Oct, 22:06
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 22:14
	2-4km SE	Recorded	1	Muzzle flash		N/K	18-Oct, 22:16
	2-4km SE	Recorded	1	Projectile	E to W	N/K	18-Oct, 22:17
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	19-Oct, 02:04
	2.51 GE	5		TO 1 11	In vertical	27/77	10.0 . 00.50
	3-5km SE	Recorded	3	Projectile	flight	N/K	19-Oct, 03:50
	3-5km SE	Recorded	14	Projectile	SW to NE	N/K	18-Oct, 18:08
	3-5km SE	Recorded	23	Projectile	SW to NE	N/K	18-Oct, 18:43
	3-5km SE	Recorded	8	Projectile	SW to NE	N/K	18-Oct, 18:44
	3-5km SE	Recorded	8	Projectile	SW to NE	N/K	18-Oct, 18:45
	3-5km SE	Recorded	2	Projectile	SW to NE	N/K	18-Oct, 18:58
	3-5km SE	Recorded	31	Projectile	SW to NE	N/K	18-Oct, 19:04
	3-5km SE	Recorded	19	Projectile	SW to NE	N/K	18-Oct, 19:12
	3-5km SE	Recorded	1	Burst	SW to NE	N/K	18-Oct, 19:12
	3-5km SE	Recorded	10	Projectile	SW to NE	N/K	18-Oct, 19:14
	3-5km SE	Recorded	3	Projectile	SW to NE	N/K	18-Oct, 19:15
	3-5km SE	Recorded	3	Projectile	SW to NE	N/K	18-Oct, 19:36
SMM camera in	3-5km SE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 19:37
Chermalyk	3-5km SE	Recorded	1	Projectile	NE to SW	N/K	18-Oct, 19:37
(government-	3-5km SE	Recorded	10	Projectile	SW to NE	N/K	18-Oct, 19:38
controlled, 31km NE of Mariupol)	3-5km SE	Recorded	2	Projectile	NE to SW	N/K	18-Oct, 19:38
(NE of Mariupor)	3-5km SE	Recorded	8	Projectile	SW to NE	N/K	18-Oct, 19:39
	3-5km SE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 19:40
	3-5km SE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 19:41
	3-5km SE	Recorded	15	Projectile	SW to NE	N/K	18-Oct, 19:42
	3-5km SE	Recorded	16	Projectile	SW to NE	N/K	18-Oct, 19:43
	2-4km S	Recorded	25	Projectile	WNW to ESE	N/K	18-Oct, 19:56
	2-4km S	Recorded	18	Projectile	WNW to ESE	N/K	18-Oct, 19:57
	2-4km S	Recorded	35	Projectile	WNW to ESE	N/K	18-Oct, 20:18
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 20:22
	2-4km S	Recorded	4	Projectile	NW to SE	N/K	18-Oct, 20:23
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 20:24
	2-4km S	Recorded	5	Projectile	NW to SE	N/K	18-Oct, 20:26

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.

1	2-4km S	Recorded	2	Projectile	WNW to ESE	N/K	18-Oct, 21:38
	2-4km SE	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 21:56
	2-4km SE	Recorded	2	Projectile	NW to SE	N/K	18-Oct, 21:57
	2-4km SE	Recorded	15	Projectile	NW to SE	N/K	18-Oct, 21:58
	2-4km SE	Recorded	2	Projectile	NW to SE	N/K	18-Oct, 21:59
	2-4km SE	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 22:01
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 22:30
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 22:38
	2-4km SE	Recorded	10	Projectile	NW to SE	N/K	18-Oct, 22:59
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	19-Oct, 01:08
	2-4km S	Recorded	7	Projectile	WNW to ESE	N/K	19-Oct, 01:48
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	19-Oct, 01:56
	2-4km S	Recorded	9	Projectile	WSW to ENE	N/K	19-Oct, 02:07
	2-4km S	Recorded	10	Projectile	WSW to ENE	N/K	19-Oct, 02:08
	1-2km SSW	Recorded	1	Explosion	Impact	N/K	18-Oct, 21:13
	1-2km SSE	Recorded	2	Burst	E to W	N/K	18-Oct, 21:14
	1-2km SSE	Recorded	4	Projectile	E to W	N/K	18-Oct, 21:14
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 21:14
	1-2km SSW	Recorded	1	Explosion	Impact	N/K	18-Oct, 21:15
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 21:23
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	18-Oct, 21:27
	1-2km SSW	Recorded	2	Explosion	Impact	N/K	18-Oct, 21:32
	1-2km SSW	Recorded	3	Explosion	Impact	N/K	18-Oct, 21:33
	1-2km SSW	Recorded	4	Explosion	Impact	N/K	18-Oct, 21:34
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	18-Oct, 21:35
	1-2km SSW	Recorded	3	Explosion	Impact	N/K	18-Oct, 21:36
	1-2km SSE	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 21:37
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	18-Oct, 21:44
	1-2km SSW	Recorded	15	Muzzle flash		N/K	18-Oct, 21:48
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 21:48
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 21:49
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	18-Oct, 21:50
	1-2km SSW	Recorded	2	Explosion	Impact	N/K	18-Oct, 21:50
				Illumination	•		,
SMM camera at	1-2km SSW	Recorded	1	flare	W to E	N/K	18-Oct, 21:51
Donetsk	1-2km S	Recorded	3	Projectile	E to W	N/K	18-Oct, 21:54
Filtration Station	1-2km S	Recorded	7	Projectile	W to E	N/K	18-Oct, 21:54
(15km N of	1-2km SSW	Recorded	3	Projectile	W to E	N/K	18-Oct, 21:56
Donetsk)	1-2km SSW	Recorded	1	Projectile	E to W	N/K	18-Oct, 21:56
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 21:56
	1-2km S	Recorded	3	Projectile	SE to NW	N/K	18-Oct, 21:59
	1-2km S	Recorded	4	Explosion	Impact	N/K	18-Oct, 21:59
	1-2km SSW	Recorded	4	Projectile	W to E	N/K	18-Oct, 22:02
	1-2km SSW	Recorded	11	Projectile	W to E	N/K	18-Oct, 22:04
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 22:04
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	18-Oct, 22:06
	1-2km SSW	Recorded	3	Explosion	Impact	N/K	18-Oct, 22:06
	1-2km S	Recorded	1	Projectile	E to W	N/K	18-Oct, 22:07
	1-2km S	Recorded	3	Explosion	Impact	N/K	18-Oct, 22:07
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	18-Oct, 22:12
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 22:12
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 22:14
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	18-Oct, 22:17
	1-2km S	Recorded	2	Explosion	Impact	N/K	18-Oct, 22:17
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 22:17
	1-2km S	Recorded	1	Projectile	E to W	N/K	18-Oct, 22:18
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	18-Oct, 22:20
	1-2km SSW	Recorded	1	Explosion	Impact	N/K	18-Oct, 22:20
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 22:21

I	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 22:21
	1-2km SSW	Recorded	8	Projectile	W to E	N/K	18-Oct, 22:46
	1-2km SSW	Recorded	3	Explosion	Undetermined	N/K	18-Oct, 22:46
	1-2km SSW	Recorded	3	Muzzle flash	Chacterininea	N/K	18-Oct, 22:46
	1-2km SSW	Recorded	10	Projectile	W to E	N/K	18-Oct, 22:47
	1-2km SSW	Recorded	4	Explosion	Undetermined	N/K	18-Oct, 22:47
	1-2km SSW	Recorded	3	Explosion	Undetermined	N/K	18-Oct, 22:48
	1-2km SSW	Recorded	4	Projectile	W to E	N/K	18-Oct, 22:49
	1-2km SSW	Recorded	4	Explosion	Undetermined	N/K	18-Oct, 22:49
	1-2km S	Recorded	2	Projectile	E to W	N/K	18-Oct, 22:51
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	18-Oct, 22:52
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 22:52
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	18-Oct, 22:55
				Illumination	In vertical		
	1-2km SSW	Recorded	1	flare	flight	N/K	18-Oct, 22:55
	1-2km SSW	Recorded	4	Explosion	Undetermined	N/K	18-Oct, 22:55
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	18-Oct, 22:56
	1-2km SSW	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 22:56
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	18-Oct, 23:01
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	18-Oct, 23:01
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	19-Oct, 02:21
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	19-Oct, 03:20
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	19-Oct, 03:32
	2-4km SSW	Recorded	4	Projectile	W to E	N/K	19-Oct, 03:35
	2-4km SSW	Recorded	15	Projectile	W to E	N/K	19-Oct, 03:50
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	19-Oct, 03:58
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	19-Oct, 04:08
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	19-Oct, 04:09
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	19-Oct, 05:30
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 18:32
	3-4km ESE	Recorded	56	Projectile	S to N	N/K	18-Oct, 18:42
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 18:42
	3-4km ESE	Recorded	4	Projectile	S to N	N/K	18-Oct, 18:55
	3-4km ESE	Recorded	3	Explosion	Impact	N/K	18-Oct, 18:55
	3-4km ESE	Recorded	2	Projectile	N to S	N/K	18-Oct, 19:01
	3-4km ENE	Recorded	12	Projectile	N to S	N/K	18-Oct, 19:14
	3-4km ENE	Recorded	1	Explosion	Impact	N/K	18-Oct, 19:14
	3-4km ENE	Recorded	6	Projectile	N to S	N/K	18-Oct, 19:15
	3-4km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:15
	3-4km ENE	Recorded	7 2	Projectile	N to S	N/K	18-Oct, 19:16
a. a. c	3-4km ENE	Recorded	23	Explosion Projectile	Undetermined SW to NE	N/K N/K	18-Oct, 19:16
SMM camera	3-4km ESE	Recorded Recorded		Projectile		N/K N/K	18-Oct, 19:18
1.5km NE of Hnutove	3-4km ENE 3-4km ESE	Recorded	25 7	Projectile	SW to NE SW to NE	N/K N/K	18-Oct, 19:18 18-Oct, 19:19
(government-	3-4km ESE	Recorded	4	Projectile	SW to NE	N/K	18-Oct, 19:20
controlled, 20km	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:20
NE of Mariupol)	3-4km ENE	Recorded	18	Projectile	N to S	N/K N/K	18-Oct, 19:25
	3-4km ENE	Recorded	2	Projectile	S to N	N/K	18-Oct, 19:26
	3-4km ENE	Recorded	11	Projectile	N to S	N/K	18-Oct, 19:26
	3-4km ENE	Recorded	13	Projectile	N to S	N/K	18-Oct, 19:28
	3-4km ESE	Recorded	12	Projectile	SW to NE	N/K	18-Oct, 19:30
	3-4km ESE	Recorded	12	Projectile	SW to NE	N/K	18-Oct, 19:31
	Jii EbE	110001404		Tojecaie	In vertical	11/11	10 000, 17.01
	3-4km ESE	Recorded	1	Projectile	flight	N/K	18-Oct, 19:31
	3-4km ESE	Recorded	2	Explosion	Impact	N/K	18-Oct, 19:31
	3-4km ESE	Recorded	4	Projectile	SW to NE	N/K	18-Oct, 19:33
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:33
	3-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	18-Oct, 19:33
	3-4km ESE	Recorded	1	Projectile	SW to NE	N/K	18-Oct, 19:36
							,

3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:39
2.41 FGF	ъ		Illumination	In vertical	21/17	10.0 . 10.10
3-4km ESE	Recorded	1	flare	flight	N/K	18-Oct, 19:40
3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:40
3-4km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:40
3-4km ESE	Recorded	11	Projectile	SW to NE	N/K	18-Oct, 19:40
3-4km ESE	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 19:41
3-4km ESE	Recorded	1	Projectile	SW to NE	N/K	18-Oct, 19:42
3-4km ENE	Recorded	1	Projectile	NW to SE	N/K	18-Oct, 19:42
3-4km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:42
3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 19:42
3-4km ESE	Recorded	5 2	Projectile	NW to SE	N/K N/K	18-Oct, 19:43
3-4km ENE	Recorded Recorded	2	Projectile	SW to NE		18-Oct, 19:43
3-4km ESE 3-4km ESE	Recorded	8	Projectile	SW to NE NW to SE	N/K N/K	18-Oct, 19:45 18-Oct, 19:51
		6	Projectile			· · · · · · · · · · · · · · · · · · ·
2-4km ESE	Recorded		Projectile	S to N	N/K	18-Oct, 19:54
2-4km ESE	Recorded	20 9	Projectile	S to N	N/K N/K	18-Oct, 19:55
2-4km ESE	Recorded	8	Projectile	N to S	N/K N/K	18-Oct, 19:55
2-4km ESE	Recorded		Projectile	S to N	N/K N/K	18-Oct, 19:56
2-4km ESE 2-4km ESE	Recorded Recorded	1	Explosion Projectile	Undetermined S to N	N/K N/K	18-Oct, 19:56 18-Oct, 19:57
2-4km ESE 2-4km ESE	Recorded	2	Projectile	SW to NE	N/K N/K	18-Oct, 19:37
2-4km E	Recorded	1	Explosion	Undetermined	N/K N/K	18-Oct, 20:01
2-4km ESE	Recorded	7	Projectile	SW to NE	N/K	18-Oct, 20:02
2-4km ESE 2-4km ESE	Recorded	7			N/K N/K	
2-4km E	Recorded	1	Projectile	SW to NE S to N	N/K N/K	18-Oct, 20:04 18-Oct, 20:04
2-4km ENE	Recorded	3	Projectile Projectile	S to N	N/K N/K	18-Oct, 20:05
2-4km E	Recorded	3	Projectile	N to S	N/K	18-Oct, 20:09
2-4km ESE	Recorded	11	Projectile	S to N	N/K N/K	18-Oct, 20:19
2-4km ESE	Recorded	19	Projectile	S to N	N/K	18-Oct, 20:20
2-4km E	Recorded	3	Projectile	S to N	N/K N/K	18-Oct, 20:27
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 20:27
2-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 20:29
2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 20:31
4-6km E	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 20:31
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 20:31
2-4km ENE	Recorded	5	Projectile	N to S	N/K	18-Oct, 20:55
2-4km E	Recorded	2	Projectile	S to N	N/K	18-Oct, 20:57
2 4KH E	recorded		Trojectiic	In vertical	11/11	10 001, 20.57
2-4km E	Recorded	2	Projectile	flight	N/K	18-Oct, 20:57
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 20:58
2-4km E	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 20:58
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 21:00
2-4km E	Recorded	1	Projectile	S to N	N/K	18-Oct, 21:00
2-4km E	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 21:00
2-4km ENE	Recorded	1	Projectile	S to N	N/K	18-Oct, 21:12
2-4km ESE	Recorded	3	Projectile	S to N	N/K	18-Oct, 21:18
2-4km E	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 21:24
4-6km E	Recorded	1	Explosion	Undetermined	N/K	18-Oct, 21:26
2-4km ENE	Recorded	1	Burst	S to N	N/K	18-Oct, 21:40
2-4km E	Recorded	1	Projectile	N to S	N/K	18-Oct, 21:44
2-4km E	Recorded	1	Projectile	S to N	N/K	18-Oct, 21:45
2-4km ESE	Recorded	2	Projectile	S to N	N/K	18-Oct, 21:55
2-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 21:56
2-4km ESE	Recorded	1	Projectile	S to N	N/K	18-Oct, 21:59
2-4km E	Recorded	2	Projectile	N to S	N/K	18-Oct, 22:00
		_		In vertical		10.5
2-4km E	Recorded	2	Projectile	flight	N/K	18-Oct, 22:00
2-4km E	Recorded	5	Projectile	N to S	N/K	18-Oct, 22:09

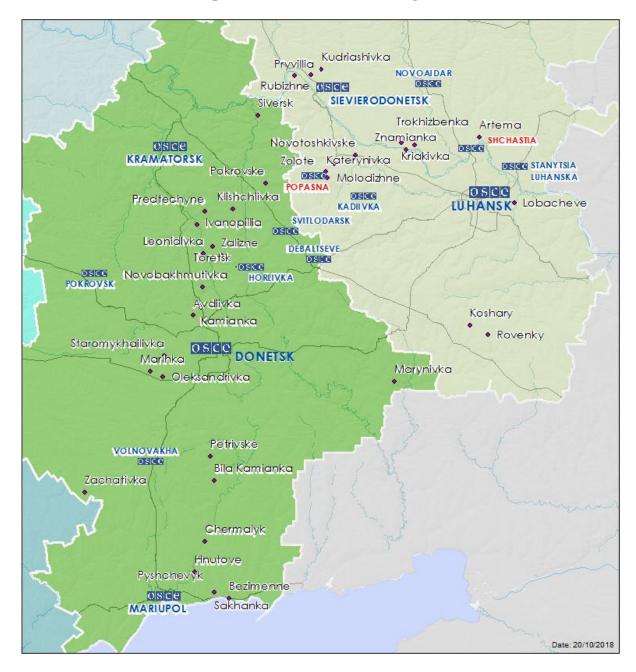
2-4km EM Recorded 1 Projectile Sto N N/K 18-Oct, 22-51	1	10.41 EGE	l n	l ₁	l 5 : .a	l g. v l	NI/IZ	10.0 . 22.51
Projectile								
Projectile		-			J			
Projectile								
Part					, , , , , , , , , , , , , , , , , , ,			
Part					3	N to S		
Part						N to C		
Part					, and the second			
2-4km ENE					J			
Alternative					<u> </u>			· · · · · · · · · · · · · · · · · · ·
2-4km ENE					, , , , , , , , , , , , , , , , , , ,			,
2-4km ENE					J			
2-4km ENE					<u> </u>			
2-4km ENE Recorded 2 Projectile N to S N/K 19-Oct, 05:23					3			· ·
24km ENE					<u> </u>			· · · · · · · · · · · · · · · · · · ·
2-4km ESE Recorded 1 Projectile N to S N/K 19-Oct, 05:29					<u> </u>			· · · · · · · · · · · · · · · · · · ·
2-4km ESE					,			,
2-4km ESE								· ·
2-4km ESE					•			
2-4km ESE					•	1		
2-4km ESE Recorded 1 Illumination In vertical flight N/K 18-Oct, 20:37								
2-4km ESE		2-4KM ESE	Recorded	1	, <u> </u>		N/K	18-Oct, 20:25
2-4km ESE		2-4km ESE	Recorded	1			N/K	18-Oct 20:37
2-4km SE						υ		
SMM camera in Krasnohorivka (government-controlled, 15km NW camera tank Krasnohorivka (government-controlled, 21km SE Recorded 1 Projectile NE to SW N/K 19-Oct, 00:01 Projectile NE to SW N/K 19-Oct, 00:00 Projectile NE to SW N/K 19-Oct, 00:00 N/K 19-Oct, 00:00 N/K 19-Oct, 00:01 N/K 19-Oct, 00:12 N/K 19-Oct, 00:14 N/K 19-Oct, 00:15 N/K 19-Oct, 00:16 N/K 19-Oct, 00:18 N/K 19-Oct, 00:19 N/K 19-Oct, 00:20 N/K 19-Oct, 00:30 N								· ·
2-4km ESE					, , , , , , , , , , , , , , , , , , ,			
2-4km ESE								·
SMM camera in Krasnohorivkat (government-controlled, 21km W of Donetsk)								
Stranohorivka (government-controlled, 21km W of Donetsk)	SMM camera in				, , , , , , , , , , , , , , , , , , ,			
Covernment-controlled, 21km Variable V	Krasnohorivka				<u> </u>			
2-4km ESE	·C				, , , , , , , , , , , , , , , , , , ,			,
2-4km ESE	,				<u> </u>			
2-4km ESE	W of Donetsk)				, and the second			
2-4km ESE					,			
2-4km ESE					<i>J</i>			· · · · · · · · · · · · · · · · · · ·
2-4km ESE					, and the second			,
2-4km ESE					, , , , , , , , , , , , , , , , , , ,			,
2-4km ESE								
2-4km ESE Recorded 2 Projectile Nt to S N/K 19-Oct, 00:20					•			
2-4km ESE Recorded 1 Projectile NW to SE N/K 19-Oct, 00:20 SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk) 2-4km SSW Recorded 1 Projectile W to E N/K 19-Oct, 00:48 SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol) 2-4km ENE Recorded 1 Explosion Undetermined N/K 19-Oct, 00:48 SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) 2-4km ENE Recorded 1 Explosion Undetermined N/K 19-Oct, 05:13 SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) 2-4km ENE Recorded 2 Explosion Undetermined N/K 18-Oct, 23:47 SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) 2-4km ENE Recorded 1 Projectile S to N N/K 18-Oct, 20:02 SMM camera at 2-4km ENE Recorded 1 Projectile S to N N/K 18-Oct, 20:02 SMM camera at 2-4km ENE Recorded 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk) SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at Controlled, 45km NE of Donetsk NE o								
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk) SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at SMM camera at Controlled, 45km NE of Donetsk) SMM camera at Controlled, 45km NE of Donetsk								
Kriakivka (government- controlled, 38km NW of Luhansk) SMM camera E of Lomakyne (government- controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk) SMM camera at SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Explosion Undetermined N/K 19-Oct, 00:48 1-9-Oct, 00:48 1-9-Oc	SMM camera in							
Covernment-controlled, 38km NW of Luhansk 1-3km SSW Recorded 1 Explosion Undetermined N/K 19-Oct, 03:13						W to E		
controlled, 38km NW of Luhansk) SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Projectile Sto N N/K 18-Oct, 20:02 Explosion Undetermined N/K 18-Oct, 20:03 SMM camera at 2-4km ENE Recorded 1 Projectile Sto N N/K 18-Oct, 20:02 Explosion Undetermined N/K 18-Oct, 23:47 SMM camera at 2-4km ENE Recorded 1 Projectile Sto N N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:03 SMM camera at 2-4km ENE Recorded 1 Projectile N to S N/K 18-Oct, 21:13 SMM camera at 2-4km ENE Recorded 2 Projectile N to S N/K 18-Oct, 18:42						Undetermined		
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit controlled, 45km NE of Donetsk) SMM camera at entry-exit entry-exit checkpoint in entry-exit entry-exit checkpoint in entry-exit exit exit exit exit exit exit exit					•			
of Lomakyne (government-controlled, 15km NE of Mariupol) SMM camera at entry-exit (government-controlled, 45km NE of Donetsk) SMM camera at entry-exit (government-controlled, 45km NE of Donetsk) SMM camera at entry-exit (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Projectile Sto NW N/K 18-Oct, 23:47 SMM camera at 2-4km ENE Recorded 1 Projectile Sto N N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:02 Illumination N to S N/K 18-Oct, 20:03 SMM camera at 2-4km ENE Recorded 1 Projectile N to S N/K 18-Oct, 21:13 SMM camera at 2-4km S Recorded 2 Projectile N to S N/K 18-Oct, 18:42								
(government-controlled, 15km NE of Mariupol) SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Projectile Sto N N/K 18-Oct, 20:02 Explosion Undetermined N/K 18-Oct, 23:47 SET ON N/K 18-Oct, 23:47 SET ON N/K 18-Oct, 23:47 SET ON N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:02								
controlled, 15km NE of Mariupol) 2-4km ENE Recorded 4 Projectile SE to NW N/K 18-Oct, 23:47 SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) 2-4km ENE Recorded 1 Projectile SE to NW N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:02 Illumination flare N to S N/K 18-Oct, 20:03 N/K 18-Oct, 20:03 N/K 18-Oct, 20:03 N/K 18-Oct, 20:03					•			
SMM camera at entry-exit entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Projectile S to N N/K 18-Oct, 20:02 Explosion Impact N/K 18-Oct, 20:02 Illumination flare N to S N/K 18-Oct, 20:03 Projectile N to S N/K 18-Oct, 21:13 SMM camera at 2-4km ENE Recorded 2 Projectile N to S N/K 18-Oct, 18:42		2-4KM ENE	Recorded	2	Explosion	Undetermined	N/K	18-Oct, 23:47
entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 2 Explosion Impact N/K 18-Oct, 20:02 Illumination flare N to S N/K 18-Oct, 20:03 N/K 18-Oct, 20:03 N/K 18-Oct, 20:03 N/K 18-Oct, 20:03	NE of Mariupol)	2-4km ENE	Recorded	4	Projectile	SE to NW	N/K	18-Oct, 23:47
checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk) 2-4km ENE Recorded 1 Projectile N to S N/K 18-Oct, 20:03 N/K 18-Oct, 21:13 N/K 18-Oct, 21:13						S to N		18-Oct, 20:02
Maiorsk (government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 flare N to S N/K 18-Oct, 20:03 Projectile N to S N/K 18-Oct, 21:13 N/K 18-Oct, 21:13		2-4km ENE	Recorded	2		Impact	N/K	18-Oct, 20:02
(government-controlled, 45km NE of Donetsk) SMM camera at 2-4km ENE Recorded 1 Projectile N to S N/K 18-Oct, 21:13 SMM camera at 2-4km S Recorded 2 Projectile N to S N/K 18-Oct, 18:42								
controlled, 45km NE of Donetsk) 2-4km ENE Recorded 1 Projectile N to S N/K 18-Oct, 21:13 SMM camera at 2-4km S Recorded 2 Projectile N to S N/K 18-Oct, 18:42		2-4km ENE	Recorded	1	flare	N to S	N/K	18-Oct, 20:03
NE of Donetsk)2-4km ENERecorded1ProjectileN to SN/K18-Oct, 21:13SMM camera at2-4km SRecorded2ProjectileN to SN/K18-Oct, 18:42								
SMM camera at 2-4km S Recorded 2 Projectile N to S N/K 18-Oct, 18:42		2-4km ENE	Recorded	1	Projectile	N to S	N/K	18-Oct, 21:13
entry-exit 2-4km S Recorded 7 Projectile E to W N/K 18-Oct, 18:42	SMM camera at	2-4km S	Recorded	2		N to S	N/K	
<u> </u>	entry-exit	2-4km S	Recorded	7	Projectile	E to W	N/K	18-Oct, 18:42

checkpoint in	2-4km S	Recorded	1	Evalorion	Undetermined	N/K	10 Oct 10.57
Pyshchevyk	2-4km S	Recorded	28	Explosion Projectile	NE to SW	N/K N/K	18-Oct, 18:57 18-Oct, 18:57
(government-	2-4km S	Recorded	1	3	Undetermined	N/K N/K	
controlled, 25km		Recorded		Explosion			18-Oct, 18:58
NE of Mariupol)	2-4km S 3-5km S		2	Explosion	Undetermined E to W	N/K	18-Oct, 19:03
	3-3KM S	Recorded	2	Projectile Illumination	In vertical	N/K	18-Oct, 19:25
	3-5km S	Recorded	1	flare	flight	N/K	18-Oct, 19:40
	2-4km S	Recorded	1	Explosion	Undetermined	N/K N/K	18-Oct, 19:40
			1	_			
SMM camera in	2-4km S	Recorded		Projectile	E to W	N/K	18-Oct, 22:27
Svitlodarsk	2-4km E	Recorded	1	Projectile	S to N	N/K	18-Oct, 20:28
(government-							
controlled, 57km							
NE of Donetsk)	2-4km E	Recorded	1	Projectile	S to N	N/K	18-Oct, 22:10
Debaltseve (non-	5-8km			J			18-Oct, 21:25-
government-	WNW	Heard	8	Explosion	Undetermined	N/K	21:33
controlled, 58km	5-8km						
NE of Donetsk)	WNW	Heard	2	Explosion	Undetermined	N/K	18-Oct, 21:39
					Uncountable		19-Oct, 09:27-
	1-2km SE	Heard		Shot	shots	Small arms	09:30
					Uncountable		19-Oct, 09:42-
	1-2km SE	Heard		Shot	shots	Small arms	09:47
	11 05	77 1	22	GI .		G 11	19-Oct, 10:04-
	1km SE	Heard	22	Shot		Small arms	10:05
	1 21 CE	111	50	Cl4		C11	19-Oct, 10:49-
SE part of	1-2km SE	Heard	52	Shot		Small arms	10:53
Avdiivka	1-2km SE	Heard	12	Shot		Small arms	19-Oct, 11:08
(government-	1km SE	Heard	14	Shot		Small arms	19-Oct, 11:23
controlled, 17km	1-2km SE	Heard	30	Shot		Small arms	19-Oct, 12:13
N of Donetsk)	1.01 000	77 1	12	E 1. 1.	TT 1 4	NI/IZ	19-Oct, 12:39-
	1-2km SSE	Heard Heard and	13	Explosion	Undetermined	N/K	12:56
	0.5km SSE	saw	1	Explosion	Airburst	N/K	19-Oct, 12:50
	1-2km SSE	Heard	35	Shot	Allouist	Small arms	19-Oct, 12:30
	1-2KIII SSE	Hearu	33	Shot		Siliali alliis	19-Oct, 13:07
	1km SE	Heard	40	Shot		Small arms	13:12
	1-2km SE	Heard	2	Explosion	Undetermined	N/K	19-Oct, 14:26
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:05
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:32
	4-6km SW		1	*	Undetermined	N/K	19-Oct, 10:10
	2km W	Heard		Explosion	Ondetermined	Small arms	
1.1km NW of the		Heard	10	Burst	Undetermined		19-Oct, 10:20
railway station in	15-20km SE	Heard	2	Explosion		N/K	19-Oct, 10:35
Yasynuvata (non-	4-6km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 10:57
government-	10km SE	Heard	5	Evalosion	Undetermined	N/K	19-Oct, 11:20- 11:34
controlled, 16km	TOKIII SE	пеан	3	Explosion	Undetermined	IN/IX	19-Oct, 11:57-
NE of Donetsk)	4-6km SW	Heard	2	Explosion	Undetermined	N/K	12:15
	4 OKIII B W	Ticara		Explosion	Chacterininea	11/11	19-Oct, 13:20-
	3-4km SW	Heard	18	Explosion	Undetermined	N/K	13:36
	3-4km SW	Heard	1	explosion	Undetermined	N/K	19-Oct, 14:28
Staromykhailivka	2 2 ,,	-10000		prooron		- 11	300, 11.20
(non-							
government-							
controlled, 15km							
W of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:32
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:36
1 7 1 1 1	0.5-0.7km						
Krasnohorivka	i	Heard	7	Burst		Small arms	19-Oct, 10:52
(government-	SE				1 1	3 7 /7 7	10.0 . 11.00
(government- controlled, 21km	SE 3-4km SE	Heard	1	Explosion	Undetermined	N/K	19-Oct, 11:22
(government-	3-4km SE	Heard		•	Undetermined		19-Oct, 12:37-
(government- controlled, 21km W of Donetsk)	3-4km SE 0.5-0.7km E	Heard Heard	2	Shot		Small arms	19-Oct, 12:37- 12:42
(government- controlled, 21km	3-4km SE	Heard		•	Undetermined Undetermined Undetermined		19-Oct, 12:37-

(government-							13:47
controlled, 15km							
NE of Mariupol)							
2km SE of							
Lebedynske (government							
controlled, 16km							
NE of Mariupol)	4-7km N	Heard	2	Explosion	Undetermined	Small arms	19-Oct, 12:57
1 km NNW of the	. , , , , , , , , , , , , , , , , , , ,	Heard and	_				
entry-exit	2-3km NNE	saw	1	Explosion	Impact	N/K	19-Oct, 14:24
checkpoint at	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	19-Oct, 14:28
Pyshchevyk							
(government-							
controlled, 25km	2-3km NNE	Hoord	1	Burst		Small arms	10 Oct 14:22
NE of Mariupol)	2-3KIII ININE	Heard	1	Durst		Siliali arilis	19-Oct, 14:32 19-Oct, 13:33-
NW edge of	1-2km SE	Heard	56	Shot		Small arms	13:40
Horlivka (non-	1-2KIII SE	ricard	30	Shot		Sman arms	19-Oct, 13:43-
government-	4-5km SW	Heard	12	Explosion	Undetermined	N/K	13:55
controlled, 39km				P			19-Oct, 13:58-
NE of Donetsk)	1-2km SE	Heard	52	Shot		Small arms	14:10
	2-3km SE	Heard	2	Explosion		N/K	19-Oct, 14:35
	3-4km SE	Heard	4	Burst		HMG	18-Oct, 20:20
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 20:22
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	18-Oct, 20:55
	5-6km E	Heard	4	Burst		HMG	18-Oct, 21:04
							18-Oct, 21:04-
	5-6km E	Heard	31	Explosion	Undetermined	N/K	21:05
	4-5km E	Heard	4	Burst		HMG	18-Oct, 21:05
	5-6km E	Heard	11	Explosion	Undetermined	N/K	18-Oct, 21:11
	4-5km E	Heard	3	Burst		Small arms	18-Oct, 21:13
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	18-Oct, 21:29
	5-6km SE	Heard	18	Burst	Undetermined	HMG	18-Oct, 21:32
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	18-Oct, 21:35
	4-5km SE	Heard	4	Burst		HMG	18-Oct, 21:35
	5-6km SE	Heard	2	Explosion	Undetermined	N/K	18-Oct, 20:42
	2-3km SE	Heard	8	Burst		HMG	18-Oct, 22:05
	3-4km SE	Heard	3	Burst		HMG	18-Oct, 23:22
	2-3km SE	Heard	4	Burst		HMG	18-Oct, 23:55
Svitlodarsk	3-4km SE	Heard	4	Burst		HMG	19-Oct, 08:44
(government-	3-4km SE	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:02
controlled, 57km	3-4km SE	Heard	7	Explosion	Undetermined	N/K	19-Oct, 09:50
NE of Donetsk)	3-4km SE	Heard	8	Burst		HMG	19-Oct, 10:02
	3-4km ESE	Heard	10	Shot		Small arms	19-Oct, 10:03
	3-4km SE	Heard	12	Burst		HMG	19-Oct, 10:05
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	19-Oct, 10:26
	3-4km E	Heard	2	Explosion	Undetermined	N/K	19-Oct, 12:01
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	19-Oct, 13:38
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	19-Oct, 14:45
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	19-Oct, 15:40
	3-4km SE	Heard	11	Burst	Chacterinied	HMG	19-Oct, 16:00
	4-5km ESE	Heard	6	Explosion		HMG	19-Oct, 16:10
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	19-Oct, 16:15
	4-5km SE	Heard	5	Explosion	Undetermined	N/K	19-Oct, 17:59
	T-JKIII BE	HEAIU	,	Pyhiosioii	Ondetermined	1 N/ IX	19-Oct, 17:39 19-Oct, 18:00-
	3-4km SE	Heard	8	Explosion	Undetermined	N/K	18:05
				<u>r</u>			19-Oct, 18:07-
	3-4km SE	Heard	13	Burst		HMG	18:15
							19-Oct, 18:20-
	3-4km	Heard	30	Burst		HMG	18:25
1.6km SSE of	2km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 09:00
Kamianka	1km SW					Small arms	

(government-		** .	115				19-Oct, 09:20-
controlled, 20km	2-3km SW	Heard	115	Burst		Small arms	09:35
N of Donetsk)	2-3km SW	Heard	3	Explosion	Undetermined	N/K	19-Oct, 09:40
	2-3km SW	Heard	15	Burst		HMG	19-Oct, 09:45
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	19-Oct, 09:48
	2-3km SW	Heard	6	Burst		HMG	19-Oct, 09:55
	2km SE	Heard	2	Explosion	Undetermined	N/K	19-Oct, 10:21
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-Oct, 10:55
	3-4km SW	Heard	5	Shot		Small arms	19-Oct, 10:56
	2-3km SW	Heard	11	Shot		Small arms	19-Oct, 11:48
	2-3km SE	Heard	11	Burst		Small arms	19-Oct, 12:14
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	19-Oct, 12:15
	2-3km SE	Heard	8	Burst		Small arms	19-Oct, 12:21
	2 41 CE	IIJ	2	Eli	IId	NI/IZ	19-Oct, 12:45-
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	12:48
1.5km SW of	3-4km SE	Heard	2	Explosion	Undetermined	N/K	19-Oct, 12:55
Molodizhne (non- government- controlled, 63km NW of Luhansk)	3-5km WSW	Heard	11	Explosion		N/K	19-Oct, 10:25- 10:37
NE edge of Obozne (non- government- controlled, 18km N of Luhansk)	1.5-2.5km NE	Heard	34	Shot and burst		Small arms	19-Oct, 10:47- 10:50
Trokhizbenka	2km ENE	Heard	50	Shot		Small arms	19-Oct, 11:15- 11:30
(government-							19-Oct, 11:15-
controlled, 32km	2km ENE	Heard	2	Burst		Small arms	11:30
NW of Luhansk)	2km ENE	Heard	28	Shot		Small arms	19-Oct, 11:43- 11:48
1.5km NE of							19-Oct, 11:25-
Kriakivka	1-2km ESE	Heard	10	Burst		Small arms	11:30
(government- controlled, 38km							19-Oct, 11:25-
NW of Luhansk)	1-2km ESE	Heard	5	Shot		Small arms	11:30

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).