

Table of ceasefire violations as of 24 June 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SW	Recorded	1	Projectile	WNW to ESE	N/K	22-Jun, 21:50
	1-3km SW	Recorded	1	Projectile	WNW to ESE	N/K	22-Jun, 21:51
	0.5-1.5km S	Recorded	3	Projectile	ESE to WNW	N/K	22-Jun, 22:25
	0.5-1.5km S	Recorded	3	Explosion	Undetermined	N/K	22-Jun, 22:25
	0.5-1km S	Recorded	2	Burst	NW to SE	N/K	22-Jun, 22:26
	0.5-1.5km S	Recorded	3	Explosion	Undetermined	N/K	22-Jun, 22:26
	0.5-1km SSE	Recorded	2	Explosion	Undetermined	N/K	22-Jun, 22:27
	0.5-1.5km S	Recorded	2	Projectile	WNW to ESE	N/K	22-Jun, 22:28
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 22:29
	0.5-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	22-Jun, 22:29
	1-2km SW	Recorded	3	Projectile	ESE to WNW	N/K	23-Jun, 00:22
	1-2km SW	Recorded	3	Projectile	ESE to WNW	N/K	23-Jun, 00:26
	1-2km SW	Recorded	3	Projectile	ESE to WNW	N/K	23-Jun, 00:29
	1-2km SW	Recorded	6	Projectile	WNW to ESE	N/K	23-Jun, 00:34
	100-500m SSW	Recorded	1	Projectile	ENE to WSW	N/K	23-Jun, 01:56
	100-500m SSW	Recorded	1	Projectile	ENE to WSW	N/K	23-Jun, 02:22
	100-500m SSW	Recorded	1	Projectile	ENE to WSW	N/K	23-Jun, 02:23
	0.5-1km SSW	Recorded	1	Explosion	Impact	N/K	23-Jun, 02:23
	1-2km SW	Recorded	2	Projectile	WNW to ESE	N/K	23-Jun, 02:40
	1-2km SW	Recorded	1	Projectile	WNW to ESE	N/K	23-Jun, 02:41
	1-2km SW	Recorded	1	Muzzle flash		N/K	23-Jun, 02:44
	1-2km SW	Recorded	2	Projectile	ESE to WNW	N/K	23-Jun, 02:45
	1-2km SW	Recorded	2	Projectile	In vertical flight	N/K	23-Jun, 02:48
	300-500m SSW	Recorded	1	Projectile	ENE to WSW	N/K	23-Jun, 02:58
	1-2km SSW	Recorded	2	Projectile	In vertical flight	N/K	23-Jun, 03:04
	1-2km SSW	Recorded	2	Projectile	WNW to ESE	N/K	23-Jun, 03:04
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	23-Jun, 03:11
	1-2km SSW	Recorded	1	Projectile	ESE to WNW	N/K	23-Jun, 03:11
	1-2km SSW	Recorded	2	Burst	ESE to WNW	N/K	23-Jun, 03:16
	1-2km SSW	Recorded	6	Projectile	ESE to WNW	N/K	23-Jun, 03:37
1-2km SSW	Recorded	1	Explosion	Outgoing	N/K	23-Jun, 03:39	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 21:44
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 21:52
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 21:55
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 21:56
	2-4km E	Recorded	2	Projectile	S to N	N/K	22-Jun, 21:58
	2-4km E	Recorded	2	Projectile	N to S	N/K	22-Jun, 21:58
	2-4km E	Recorded	3	Projectile	WSW to ENE	N/K	22-Jun, 21:59
	2-4km E	Recorded	1	Burst	S to N	N/K	22-Jun, 22:01
	2-4km E	Recorded	1	Projectile	S to N	N/K	22-Jun, 22:02
	2-4km E	Recorded	1	Burst	S to N	N/K	22-Jun, 22:03
	2-4km E	Recorded	4	Projectile	S to N	N/K	22-Jun, 22:03
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 22:06
	2-4km E	Recorded	2	Burst	N to S	N/K	22-Jun, 22:23
	2-4km E	Recorded	1	Explosion	S to N (Undetermined)	N/K	22-Jun, 22:26
	2-4km E	Recorded	1	Burst	S to N (about 5	N/K	22-Jun, 22:27

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.

				rounds)		
2-4km E	Recorded	1	Burst	S to N	N/K	22-Jun, 22:29
2-4km E	Recorded	2	Burst	NW to SE	N/K	22-Jun, 22:30
2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 22:33
2-4km E	Recorded	1	Burst	SW to NE	N/K	22-Jun, 22:50
2-4km E	Recorded	2	Projectile	SW to NE	N/K	22-Jun, 22:51
2-4km E	Recorded	3	Projectile	SW to NE	N/K	22-Jun, 22:52
2-4km E	Recorded	1	Projectile	NE to SW	N/K	22-Jun, 22:52
2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 23:05
2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 23:12
2-4km E	Recorded	1	Explosion	Undetermined	N/K	22-Jun, 23:14
2-4km E	Recorded	3	Projectile	S to N	N/K	22-Jun, 23:14
2-4km E	Recorded	1	Burst	SW to NE	N/K	22-Jun, 23:15
2-4km E	Recorded	4	Projectile	SW to NE	N/K	22-Jun, 23:16
2-4km E	Recorded	1	Projectile	SW to NE	N/K	22-Jun, 23:26
2-4km E	Recorded	2	Burst	NW to SE	N/K	22-Jun, 23:29
2-4km E	Recorded	1	Projectile	E to W	N/K	22-Jun, 23:35
2-4km E	Recorded	4	Projectile	SW to NE	N/K	22-Jun, 23:36
2-4km E	Recorded	2	Burst	S to N	N/K	22-Jun, 23:37
2-4km E	Recorded	5	Projectile	SW to NE	N/K	22-Jun, 23:37
2-4km E	Recorded	4	Projectile	SW to NE	N/K	22-Jun, 23:39
2-4km E	Recorded	3	Projectile	SW to NE	N/K	22-Jun, 23:43
2-4km ENE	Recorded	1	Burst	SW to NE	N/K	22-Jun, 23:56
2-4km ENE	Recorded	1	Projectile	SW to NE	N/K	23-Jun, 00:06
2-4km ENE	Recorded	1	Explosion	Impact	N/K	23-Jun, 00:06
2-4km ENE	Recorded	1	Muzzle flash		N/K	23-Jun, 00:06
2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	23-Jun, 00:06
2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 00:12
2-4km ENE	Recorded	1	Projectile	W to E	N/K	23-Jun, 00:14
2-4km NE	Recorded	3	Projectile	S to N	N/K	23-Jun, 00:15
2-4km NE	Recorded	8	Projectile	S to N	N/K	23-Jun, 00:16
2-4km NE	Recorded	1	Projectile	N to S	N/K	23-Jun, 00:16
2-4km NE	Recorded	2	Projectile	N to S	N/K	23-Jun, 00:16
2-4km NE	Recorded	4	Burst	S to N	N/K	23-Jun, 00:17
2-4km NE	Recorded	62	Projectile	S to N	N/K	23-Jun, 00:18
2-4km NE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:19
2-4km NE	Recorded	2	Projectile	SE to NW	N/K	23-Jun, 00:20
2-4km NE	Recorded	1	Burst	N to S	N/K	23-Jun, 00:20
2-4km NE	Recorded	1	Burst	SE to NW	N/K	23-Jun, 00:21
2-4km NE	Recorded	3	Projectile	N to S	N/K	23-Jun, 00:21
2-4km NE	Recorded	5	Projectile	S to N	N/K	23-Jun, 00:22
2-4km NE	Recorded	2	Projectile	N to S	N/K	23-Jun, 00:22
2-4km NE	Recorded	6	Projectile	SSW to NNE	N/K	23-Jun, 00:22
2-4km NE	Recorded	2	Projectile	S to N	N/K	23-Jun, 00:23
2-4km E	Recorded	3	Burst	S to N	N/K	23-Jun, 00:25
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 00:27
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 00:28
2-4km E	Recorded	2	Burst	S to N	N/K	23-Jun, 00:29
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 00:30
2-4km E	Recorded	1	Projectile	SE to NW	N/K	23-Jun, 00:32
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 00:32
2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	23-Jun, 00:34
2-4km E	Recorded	2	Projectile	SE to NW	N/K	23-Jun, 00:34
2-4km E	Recorded	2	Burst	S to N	N/K	23-Jun, 00:34
2-4km E	Recorded	4	Burst	E to W	N/K	23-Jun, 00:35
2-4km ENE	Recorded	41	Projectile	S to N	N/K	23-Jun, 00:36
2-4km ENE	Recorded	6	Projectile	N to S	N/K	23-Jun, 00:36
2-4km ENE	Recorded	6	Projectile	S to N	N/K	23-Jun, 00:37
2-4km ENE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:38
2-4km ENE	Recorded	4	Burst	S to N	N/K	23-Jun, 00:41
2-4km ENE	Recorded	3	Burst	S to N	N/K	23-Jun, 00:42

	2-4km ENE	Recorded	2	Burst	S to N	N/K	23-Jun, 00:43
	2-4km ENE	Recorded	6	Burst	S to N	N/K	23-Jun, 00:44
	2-4km ENE	Recorded	1	Burst	N to S	N/K	23-Jun, 00:44
	2-4km ENE	Recorded	4	Burst	S to N	N/K	23-Jun, 00:45
	2-4km ENE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:46
	2-4km ENE	Recorded	1	Burst	N to S	N/K	23-Jun, 00:48
	2-4km ENE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:48
	2-4km ENE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:48
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	23-Jun, 00:48
	2-4km ENE	Recorded	1	Burst	N to S	N/K	23-Jun, 00:49
	2-4km ENE	Recorded	2	Projectile	S to N	N/K	23-Jun, 00:49
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	23-Jun, 00:50
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	23-Jun, 00:53
	2-4km ENE	Recorded	2	Projectile	S to N	N/K	23-Jun, 00:55
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	23-Jun, 00:55
	2-4km NE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:56
	2-4km NE	Recorded	1	Burst	N to S	N/K	23-Jun, 00:56
	2-4km NE	Recorded	1	Burst	S to N	N/K	23-Jun, 00:58
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 00:58
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	23-Jun, 01:02
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	23-Jun, 01:22
	2-4km ENE	Recorded	6	Projectile	N to S	N/K	23-Jun, 01:23
	2-4km ENE	Recorded	7	Projectile	S to N	N/K	23-Jun, 01:23
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	23-Jun, 01:24
	2-4km E	Recorded	2	Burst	S to N	N/K	23-Jun, 01:34
	2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 01:36
	2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 01:39
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 02:14
	2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 02:19
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	1-3km NE	Recorded	6	Projectile	NW to SE	N/K	22-Jun, 21:59
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2.5-4km S	Recorded	1	Projectile	E to W	N/K	22-Jun, 21:36
	2.5-4km S	Recorded	2	Projectile	W to E	N/K	22-Jun, 22:05
	2.5-4km S	Recorded	1	Projectile	W to E	N/K	22-Jun, 22:06
	2.5-4km S	Recorded	1	Projectile	W to E	N/K	22-Jun, 22:40
	2.5-4km S	Recorded	6	Projectile	W to E	N/K	22-Jun, 22:41
	2.5-4km S	Recorded	6	Projectile	W to E	N/K	22-Jun, 22:45
	2.5-4km S	Recorded	4	Projectile	E to W	N/K	22-Jun, 22:46
	2.5-4km S	Recorded	1	Projectile	E to W	N/K	22-Jun, 23:08
	2.5-4km S	Recorded	1	Burst	E to W	N/K	23-Jun, 00:03
	2.5-4km S	Recorded	1	Projectile	W to E	N/K	23-Jun, 00:40
	2.5-4km S	Recorded	1	Muzzle flash		N/K	23-Jun, 00:47
	2.5-4km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 00:52
	2.5-4km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 00:53
2.5-4km S	Recorded	1	Burst	E to W	N/K	23-Jun, 01:08	
2.5-4km S	Recorded	1	Projectile	E to W	N/K	23-Jun, 02:53	
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	3-5km NNE	Recorded	1	Projectile	SSE to NNW	N/K	22-Jun, 21:04
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5-15km ESE	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Jun, 22:46
	5-15km ENE	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Jun, 22:50

	5-15km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Jun, 22:56
	5-15km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Jun, 23:41
	5-15km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Jun, 23:46
	5-15km SSE	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Jun, 00:04
	5-15km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Jun, 00:43
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3km S	Heard	3	Explosion	Undetermined (unable to assess if inside or outside disengagement area)	N/K	23-Jun, 00:40-00:43
1.1km NW of Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	3-5km SW	Heard	1	Explosion	Undetermined	N/K	23-Jun, 09:13
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	23-Jun, 10:30
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	23-Jun, 11:00
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km E	Heard	2	Explosion	Undetermined	N/K	23-Jun, 10:31-10:59
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-Jun, 22:00
	4-5km SE	Heard	20	Burst		HMG	22-Jun, 22:30-22:35
	4-5km SE	Heard	20	Burst		HMG	22-Jun, 22:36-22:41
	4-5km S	Heard	6	Explosion	Undetermined	N/K	22-Jun, 22:38-22:42
	4-5km S	Heard	5	Explosion	Undetermined	N/K	22-Jun, 22:50-22:54
	4-5km SE	Heard	15	Burst		HMG	22-Jun, 22:50-22:54
	4-5km SE	Heard	15	Burst		HMG	22-Jun, 22:58-23:03
	4-5km SE	Heard	13	Burst		HMG	22-Jun, 23:04-23:08
	4-5km SE	Heard	12	Burst		HMG	22-Jun, 23:09-23:14
	4-5km SE	Heard	15	Burst		HMG	22-Jun, 23:15-23:20
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-Jun, 23:16
	4-5km SE	Heard	15	Burst		HMG	22-Jun, 23:21-23:26
	4-5km SE	Heard	5	Explosion	Undetermined	N/K	22-Jun, 23:23-23:26

	4-5km SE	Heard	12	Burst		HMG	22-Jun, 23:27-23:31
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	22-Jun, 23:55-23:59
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	23-Jun, 00:40-00:43
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	23-Jun, 01:10-01:13
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	23-Jun, 11:00
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Jun, 11:54
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:20
	1-3km S	Recorded	6	Projectile	E to W	N/K	23-Jun, 21:20
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:21
	1-3km S	Recorded	2	Projectile	E to W	N/K	23-Jun, 21:21
	1-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	23-Jun, 21:21
	1-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	23-Jun, 22:09
	1-3km S	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 22:09
	1-3km S	Recorded	1	Projectile	E to W	N/K	23-Jun, 22:11
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 22:11
	1-3km S	Recorded	3	Projectile	E to W	N/K	23-Jun, 22:21
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 22:21
	1-3km S	Recorded	4	Projectile	W to E	N/K	23-Jun, 22:27
	1-3km S	Recorded	3	Explosion	Undetermined	N/K	23-Jun, 22:32
	1-3km S	Recorded	1	Projectile	E to W	N/K	23-Jun, 22:36
	1-3km S	Recorded	1	Projectile	W to E	N/K	23-Jun, 22:56
	1-3km S	Recorded	1	Projectile	W to E	N/K	23-Jun, 23:07
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 23:07
	1-3km S	Recorded	1	Projectile	E to W	N/K	23-Jun, 23:08
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 23:08
	1-3km S	Recorded	9	Projectile	E to W	N/K	23-Jun, 23:27
	1-3km S	Recorded	1	Projectile	S to N	N/K	23-Jun, 23:22
	1-2km S	Recorded	1	Projectile	W to E	N/K	23-Jun, 23:23
	0.2-1km S	Recorded	2	Explosion	Impact	N/K	23-Jun, 23:23
	1-3km S	Recorded	12	Projectile	E to W	N/K	23-Jun, 23:27
	1-3km S	Recorded	4	Projectile	E to W	N/K	23-Jun, 23:32
	1-3km S	Recorded	1	Projectile	NE to SW	N/K	23-Jun, 23:32
	1-3km S	Recorded	5	Projectile	E to W	N/K	23-Jun, 23:37
	0.2-1km S	Recorded	2	Projectile	NE to SW	N/K	23-Jun, 23:55
	1-3km S	Recorded	1	Projectile	E to W	N/K	24-Jun, 00:13
	0.2-1km S	Recorded	1	Projectile	NE to SW	N/K	24-Jun, 00:13
	1-2km S	Recorded	1	Projectile	E to W	N/K	24-Jun, 00:14
	1-2km S	Recorded	1	Projectile	NE to SW	N/K	24-Jun, 00:24
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	24-Jun, 00:24	
1-3km S	Recorded	1	Projectile	E to W	N/K	24-Jun, 00:24	
1-3km S	Recorded	2	Projectile	W to E	N/K	24-Jun, 01:33	
1-3km S	Recorded	1	Projectile	W to E	N/K	24-Jun, 02:12	
1-3km S	Recorded	2	Projectile	W to E	N/K	24-Jun, 02:36	
1-3km S	Recorded	7	Projectile	W to E	N/K	24-Jun, 02:38	
1-3km S	Recorded	1	Projectile	W to E	N/K	24-Jun, 02:40	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Projectile	S to N	N/K	23-Jun, 21:05
	2-4km E	Recorded	3	Projectile	S to N	N/K	23-Jun, 21:11
	2-4km E	Recorded	1	Burst	In vertical flight	N/K	23-Jun, 21:13
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:19
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:20
	2-4km E	Recorded	1	Muzzle flash		N/K	23-Jun, 21:22
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 21:22
	2-4km E	Recorded	3	Projectile	N to S	N/K	23-Jun, 21:22
	2-4km E	Recorded	5	Muzzle flash		N/K	23-Jun, 21:23
	2-4km E	Recorded	3	Projectile	S to N	N/K	23-Jun, 21:23
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 21:23	

2-4km E	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 21:23
2-4km E	Recorded	1	Burst	N to S	N/K	23-Jun, 21:23
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:24
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 21:29
2-4km E	Recorded	5	Burst	N to S	N/K	23-Jun, 21:30
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:30
2-4km E	Recorded	8	Burst	S to N	N/K	23-Jun, 21:30
2-4km E	Recorded	2	Projectile	N to S	N/K	23-Jun, 21:30
2-4km E	Recorded	8	Burst	S to N	N/K	23-Jun, 21:31
2-4km E	Recorded	5	Projectile	N to S	N/K	23-Jun, 21:32
2-4km E	Recorded	4	Projectile	N to S	N/K	23-Jun, 21:33
2-4km E	Recorded	5	Muzzle Flash		N/K	23-Jun, 21:33
2-4km E	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 21:33
2-4km E	Recorded	7	Projectile	S to N	N/K	23-Jun, 21:33
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 21:34
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:48
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:49
2-4km E	Recorded	1	Projectile	S to N	N/K	23-Jun, 21:57
2-4km E	Recorded	1	Illumination Flare	In vertical flight	N/K	23-Jun, 22:29
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 22:54
2-4km E	Recorded	2	Projectile	S to N	N/K	23-Jun, 22:59
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:01
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:02
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:03
2-4km E	Recorded	1	Projectile	SW to NE	N/K	23-Jun, 23:05
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:13
2-4km E	Recorded	1	Burst	SW to NE	N/K	23-Jun, 23:14
2-4km E	Recorded	7	Projectile	SW to NE	N/K	23-Jun, 23:14
2-4km E	Recorded	1	Burst	SW to NE	N/K	23-Jun, 23:15
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 23:15
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 23:20
2-4km E	Recorded	4	Projectile	S to N	N/K	23-Jun, 23:24
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:31
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 23:35
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:37
2-4km E	Recorded	3	Projectile	S to N	N/K	23-Jun, 23:38
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 23:44
2-4km E	Recorded	6	Projectile	S to N	N/K	23-Jun, 23:45
2-4km E	Recorded	3	Burst		N/K	23-Jun, 23:46
2-4km E	Recorded	1	Projectile	N to S	N/K	23-Jun, 23:49
2-4km E	Recorded	1	Muzzle flash		N/K	23-Jun, 23:49
2-4km E	Recorded	6	Projectile	S to N	N/K	23-Jun, 23:53
2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 23:53
2-4km E	Recorded	1	Projectile	S to N	N/K	23-Jun, 23:54
2-4km E	Recorded	1	Muzzle flash		N/K	23-Jun, 23:54
2-4km E	Recorded	2	Burst	S to N	N/K	23-Jun, 23:54
2-4km E	Recorded	1	Projectile	S to N	N/K	23-Jun, 23:55
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:55
2-4km E	Recorded	2	Projectile	S to N	N/K	23-Jun, 23:58
2-4km E	Recorded	1	Burst	S to N	N/K	23-Jun, 23:58
2-4km E	Recorded	2	Burst	S to N	N/K	23-Jun, 23:59
2-4km E	Recorded	1	Explosion	Undetermined	N/K	24-Jun, 00:02
2-4km E	Recorded	3	Projectile	S to N	N/K	24-Jun, 00:02
2-4km E	Recorded	6	Projectile	S to N	N/K	24-Jun, 00:03
2-4km E	Recorded	2	Burst	S to N	N/K	24-Jun, 00:03
2-4km E	Recorded	2	Projectile	S to N	N/K	24-Jun, 00:06
2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 00:06
2-4km E	Recorded	1	Explosion	Undetermined	N/K	24-Jun, 00:06
2-4km E	Recorded	1	Projectile	S to N	N/K	24-Jun, 00:08
2-4km E	Recorded	1	Projectile	S to N	N/K	24-Jun, 00:09

	2-4km E	Recorded	4	Projectile	S to N	N/K	24-Jun, 00:16
	2-4km E	Recorded	5	Projectile	S to N	N/K	24-Jun, 00:17
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 00:19
	2-4km E	Recorded	4	Projectile	S to N	N/K	24-Jun, 00:23
	2-4km E	Recorded	3	Projectile	S to N	N/K	24-Jun, 00:24
	2-4km E	Recorded	2	Projectile	S to N	N/K	24-Jun, 00:25
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 00:27
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 00:28
	2-4km E	Recorded	1	Projectile	S to N	N/K	24-Jun, 00:29
	2-4km E	Recorded	2	Projectile	N to S	N/K	24-Jun, 00:36
	2-4km E	Recorded	2	Burst	S to N	N/K	24-Jun, 01:05
	2-4km E	Recorded	7	Projectile	S to N	N/K	24-Jun, 01:10
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 01:16
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 01:20
	2-4km E	Recorded	1	Burst	NW to SE	N/K	24-Jun, 01:20
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	24-Jun, 01:23
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	24-Jun, 01:29
	2-4km E	Recorded	1	Projectile	N to S	N/K	24-Jun, 01:31
	2-4km E	Recorded	1	Projectile	S to N	N/K	24-Jun, 01:38
	2-4km E	Recorded	4	Projectile	S to N	N/K	24-Jun, 01:48
	2-4km E	Recorded	1	Projectile	N to S	N/K	24-Jun, 01:53
	2-4km E	Recorded	1	Burst	S to N	N/K	24-Jun, 01:57
	2-4km E	Recorded	4	Projectile	SW to NE	N/K	24-Jun, 02:21
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	24-Jun, 02:31
	2-4km E	Recorded	1	Projectile	S to N	N/K	24-Jun, 02:40
	2-4km E	Recorded	2	Projectile	S to N	N/K	24-Jun, 02:55
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	24-Jun, 03:06
	2-4km E	Recorded	5	Projectile	S to N	N/K	24-Jun, 03:11
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	1-3km NE	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 22:23
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	1.5-3km S	Recorded	3	Explosion	Undetermined	N/K	23-Jun, 22:49
	1.5-3km S	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 22:52
	1.5-3km S	Recorded	2	Explosion	Undetermined	N/K	23-Jun, 22:55
	1.5-3km S	Recorded	2	Burst	E to W	N/K	24-Jun, 02:20
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	1.5-3km NNE	Recorded	1	Burst	In vertical flight	N/K	23-Jun, 23:05
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5-10km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Jun, 21:53
	4-6km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	23-Jun, 21:53
	5-10km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Jun, 21:54
	5-10km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Jun, 21:55
	3-6km E	Recorded	1	Explosion	Undetermined	N/K	23-Jun, 21:56

				(assessed as outside the disengagement area)		
	5-10km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K 23-Jun, 21:58
	5-10km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K 23-Jun, 22:03
	5-10km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K 23-Jun, 22:24
	4-6km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K 23-Jun, 22:41
	3-5km SE	Recorded	2	Projectile	SW to NE (assessed as inside the disengagement area)	N/K 23-Jun, 23:18
	3-5km SE	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K 23-Jun, 23:20
	3-5km E	Recorded	8	Burst	N to S (assessed as outside the disengagement area)	HMG 23-Jun, 23:33
	3-5km E	Recorded	9	Tracer	N to S (assessed as outside the disengagement area)	N/K 23-Jun, 23:33
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1km SW	Recorded	1	Explosion	SW to NE (assessed as inside the disengagement area)	N/K 1-Jun, 00:15
	1-1.5km E	Recorded	4	Projectile	W to E (assessed as outside of the disengagement area)	N/K 1-Jun, 00:15
	1-1.5km WNW	Recorded	12	Tracer	ESE to WNW (assessed as inside of the disengagement area)	N/K 1-Jun, 21:52
SW edge of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km W	Heard	3	Burst		Small arms 24-Jun, 11:26
	1-2km W	Heard	2	Shot		Small arms 24-Jun, 11:26
	3-4km NNW	Heard	1	Explosion	Undetermined	N/K 24-Jun, 11:29
	2km W	Heard	1	Explosion	Undetermined	N/K 24-Jun, 12:34
	2km W	Heard	3	Shot		Small arms 24-Jun, 12:49
	2-4km NNW	Heard	6	Burst		Small arms 24-Jun, 12:50
	2-4km NNW	Heard	15	Shot		Small arms 24-Jun, 12:50
Railway station in Yasynuvata (non-	2km W	Heard	3	Shot		Small arms 24-Jun, 12:59
	1-2km W	Heard	1	Shot		Small arms 24-Jun, 13:04

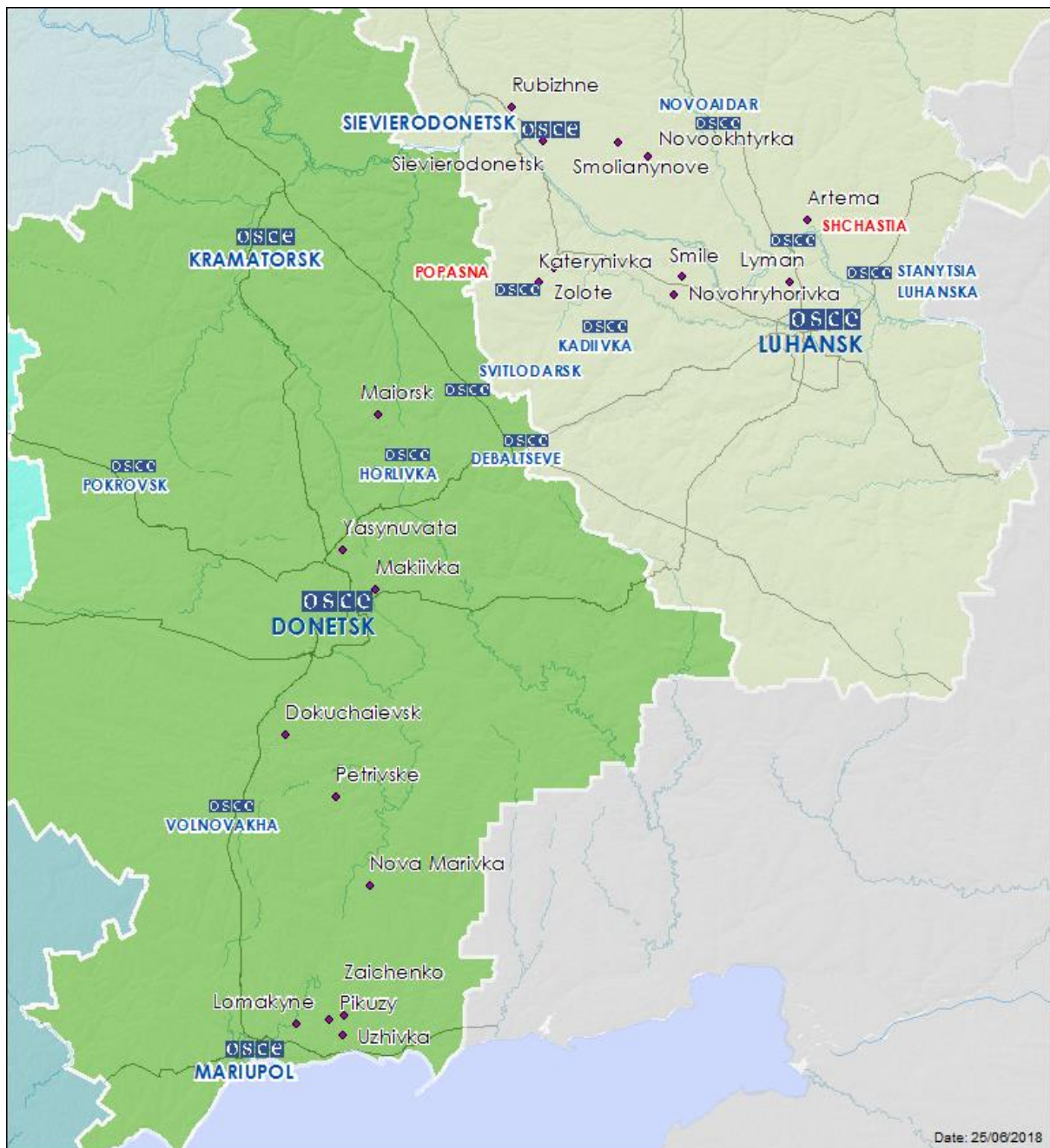
government-controlled, 16km NE of Donetsk)	1-2km W	Heard	1	Shot		Small arms	24-Jun, 13:06
	1-2km W	Heard	2	Shot		Small arms	24-Jun, 13:08
	1-2km W	Heard	2	Burst		Small arms	24-Jun, 13:08
	1-2km W	Heard	1	Burst		Small arms	24-Jun, 13:09
	1-2km W	Heard	2	Shot		Small arms	24-Jun, 13:10
	1-2km W	Heard	2	Shot		Small arms	24-Jun, 13:15
	1-2km W	Heard	2	Shot		Small arms	24-Jun, 13:18
	1-2km W	Heard	1	Shot		Small arms	24-Jun, 13:19
	1-2km W	Heard	2	Shot		Small arms	24-Jun, 13:23
	1-2km W	Heard	1	Shot		Small arms	24-Jun, 13:24
	1-2km W	Heard	1	Shot		Small arms	24-Jun, 13:25
	3-4km WSW	Heard	3	Explosion	Undetermined	N/K	24-Jun, 13:38
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km N	Heard	3	Burst		Small arms	24-Jun, 09:40
	3km W	Heard	2	Shot		Small arms	24-Jun, 13:59
	2-3km W	Heard	4	Shot		Small arms	24-Jun, 14:04
	3-4km N	Heard	2	Explosion	Outgoing	Mortar (type N/K)	24-Jun, 14:04
	2-3km W	Heard	1	Shot		Small arms	24-Jun, 14:21
	2-3km N	Heard	1	Burst		Small arms	24-Jun, 14:27
	1-2km W	Heard	1	Shot		Small arms	24-Jun, 14:30
	1-2km W	Heard	1	Shot		Small arms	24-Jun, 14:31
	5-6km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	24-Jun, 15:20
	2-3km WSW	Heard	1	Explosion	Impact	Artillery (type N/K)	24-Jun, 15:21
	5-6km W	Heard	2	Explosion	Undetermined	N/K	24-Jun, 15:23
	5-6km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	24-Jun, 15:27
	3-4km SW	Heard	1	Explosion	Impact	Artillery (type N/K)	24-Jun, 15:27
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	5-7km S	Heard	2	Explosion	Undetermined	N/K	24-Jun, 15:23-15:27
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	1-2km SW	Heard	4	Burst		Small arms	24-Jun, 10:33
Trudivski area of Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	0.5-1km SW	Heard	4	Burst		Small arms	24-Jun, 11:14
	0.5-1km SW	Heard	10	Shot		Small arms	24-Jun, 11:17
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K ESE	Heard	3	Explosion	Undetermined	N/K	24-Jun, 12:12-12:16
	N/K ESE	Heard	3	Shot		Small arms	24-Jun, 12:12-12:16
	N/K ESE	Heard	9	Explosion	Undetermined	N/K	24-Jun, 12:46-12:52
	1km ESE	Heard	1	Explosion	Outgoing	Mortar (type N/K)	24-Jun, 12:46
	4-5km NE	Heard	9	Explosion	Outgoing	N/K	24-Jun, 13:11-13:14
	4-5km SE	Heard	10	Explosion	Impact	N/K	24-Jun, 13:11-13:14
	3-5km NE	Heard	11	Explosion	Undetermined	N/K	24-Jun, 13:20
	3-5km NE	Heard	10	Explosion	Undetermined	N/K	24-Jun, 13:25-13:33
	3-5km SE	Heard	21	Explosion	Undetermined	N/K	24-Jun, 13:25-13:33
1.5km W of Khreschatytske (formerly	N/K NNW	Heard	11	Explosion	Undetermined	N/K	24-Jun, 13:45

Krasnoarmiiske, non-government controlled, 33km NE of Mariupol)							
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	10	Burst		HMG	23-Jun, 22:00-22:02
	4-5km SE	Heard	15	Burst		HMG	23-Jun, 22:04-22:07
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	23-Jun, 22:34-22:36
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	23-Jun, 22:40-22:43
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	23-Jun, 22:55-22:57
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Jun, 23:00
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	23-Jun, 23:10-23:13
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Jun, 23:14
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	23-Jun, 23:20
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Jun, 23:25
	4-5km SE	Heard	20	Burst		HMG	23-Jun, 23:50-23:55
	4-5km SE	Heard	15	Burst		HMG	23-Jun, 23:56-23:59
	4-5km SE	Heard	20	Burst		HMG	24-Jun, 00:01-00:06
	4-5km SE	Heard	15	Burst		HMG	24-Jun, 00:07-00:12
	4-5km SE	Heard	15	Burst		HMG	24-Jun, 00:13-00:18
	4-5km SE	Heard	17	Burst		HMG	24-Jun, 00:20-00:25
	4-5km SE	Heard	15	Burst		HMG	24-Jun, 00:26-00:30
	4-5km SE	Heard	20	Burst		HMG	24-Jun, 00:45-00:51
	4-5km SE	Heard	20	Burst		HMG	24-Jun, 00:54-01:00
	4-5km SE	Heard	15	Burst		HMG	24-Jun, 01:01-01:06
4-5km SE	Heard	20	Burst		HMG	24-Jun, 01:30-01:36	
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SW	Heard	3	Burst		HMG	23-Jun, 19:54
	4-5km SW	Heard	9	Burst		Small arms	23-Jun, 19:54-19:58
	4-9km SW	Heard	4	Explosion	Undetermined	N/K	23-Jun, 19:54-19:58
	4-5km SW	Heard	5	Shot		Small arms	23-Jun, 19:54-19:58
	4-5km WSW	Heard	9	Shot		Small arms	23-Jun, 20:05-20:07
	4-9km SW	Heard	5	Explosion	Undetermined	N/K	23-Jun, 20:05-20:07
	4-6km SW	Heard	10	Shot		N/K	23-Jun, 20:09-20:13
	5-9km SW	Heard	2	Explosion	Undetermined	N/K	23-Jun, 20:05-20:13
	4-6km SW	Heard	2	Burst		N/K	23-Jun, 20:10-20:13
	5-6km W	Heard	7	Burst		HMG	23-Jun, 20:14
	4-6km SW	Heard	7	Burst		Small arms	23-Jun, 20:14
	3-6km SW	Heard	4	Explosion	Undetermined	N/K	23-Jun, 20:14
	4-6km SW	Heard	7	Shot		N/K	23-Jun, 20:14
	4-6km SW	Heard	5	Shot		Small arms	23-Jun, 20:14
	4-7km SW	Heard	2	Explosion	Undetermined	N/K	23-Jun, 20:18

	4-7km SW	Heard	5	Explosion	Undetermined	N/K	23-Jun, 20:21-20:23
	4-6km SW	Heard	9	Shot		N/K	23-Jun, 20:24-20:30
	4-6km SW	Heard	11	Burst		HMG	23-Jun, 20:24-20:30
	4-6km SW	Heard	10	Shot		Small arms	23-Jun, 20:24-20:30
	4-8km SW	Heard	7	Explosion	Undetermined	N/K	23-Jun, 20:24-20:30
	4-6km SW	Heard	28	Burst		Small arms	23-Jun, 20:24-20:30
	4-6km SW	Heard	20	Shot		Small arms	23-Jun, 20:24-20:30
	4-6km SW	Heard	19	Burst		Small arms	23-Jun, 20:31-20:35
	4-6km SW	Heard	9	Burst		Small arms	23-Jun, 20:31-20:35
	4-6km SW	Heard	11	Shot		HMG	23-Jun, 20:31-20:35
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	23-Jun, 20:31-20:35
	4-6km SW	Heard	1	Shot		Small arms	23-Jun, 20:36-20:37
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	23-Jun, 20:36-20:37
	4-6km SW	Saw	12	Shot		HMG	23-Jun, 20:47-20:48
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	23-Jun, 20:52-20:54
	6-8km SW	Heard	4	Explosion	Undetermined	N/K	23-Jun, 21:21-21:26
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	23-Jun, 21:28
	4-6km W	Heard	8	Explosion	Undetermined	N/K	23-Jun, 21:33-21:36
	4-6km W	Heard	37	Explosion	Undetermined	N/K	23-Jun, 21:33-21:37
	4-6km W	Heard	16	Explosion	Undetermined	N/K	23-Jun, 21:38-21:40
	4-6km W	Heard	17	Explosion	Undetermined	N/K	23-Jun, 21:41-21:42
	4-6km W	Heard	23	Shot		Small arms	23-Jun, 21:41-21:43
	8-10km SW	Heard	2	Explosion	Undetermined	N/K	23-Jun, 21:55
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SE	Heard	1	Shot		Small arms	24-Jun, 09:57
Sievierodonetsk (government-controlled, 74km NW of Luhansk)	25-35km S	Heard	90	Explosion	Undetermined	N/K	23-Jun, 21:45-22:30
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	5km W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Jun, 02:28
	3km SW	Heard	25	Shot	Assessed as outside the disengagement area	Small arms	24-Jun, 04:10-04:11
Stanytsia Luhanska bridge (15km NE of Luhansk)	3-5km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Jun, 13:09

					area)		
50m N of the broken section of Stanytsia Luhanska bridge (15km NE of Luhansk)	0.8-1km SW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	24-Jun, 13:11

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).