

Table of ceasefire violations as of 3 October 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Recorded	1	Illumination flare	In vertical flight, also recorded by DFS camera and Oktiabr mine camera	N/K	2-Oct, 23:00
	4-6km SE	Recorded	2	Projectile	NE to SW	N/K	2-Oct, 23:14
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	4-6km SE	Recorded	1	Projectile	NE to SW	N/K	2-Oct, 23:42
	4-6km SE	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	2-Oct, 23:42
	2-4km SE	Recorded	21	Projectile	WSW to ENE	N/K	2-Oct, 23:51
	2-4km SE	Recorded	15	Projectile	WSW to ENE	N/K	2-Oct, 23:52
	2-4km SE	Recorded	2	Explosion	Airburst, subsequent to previous event	N/K	2-Oct, 23:52
	2-4km SE	Recorded	2	Projectile	NNE to SSW	N/K	2-Oct, 23:53
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 23:53
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	2-Oct, 23:53
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 23:55
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 23:55
	2-4km SE	Recorded	16	Projectile	NE to SW	N/K	2-Oct, 23:56
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 23:59
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:03
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:07
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	3-Oct, 00:07
	4-6km SE	Recorded	7	Projectile	NE to SW	N/K	3-Oct, 00:08
	4-6km SE	Recorded	3	Projectile	NE to SW	N/K	3-Oct, 00:09
	2-4km SE	Recorded	10	Projectile	NNE to SSW	N/K	3-Oct, 00:13
	4-6km SE	Recorded	1	Burst	In vertical flight, approximately 10 rounds	N/K	3-Oct, 00:13
	2-4km SSE	Recorded	13	Projectile	WSW to ENE	N/K	3-Oct, 00:15
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	3-Oct, 00:16
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	3-Oct, 00:16
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	3-Oct, 00:21
	2-4km SE	Recorded	11	Projectile	N to S	N/K	3-Oct, 00:53
	2-4km SE	Recorded	13	Projectile	N to S	N/K	3-Oct, 00:54
	2-4km SE	Recorded	5	Explosion	Undetermined	N/K	3-Oct, 00:55
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	3-Oct, 00:55
	2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	3-Oct, 00:56
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	3-Oct, 00:56
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	3-Oct, 00:56
	2-4km SSE	Recorded	14	Projectile	WSW to ENE	N/K	3-Oct, 00:57
	2-4km SSE	Recorded	4	Explosion	Undetermined	N/K	3-Oct, 00:57
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:57
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	3-Oct, 00:58
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:58
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	3-Oct, 00:58
	2-4km SE	Recorded	8	Projectile	WSW to ENE	N/K	3-Oct, 00:59
	2-4km SE	Recorded	5	Explosion	Undetermined	N/K	3-Oct, 00:59
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 01:01
	2-4km SE	Recorded	2	burst	In vertical flight, approximately 20 rounds	N/K	3-Oct, 01:02
	2-4km SE	Recorded	28	Projectile	WSW to ENE	N/K	3-Oct, 01:03
	2-4km SE	Recorded	6	Explosion	Undetermined	N/K	3-Oct, 01:03
2-4km SE	Recorded	6	Explosion	Undetermined	N/K	3-Oct, 01:05	

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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 01:05
	2-4km SE	Recorded	1	burst	NE to SW (approximately 30 rounds)	N/K	3-Oct, 02:30
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	3-Oct, 03:53
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-2km SE	Recorded	5	Projectile	In vertical flight	N/K	2-Oct, 19:17
	1-2km SE	Recorded	2	Projectile	NW to SE	N/K	2-Oct, 19:17
	1-2km S	Recorded	1	Projectile	NW to SE	N/K	2-Oct, 19:18
	1-2km SSE	Recorded	1	Projectile	In vertical flight	N/K	2-Oct, 19:23
	1-2km SSE	Recorded	1	Projectile	In vertical flight	N/K	2-Oct, 19:24
	3-5km SSE	Recorded	19	Projectile	NE to SW	N/K	2-Oct, 19:41
	1-2km SSE	Recorded	1	Projectile	NW to SE	N/K	2-Oct, 19:41
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	2-Oct, 19:41
	4-6km SSE	Recorded	3	Projectile	WNW to ESE	N/K	2-Oct, 19:44
	4-6km SSE	Recorded	1	Muzzle flash		N/K	2-Oct, 19:45
	4-6km SSE	Recorded	1	Projectile	W to E	N/K	2-Oct, 19:45
	4-6km SSE	Recorded	4	Projectile	W to E	N/K	2-Oct, 19:54
	4-6km SSE	Recorded	2	Projectile	WNW to ESE	N/K	2-Oct, 19:55
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	2-Oct, 20:09
	3-5km S	Recorded	1	Muzzle flash		N/K	2-Oct, 20:09
	4-6km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Oct, 20:36
	4-6km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Oct, 20:37
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	2-Oct, 20:58
	3-5km SSE	Recorded	1	Muzzle flash		N/K	2-Oct, 20:58
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	2-Oct, 20:59
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	2-Oct, 22:06
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	2-Oct, 22:07
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 22:07
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	2-Oct, 22:08
	3-5km SSE	Recorded	3	Projectile	NNE to SSW	N/K	2-Oct, 22:12
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	2-Oct, 22:12
	3-5km SSE	Recorded	1	Muzzle flash		N/K	2-Oct, 22:12
	4-6km SSE	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	2-Oct, 22:59
	4-6km SSE	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	2-Oct, 23:07
	4-6km SSE	Recorded	4	Projectile	NE to SW	N/K	3-Oct, 00:11
	3-5km SE	Recorded	3	Projectile	NE to SW	N/K	3-Oct, 00:27
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 01:20
	4-6km S	Recorded	1	Illumination flare	In vertical flight	N/K	3-Oct, 01:49
	3-5km SSE	Recorded	1	Muzzle flash		N/K	3-Oct, 02:10
	3-5km SSE	Recorded	1	Projectile	ENE to WSW (subsequent to previous event)	N/K	3-Oct, 02:10
	2-4km SE	Recorded	6	Projectile	In vertical flight	N/K	3-Oct, 02:26
	3-5km SSE	Recorded	2	Projectile	NNE to SSW	N/K	3-Oct, 02:31
	3-5km SSE	Recorded	2	Projectile	NNE to SSW	N/K	3-Oct, 02:35
	3-5km SSE	Recorded	1	Projectile	SSW to NNE	N/K	3-Oct, 02:35
	3-5km SSE	Recorded	1	Muzzle flash		N/K	3-Oct, 02:35
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	3-Oct, 02:53
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	3-Oct, 03:45
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	3-Oct, 03:57
	2-4km SE	Recorded	7	Projectile	In vertical flight	N/K	3-Oct, 04:14
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	3-Oct, 04:34
	2-4km SE	Recorded	4	Projectile	In vertical flight	N/K	3-Oct, 04:42
	2-4km SE	Recorded	6	Projectile	In vertical flight	N/K	3-Oct, 04:43
	2-4km SE	Recorded	2	Projectile	In vertical flight	N/K	3-Oct, 04:48
	2-4km SE	Recorded	6	Projectile	In vertical flight	N/K	3-Oct, 04:53
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	3-Oct, 04:59
300-400m SSE	Recorded	1	Muzzle flash		Mortar (type N/K)	3-Oct, 11:22	
200-400m SSW	Recorded	1	Muzzle flash		N/K	2-Oct, 21:39	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.2-1km S	Recorded	1	Projectile	WNW to ESE (subsequent to previous event)	N/K	2-Oct, 21:39
	0.9-1.1km SSE	Recorded	1	Explosion	Subsequent to previous event	N/K	2-Oct, 21:39
	0.9-1.1km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 21:39

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	0.7-1km S	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 21:47
	300-500m SSW	Recorded	1	Muzzle flash		N/K	2-Oct, 21:59
	0.7-1km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 22:01
	0.4-1.2km S	Recorded	1	Projectile	WNW to ESE	N/K	2-Oct, 22:02
	0.7-1km S	Recorded	1	Muzzle flash		N/K	2-Oct, 22:03
	0.7-1km S	Recorded	1	Projectile	NNE to SSW (subsequent to previous event)	N/K	2-Oct, 22:03
	300-500m SSW	Recorded	3	Muzzle flash		N/K	2-Oct, 22:11
	300-500m SSW	Recorded	1	Projectile	N to S	N/K	2-Oct, 22:26
	0.7-1km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 22:26
	600-800m SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 22:28
	600-800m SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 22:32
	1-2km SSW	Recorded	1	Explosion	Also recorded by Avdiivka camera	N/K	2-Oct, 23:06
	1-2km SSW	Recorded	1	Explosion	Also recorded by Avdiivka camera	N/K	2-Oct, 23:41
	0.5-1km S	Recorded	1	Projectile	In vertical flight	N/K	3-Oct, 00:58
	0.3-0.5km SSW	Recorded	2	Muzzle flash		N/K	3-Oct, 01:00
	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 01:00
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 01:01
2-4km SSW	Recorded	1	Explosion	Undetermined, also recorded by Oktiabr mine camera	N/K	3-Oct, 04:52	
0.8-1.2km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 04:52	
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 20:40
	4-6km SSE	Recorded	2	Explosion	Undetermined	N/K	2-Oct, 20:41
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km ENE	Recorded	10	Projectile	In vertical flight	N/K	2-Oct, 19:18
	3-5km ENE	Recorded	10	Projectile	In vertical flight	N/K	2-Oct, 19:19
	2-3km E	Recorded	2	Projectile	WSW to ENE	N/K	2-Oct, 19:55
	2-3km ENE	Recorded	1	Projectile	N to S	N/K	2-Oct, 21:47
	2-3km ENE	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 21:49
	2-3km E	Recorded	2	Projectile	WNW to ESE	N/K	2-Oct, 21:55
	2-3km E	Recorded	1	Projectile	N to S	N/K	2-Oct, 21:55
	2-3km ENE	Recorded	3	Projectile	N to S	N/K	2-Oct, 21:58
	2-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	2-Oct, 21:58
	2-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	2-Oct, 23:00
	2-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	2-Oct, 23:15
	2-3km ENE	Recorded	22	Projectile	NNW to SSE	N/K	2-Oct, 23:19
	2-3km ENE	Recorded	7	Projectile	NNW to SSE	N/K	2-Oct, 23:20
	2-3km ENE	Recorded	1	Projectile	S to N	N/K	2-Oct, 23:21
	2-3km ENE	Recorded	2	Projectile	NNW to SSE	N/K	3-Oct, 00:07
	2-3km E	Recorded	10	Projectile	N to S	N/K	3-Oct, 00:12
	2-3km ENE	Recorded	12	Projectile	NNW to SSE	N/K	3-Oct, 00:53
2-3km ENE	Recorded	7	Projectile	N to S	N/K	3-Oct, 04:14	
2-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	3-Oct, 05:38	
2-3km ENE	Recorded	7	Projectile	NNW to SSE	N/K	3-Oct, 05:39	
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	3	Projectile	W to E	N/K	2-Oct, 18:34
	2-4km NNE	Recorded	2	Explosion	Airburst, subsequent to previous event	N/K	2-Oct, 18:34
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	2-Oct, 18:35
	2-4km NNE	Recorded	15	Projectile	W to E	N/K	2-Oct, 19:04
	2-4km NNE	Recorded	14	Projectile	W to E	N/K	2-Oct, 19:05
	2-4km NE	Recorded	3	Projectile	W to E	N/K	2-Oct, 19:06
	2-4km NNE	Recorded	2	Projectile	SE to NW	N/K	2-Oct, 19:10
	2-4km NNE	Recorded	29	Projectile	W to E	N/K	2-Oct, 19:22
	2-4km NNE	Recorded	31	Projectile	W to E	N/K	2-Oct, 19:24
	2-4km NNE	Recorded	30	Projectile	W to E	N/K	2-Oct, 19:25
	2-4km NNE	Recorded	26	Projectile	W to E	N/K	2-Oct, 19:26
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:27
	2-4km NNE	Recorded	20	Projectile	W to E	N/K	2-Oct, 19:28
2-4km NNE	Recorded	57	Projectile	W to E	N/K	2-Oct, 19:50	
2-4km NNE	Recorded	2	Explosion	Impact, subsequent to previous event.	N/K	2-Oct, 19:50	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	2-Oct, 19:51
	2-4km NNE	Recorded	13	Projectile	W to E	N/K	2-Oct, 19:52
	2-4km NNE	Recorded	30	Projectile	W to E	N/K	2-Oct, 19:53
	2-4km NNE	Recorded	14	Projectile	W to E	N/K	2-Oct, 19:55
	2-4km NNE	Recorded	12	Projectile	W to E	N/K	2-Oct, 19:56
	2-4km NNE	Recorded	17	Projectile	W to E	N/K	2-Oct, 19:57
	2-4km NNE	Recorded	4	Muzzle flash		N/K	2-Oct, 19:57
	2-4km NNE	Recorded	6	Projectile	W to E	N/K	2-Oct, 20:07
	2-4km NNE	Recorded	5	Projectile	W to E	N/K	2-Oct, 20:08
	2-4km NNE	Recorded	1	Muzzle flash		N/K	2-Oct, 20:08
	2-4km NNE	Recorded	13	Projectile	W to E	N/K	2-Oct, 20:09
	2-4km NNE	Recorded	11	Projectile	W to E	N/K	2-Oct, 20:10
	2-4km NNE	Recorded	1	Muzzle flash		N/K	2-Oct, 20:10
	2-4km NNE	Recorded	7	Projectile	W to E	N/K	2-Oct, 20:11
	2-4km NNE	Recorded	43	Projectile	W to E	N/K	2-Oct, 20:20
	2-4km NNE	Recorded	23	Projectile	W to E	N/K	2-Oct, 20:21
	2-4km NNE	Recorded	11	Projectile	W to E	N/K	2-Oct, 20:33
	2-4km NNE	Recorded	28	Projectile	W to E	N/K	2-Oct, 20:34
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	2-Oct, 20:36
	2-4km NNE	Recorded	42	Projectile	W to E	N/K	2-Oct, 20:37
	2-4km NNE	Recorded	6	Explosion	Airburst, subsequent to previous event	N/K	2-Oct, 20:37
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	2-Oct, 22:58
2-4km NNE	Recorded	2	Projectile	W to E	N/K	3-Oct, 02:07	
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:04
	3-5km S	Recorded	6	Projectile	W to E	N/K	2-Oct, 19:05
	3-5km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:06
	3-5km S	Recorded	1	Projectile	W to E	N/K	2-Oct, 19:07
	3-5km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 19:09
	3-5km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 19:10
	3-5km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:13
	3-5km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:14
	3-5km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 19:15
	3-5km S	Recorded	8	Projectile	W to E	N/K	2-Oct, 19:16
	3-5km S	Recorded	10	Projectile	W to E	N/K	2-Oct, 19:17
	3-5km S	Recorded	2	Burst	In vertical flight, approximately 100 rounds	N/K	2-Oct, 19:17
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 19:17
	3-5km S	Recorded	4	Projectile	W to E	N/K	2-Oct, 19:18
	3-5km S	Recorded	1	Burst	In vertical flight, approximately 30 rounds	N/K	2-Oct, 19:18
	3-5km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 19:19
	3-5km S	Recorded	2	Burst	In vertical flight, approximately 30 rounds	N/K	2-Oct, 19:19
	3-5km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 19:23
	4-6km S	Recorded	5	Projectile	W to E	N/K	2-Oct, 20:12
	4-6km S	Recorded	10	Projectile	E to W	N/K	2-Oct, 20:58
	4-6km S	Recorded	4	Projectile	E to W	N/K	2-Oct, 21:13
	4-6km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 21:13
	4-6km S	Recorded	1	Projectile	W to E	N/K	2-Oct, 21:17
	4-6km S	Recorded	8	Projectile	E to W	N/K	2-Oct, 21:26
	4-6km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 22:04
	4-6km S	Recorded	1	Projectile	In vertical flight	N/K	2-Oct, 22:05
	4-6km S	Recorded	2	Projectile	W to E	N/K	2-Oct, 22:05
	4-6km S	Recorded	2	Projectile	E to W	N/K	2-Oct, 22:17
	4-6km S	Recorded	8	Projectile	E to W	N/K	2-Oct, 22:18
	4-6km S	Recorded	10	Projectile	W to E	N/K	2-Oct, 22:20
	4-6km S	Recorded	1	Projectile	W to E	N/K	2-Oct, 22:29
	4-6km S	Recorded	2	Projectile	E to W	N/K	2-Oct, 22:35
	4-6km S	Recorded	1	Projectile	E to W	N/K	2-Oct, 22:37
	4-6km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 22:37
	4-6km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 22:39
	4-6km S	Recorded	1	Projectile	E to W	N/K	2-Oct, 22:39

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-6km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 22:41
	4-6km S	Recorded	1	Projectile	E to W	N/K	2-Oct, 22:41
	4-6km S	Recorded	3	Projectile	W to E	N/K	2-Oct, 22:42
	4-6km S	Recorded	1	Projectile	W to E	N/K	2-Oct, 22:46
	4-6km SSE	Recorded	2	Projectile	E to W	N/K	2-Oct, 22:57
	4-6km S	Recorded	12	Projectile	E to W	N/K	2-Oct, 23:03
	4-6km S	Recorded	3	Projectile	E to W	N/K	2-Oct, 23:05
	4-6km SSE	Recorded	8	Projectile	W to E	N/K	2-Oct, 23:41
	4-6km S	Recorded	1	Projectile	W to E	N/K	2-Oct, 23:43
	6-8km S	Recorded	1	Explosion	Also recorded by Lomakyne camera	N/K	2-Oct, 23:49
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	2-Oct, 23:50
	4-6km S	Recorded	2	Projectile	E to W	N/K	3-Oct, 00:05
	4-6km S	Recorded	4	Projectile	W to E	N/K	3-Oct, 00:05
	4-6km S	Recorded	2	Projectile	W to E	N/K	3-Oct, 00:06
	4-6km S	Recorded	2	Projectile	E to W	N/K	3-Oct, 00:06
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:07
	4-6km S	Recorded	1	Burst	E to W (approximately 30 rounds)	N/K	3-Oct, 00:17
	4-6km S	Recorded	10	Projectile	W to E	N/K	3-Oct, 00:29
	4-6km S	Recorded	1	Projectile	In vertical flight	N/K	3-Oct, 00:39
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 00:43
	4-6km S	Recorded	3	Projectile	E to W	N/K	3-Oct, 00:46
	4-6km S	Recorded	12	Projectile	W to E	N/K	3-Oct, 01:21
	4-6km S	Recorded	1	Projectile	E to W	N/K	3-Oct, 01:34
	4-6km SSE	Recorded	1	Projectile	W to E	N/K	3-Oct, 01:37
	8-10km S	Recorded	1	Illumination flare	Also recorded by Chermalyk and Lomakyne cameras	N/K	3-Oct, 01:49
	4-6km S	Recorded	4	Projectile	W to E	N/K	3-Oct, 01:58
	4-6km S	Recorded	20	Projectile	W to E	N/K	3-Oct, 01:59
	4-6km S	Recorded	1	Projectile	W to E	N/K	3-Oct, 02:02
	4-6km S	Recorded	1	Projectile	NW to SE	N/K	3-Oct, 02:57
	4-6km S	Recorded	2	Projectile	W to E	N/K	3-Oct, 03:31
	4-6km S	Recorded	2	Projectile	In vertical flight	N/K	3-Oct, 03:32
	7-9km SSE	Recorded	1	Explosion	Also recorded by Chermalyk camera	N/K	3-Oct, 03:49
	2-3km ENE	Recorded	Uncountable	Projectile	N to S	N/K	3-Oct, 04:14
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Oct, 04:22
4-6km S	Recorded	1	Projectile	NNE to SSW	N/K	3-Oct, 05:03	
2-4km S	Recorded	1	Explosion	Also recorded by Hnutove camera	N/K	3-Oct, 05:09	
4-6km S	Recorded	3	Projectile	E to W	N/K	3-Oct, 05:34	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ESE	Recorded	7	Projectile	In vertical flight	N/K	2-Oct, 19:06
	4-6km ESE	Recorded	1	Projectile	N to S	N/K	2-Oct, 21:17
	4-6km ESE	Recorded	1	Projectile	S to N	N/K	2-Oct, 21:17
	4-6km ESE	Recorded	1	Muzzle flash		N/K	2-Oct, 21:17
	4-6km S	Recorded	1	Illumination flare	In vertical flight	N/K	2-Oct, 22:57
	4-6km ESE	Recorded	10	Projectile	S to N	N/K	3-Oct, 01:38
Trudivski area (non-government-controlled, 15km SW of Donetsk city center)	200-300m N	Heard	2	Explosion	Undetermined	N/K	3-Oct, 11:20
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	2-4km NNW	Heard	1	Explosion	Undetermined	N/K	3-Oct, 10:35
Krasnohorivka (government-controlled, 21km W of Donetsk)	2km E	Heard	1	Explosion	Undetermined	N/K	3-Oct, 10:31
	2km SE	Heard	2	Explosion	Undetermined	N/K	3-Oct, 10:36
	3-4km E	Heard	1	Explosion	Undetermined	N/K	3-Oct, 11:21
Marinka (government controlled, 23km SW of Donetsk)	1km E	Heard	64	Burst		HMG	3-Oct, 12:41-12:45

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	1-2km SSW	Heard	10	Shot		Small arms	3-Oct, 11:20
	1-2km SSW	Heard	2	Burst		Small arms	3-Oct, 11:20
	3-4km WNW	Heard	6	Shot		HMG	3-Oct, 11:34
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	2	Burst		Small arms	3-Oct, 09:45
	2-3km WSW	Heard	5	Shot		Small arms	3-Oct, 10:10
	2-3km SW	Heard	10	Burst		HMG	3-Oct, 12:54-12:57
	2-3km SW	Heard	7	Shot		Small arms	3-Oct, 12:54-12:57
	3km SW	Heard	4	Burst		HMG	3-Oct, 13:00
	3km SW	Heard	1	Explosion	Undetermined	N/K	3-Oct, 13:00
About 1.7km E of Avdiivka (government-controlled, 17km N of Donetsk)	1.5-3km ENE	Heard	25	Explosion	Undetermined	N/K	3-Oct, 11:12-11:17
	1.5-3km ENE	Heard	3	Burst		HMG	3-Oct, 11:12-11:17
	1.5-3km ENE	Heard	3	Burst		Small arms	3-Oct, 11:12-11:17
	2-3km SSE	Heard	7	Burst		HMG	3-Oct, 11:18
	2-3km SSE	Heard	12	Shot		Small arms	3-Oct, 11:18
	2-3km SE	Heard	6	Burst		HMG	3-Oct, 11:20-11:22
	1.5-3km ENE	Heard	18	Shot		Small arms	3-Oct, 11:35
	1.5-3km ENE	Heard	2	Burst		HMG	3-Oct, 11:35
	2-3km SSE	Heard	2	Burst		HMG	3-Oct, 12:50
	1-2km S	Heard	200	Shot	Assessed as constantly shooting (single shots) from SALW	Small arms	3-Oct, 13:50-14:20
	1-2km S	Heard	48	Shot		Small arms	3-Oct, 14:45-15:10
1-2km S	Heard	4	Burst		Small arms	3-Oct, 14:45-15:10	
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-4km SE	Heard	3	Explosion	Undetermined	N/K	3-Oct, 10:38-10:39
	2km SE	Heard	2	Explosion	Undetermined	N/K	3-Oct, 10:47-10:48
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	3-Oct, 10:52-10:57
	2-3km SSE	Heard	2	Shot		Small arms	3-Oct, 10:52-10:57
	2-3km SSE	Heard	7	Burst		Small arms	3-Oct, 10:52-10:57
Pervomaiske (government-controlled, 89km SW of Donetsk)	2-4km SE	Heard	Uncountable	Burst	Assessed as uncountable bursts of BMP2 or ZU-23	N/K	3-Oct, 11:00-11:22
Novohnativka (government-controlled, 40km south of Donetsk)	N/K NE	Heard	3	Burst	Assessed as possible training range	HMG	3-Oct, 11:25
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	10	Explosion	Undetermined	N/K	2-Oct, 18:32-18:49
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	2-Oct, 20:28-20:38
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	2-Oct, 20:50-20:52
	3-5km SE	Heard	4	Burst		HMG	2-Oct, 20:52-20:54
	1-3km SSE	Heard	2	Shot		Small arms	2-Oct, 20:58
	3-5km SE	Heard	6	Burst		HMG	2-Oct, 21:10
	3-5km SE	Heard	4	Shot		HMG	2-Oct, 21:13
	3-5km SSE	Heard	6	Explosion	Undetermined	N/K	2-Oct, 21:13
	3-5km SSE	Heard	Uncountable		uncountable overlapping sequence	HMG	2-Oct, 21:14
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	2-Oct, 21:17
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	2-Oct, 21:20-21:21

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	5-7km SW	Heard	7	Explosion	Undetermined	N/K	2-Oct, 21:23-21:29
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	2-Oct, 21:31-21:33
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 21:35
	5-7km SW	Heard	Uncountable		uncountable overlapping sequence	Small arms	2-Oct, 21:36
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 21:44-21:46
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 21:50
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 21:54
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 21:56
	5-7km SW	Heard	7	Explosion	Undetermined	N/K	2-Oct, 22:00-22:05
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 22:11
	2-4km SW	Heard	5	Shot		HMG	2-Oct, 22:11-22:12
	5-7km SW	Heard	5	Explosion	Undetermined	N/K	2-Oct, 22:13
	3-5km SW	Heard	8	Burst		HMG	2-Oct, 22:18-22:21
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	2-Oct, 22:26
	3-5km SW	Heard	3	Burst		HMG	2-Oct, 22:26
	3-5km SW	Heard	8	Burst		HMG	2-Oct, 22:48
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Oct, 22:50
	1-3km SE	Heard	2	Shot		Small arms	2-Oct, 22:55
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	2-Oct, 22:58
	3-5km SW	Heard	5	Burst		HMG	2-Oct, 22:59
	1-3km SW	Heard	5	Shot		Small arms	2-Oct, 23:00
	5-7km SW	Heard	3	Explosion	Undetermined	N/K	2-Oct, 23:01
	3-5km SE	Heard	1	Explosion		N/K	2-Oct, 23:07
3-5km SE	Heard	8	Burst		HMG	2-Oct, 23:08	
3-5km SE	Heard	2	Explosion	Undetermined	N/K	2-Oct, 23:08	
5-7km SW	Heard	1	Explosion	Undetermined	N/K	2-Oct, 23:42	
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NW	Heard	10	Explosion	Undetermined	N/K	3-Oct, 09:15-09:18
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	3-Oct, 09:20
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	3-Oct, 09:30
	1-2km NE	Heard	5	Burst		HMG	3-Oct, 09:37
	4-5km SSW	Heard	1	Explosion	Undetermined	N/K	3-Oct, 10:35
	4-5km SW	Heard	3	Explosion	Undetermined	N/K	3-Oct, 10:42
	1-2km SSE	Heard	12	Explosion	Undetermined	N/K	3-Oct, 11:13
	1-2km ESE	Heard	5	Burst		HMG	3-Oct, 11:14
	1-2km ESE	Heard	18	Explosion	Undetermined	N/K	3-Oct, 11:15
1-2km ESE	Heard	8	Burst		HMG	3-Oct, 11:34	
Horlivka (non-government-controlled, 39km NE of Donetsk)	500m SW	Heard	15	Shot		Small arms	3-Oct, 12:54-12:56
	500m SW	Heard	5	Burst		Small arms	3-Oct, 12:54-12:56
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-2km SE	Recorded	1	Illumination flare	In vertical flight, unable to assess whether inside or outside the disengagement area	N/K	2-Oct, 18:53
	3-5km SSW	Recorded	38	Projectile	In vertical flight, unable to assess whether inside or outside the disengagement area	N/K	2-Oct, 19:18
	3-5km SSW	Recorded	1	Explosion	Undetermined, unable to assess whether inside or outside the disengagement area	N/K	2-Oct, 19:18
	1-2km SE	Recorded	1	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	2-Oct, 19:19
	1-2km SSE	Recorded	1	Projectile	SSW to NNE (unable to assess whether inside or outside the	N/K	2-Oct, 19:19

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
					disengagement area)		
	1-2km SE	Recorded	6	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	2-Oct, 19:20
	1-2km SE	Recorded	3	Projectile	N to S (unable to assess whether inside or outside the disengagement area)	N/K	2-Oct, 19:26
	1-2km SE	Recorded	8	Projectile	N to S (unable to assess whether inside or outside the disengagement area)	N/K	2-Oct, 19:27
	2-3km SE	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	2-Oct, 20:24
	2-3km SE	Recorded	1	Explosion	Assessed as inside the disengagement area	N/K	2-Oct, 20:24
	1-3km E	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	2-Oct, 22:00
	1-3km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	2-Oct, 22:17
	1-3km E	Recorded	1	Explosion	Impact, subsequent to previous event, assessed as outside the disengagement area	N/K	2-Oct, 22:17
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-3km SW	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	2-Oct, 19:00-19:13
	2-3km SW	Heard	2	Explosion	Undetermined (Assessed as outside the disengagement area)	N/K	2-Oct, 19:00-19:13
Stanytsia Luhanska bridge (15km north of Luhansk)	0.15-1km SSE	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	3-Oct, 16:07
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-5km ESE	Heard	10	Burst		HMG	2-Oct, 23:15
0.5km N of Orikhove (government-controlled, 57km NW of Luhansk)	3-4km S	Heard	1	Explosion	Undetermined	N/K	3-Oct, 11:17
	3-4km S	Heard	1	Explosion	Undetermined	N/K	3-Oct, 11:52
	3-4km NE	Heard	1	Explosion	Undetermined	N/K	3-Oct, 11:54