

Table of ceasefire violations as of 15 October 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time	
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 22:09	
	2-4km SSE	Recorded	6	Explosion	Undetermined	N/K	13-Oct, 22:10	
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	13-Oct, 22:11	
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	13-Oct, 23:12	
	3-5km SSE	Recorded	2	Projectile	SW to NE	N/K	14-Oct, 04:16	
	3-5km SSE	Recorded	4	Muzzle flash		N/K	14-Oct, 04:16	
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 04:53	
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	13-Oct, 20:30	
	2-3km SE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 20:38	
	2-3km S	Recorded	4	Projectile	WNW to ESE	N/K	13-Oct, 20:44	
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	13-Oct, 21:31	
	2-3km S	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 21:36	
	2-3km SE	Recorded	6	Projectile	In vertical flight	N/K	13-Oct, 21:41	
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 22:16	
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 22:17	
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 22:39	
	1-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 22:43	
	1-3km S	Recorded	1	Burst	WNW to ESE (approximately 30 rounds)	N/K	13-Oct, 22:44	
	6-8km SSE	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 23:01	
	3-4km SE	Recorded	1	Explosion	Undetermined		13-Oct, 23:01	
	6-8km SSE	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 23:04	
	6-8km SSE	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 23:05	
	2-4km SE	Recorded	12	Projectile	NNE to SSW	N/K	13-Oct, 23:26	
	2-4km SE	Recorded	8	Projectile	NNE to SSW	N/K	13-Oct, 23:27	
	2-4km SE	Recorded	15	Projectile	NNE to SSW	N/K	13-Oct, 23:47	
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	14-Oct, 02:32	
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Oct, 04:01	
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Oct, 04:02	
	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	14-Oct, 05:11	
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Oct, 05:11	
	3-5km SE	Recorded	5	Projectile	WSW to ENE	N/K	14-Oct, 05:12	
	3-5km SE	Recorded	4	Projectile	WSW to ENE	N/K	14-Oct, 05:37	
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-500m SSW	Recorded	1	Projectile	W to E	N/K	13-Oct, 20:11
		300-500m SSW	Recorded	3	Projectile	W to E	N/K	13-Oct, 20:15
		1-2km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Oct, 20:31
2-3km SSW		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 21:16	
0.9-1.2km SSE		Recorded	1	Explosion	Impact	N/K	13-Oct, 21:16	
2-3km SSW		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 21:17	
0.9-1.2km SSE		Recorded	1	Explosion	Impact	N/K	13-Oct, 21:17	
0.9-1.2km S		Recorded	8	Explosion	Impact	N/K	13-Oct, 21:18	
100-300m W		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 22:09	
0.9-1.2km S	Recorded	11	Explosion	Impact	N/K	13-Oct, 22:40		
SMM camera 1.5km NE of Hnutove (government-controlled,	3-5km ESE	Recorded	2	Projectile	S to N	N/K	13-Oct, 22:42	
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	13-Oct, 22:42	
	3-5km E	Recorded	1	Projectile	NE to SW	N/K	13-Oct, 22:51	
	3-5km ESE	Recorded	13	Projectile	NE to SW	N/K	13-Oct, 22:59	
	3-5km ESE	Recorded	6	Projectile	NE to SW	N/K	13-Oct, 23:00	

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
90km S of Donetsk)	3-5km ESE	Recorded	7	Projectile	NE to SW	N/K	13-Oct, 23:01
	3-5km ESE	Recorded	5	Projectile	NE to SW	N/K	13-Oct, 23:02
	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	13-Oct, 23:04
	3-5km ESE	Recorded	1	Burst	S to N (approximately 5 rounds)	N/K	14-Oct, 02:17
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	14-Oct, 02:18
	4-6km ENE	Recorded	1	Projectile	WSW to ENE (also recorded by the SMM camera in Chermalyk)	N/K	14-Oct, 04:02
	4-6km ENE	Recorded		Projectile	Uncountable	N/K	14-Oct, 04:02
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	9	Projectile	N to S	N/K	13-Oct, 20:07
	2-4km E	Recorded	1	Explosion	Airburst	N/K	13-Oct, 22:10
	2-4km E	Recorded	30	Explosion	Undetermined	N/K	13-Oct, 22:30
	1-3km E	Recorded	8	Projectile	NNW to SSE	N/K	13-Oct, 22:36
	1-3km E	Recorded	4	Projectile	NNW to SSE	N/K	13-Oct, 22:37
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	7	Projectile	W to E	N/K	13-Oct, 18:42
	4-8km S	Recorded	2	Projectile	NW to SE	N/K	13-Oct, 21:27
	4-8km SSE	Recorded	5	Projectile	E to W	N/K	13-Oct, 21:32
	4-8km SSE	Recorded	8	Projectile	E to W	N/K	13-Oct, 22:33
	4-8km SSE	Recorded	2	Projectile	E to W	N/K	13-Oct, 22:34
	4-8km SSE	Recorded	19	Projectile	E to W	N/K	13-Oct, 22:35
	4-8km SSE	Recorded	1	Projectile	E to W	N/K	13-Oct, 22:36
	4-8km S	Recorded	5	Projectile	E to W	N/K	13-Oct, 23:22
	4-8km S	Recorded	1	Illumination flare	In vertical flight	N/K	14-Oct, 02:53
	4-8km S	Recorded	1	Burst	W to E (approximately 10 rounds)	N/K	14-Oct, 03:20
	4-8km S	Recorded	2	Projectile	ESE to WNW	N/K	14-Oct, 03:20
	4-8km S	Recorded	8	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	14-Oct, 03:33
	4-8km S	Recorded	10	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	14-Oct, 03:34
	4-8km SSE	Recorded	2	Projectile	ENE to WSW	N/K	14-Oct, 03:34
	4-8km S	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 04:18
	4-8km S	Recorded	7	Projectile	W to E	N/K	14-Oct, 04:23
	SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-5km N	Recorded	5	Projectile	W to E	N/K
2-5km N		Recorded	1	Projectile	W to E	N/K	12-Oct, 19:51
2-5km N		Recorded	6	Projectile	W to E	N/K	12-Oct, 19:53
2-5km N		Recorded	5	Projectile	W to E	N/K	12-Oct, 19:54
2-5km N		Recorded	9	Projectile	W to E	N/K	12-Oct, 19:55
2-5km N		Recorded	7	Projectile	W to E	N/K	12-Oct, 19:56
2-5km N		Recorded	5	Projectile	W to E	N/K	12-Oct, 19:57
2-4km N		Recorded	7	Projectile	WSW to ENE	N/K	13-Oct, 18:42
2-4km N		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 18:44
2-4km N		Recorded	10	Projectile	WSW to ENE	N/K	13-Oct, 18:44
2-4km N		Recorded	2	Explosion	Undetermined	N/K	13-Oct, 18:47
2-4km N		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 18:54
2-4km N		Recorded	1	Explosion	Undetermined	N/K	13-Oct, 19:00
3-5km N		Recorded	1	Explosion	Airburst	N/K	13-Oct, 19:07
500-800m NNE		Recorded	1	Explosion	Airburst	N/K	13-Oct, 19:25
400-600m NNE		Recorded	1	Muzzle flash		N/K	13-Oct, 19:33
2-4km N		Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 19:33
4-6km N		Recorded	2	Projectile	WSW to ENE	N/K	13-Oct, 20:02
4-6km N		Recorded	3	Projectile	WSW to ENE	N/K	13-Oct, 20:03
4-6km N		Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 20:04
4-6km N		Recorded	2	Projectile	WSW to ENE	N/K	13-Oct, 20:05
5-8km NE		Recorded	1	Explosion	Airburst	N/K	13-Oct, 20:06

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-6km NNE	Recorded	2	Projectile	NE to SW	N/K	13-Oct, 20:06
	3-5km NNE	Recorded	10	Projectile	WNW to ESE	N/K	13-Oct, 20:06
	3-5km NNE	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 20:07
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 20:16
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 20:17
	3-5km N	Recorded	1	Muzzle flash		N/K	13-Oct, 20:20
	3-5km N	Recorded	1	Muzzle flash		N/K	13-Oct, 20:21
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 20:22
	4-6km NNE	Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 20:28
	5-8km NNE	Recorded	1	Explosion	Airburst	N/K	13-Oct, 20:49
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 20:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 20:55
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 21:06
	4-6km NNE	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 21:07
	5-8km NNE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 21:09
	4-6km N	Recorded	1	Muzzle flash		N/K	13-Oct, 21:15
	4-6km N	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 21:15
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	13-Oct, 21:16
	4-6km N	Recorded	1	Muzzle flash		N/K	13-Oct, 21:17
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	13-Oct, 21:17
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	13-Oct, 21:17
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	13-Oct, 21:18
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 21:26
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 21:31
	4-6km N	Recorded	10	Projectile	SSW to NNE	N/K	13-Oct, 21:39
	4-6km NE	Recorded	1	Muzzle flash		N/K	13-Oct, 21:47
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	13-Oct, 21:48
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	13-Oct, 21:49
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 21:50
	4-6km N	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 21:54
	4-6km N	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 21:55
	4-6km N	Recorded	6	Projectile	WSW to ENE	N/K	13-Oct, 21:56
	3-5km NNE	Recorded	1	Muzzle flash		N/K	13-Oct, 22:02
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 22:03
	3-5km NNE	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 22:03
	3-5km NNE	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 22:07
	4-6km N	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 22:43
	4-6km N	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 22:44
	4-6km N	Recorded	4	Projectile	WNW to ESE	N/K	13-Oct, 22:58
	4-6km N	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 23:04
	4-6km NNE	Recorded	6	Muzzle flash		N/K	13-Oct, 23:07
	4-6km N	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 23:07
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	13-Oct, 23:23
	4-6km N	Recorded	2	Projectile	WNW to ESE	N/K	13-Oct, 23:29
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	13-Oct, 23:30
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 23:49
	4-6km N	Recorded	5	Projectile	ESE to WNW	N/K	13-Oct, 23:51
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	13-Oct, 23:52
	3-5km NNE	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 23:53
	4-6km NNE	Recorded	1	Projectile	WNW to ESE	N/K	13-Oct, 23:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Oct, 23:55
	4-6km N	Recorded	3	Projectile	SSE to NNW	N/K	13-Oct, 23:56
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	13-Oct, 23:57
	3-5km NNE	Recorded	2	Muzzle flash		N/K	13-Oct, 23:57
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	13-Oct, 23:57
	3-5km NE	Recorded	1	Muzzle flash		N/K	13-Oct, 23:57
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 00:04
	4-6km N	Recorded	2	Projectile	SSE to NNW	N/K	14-Oct, 00:08
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 00:09
	4-6km N	Recorded	5	Projectile	SSE to NNW	N/K	14-Oct, 00:09

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 00:12
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	14-Oct, 01:24
	4-6km N	Recorded	3	Projectile	ESE to WNW	N/K	14-Oct, 01:25
	4-6km NNE	Recorded	1	Projectile	WNW to ESE	N/K	14-Oct, 04:01
	4-6km N	Recorded	1	Projectile	NE to SW	N/K	14-Oct, 04:01
	4-6km N	Recorded	2	Projectile	NE to SW	N/K	14-Oct, 04:03
	4-6km NNE	Recorded	1	Projectile	WNW to ESE	N/K	14-Oct, 04:29
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	14-Oct, 04:46
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	14-Oct, 05:29
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	14-Oct, 05:30
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 05:30
	4-6km N	Recorded	2	Projectile	SSE to NNW	N/K	14-Oct, 05:43
	SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km E	Recorded	1	Projectile	N to S	N/K
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3km ESE	Heard	1	Explosion	Undetermined	N/K	14-Oct, 10:48
About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	1-2km NW	Heard and saw	1	Airburst	Undetermined	N/K	14-Oct, 13:29
	1-2km NW	Heard and saw	2	Airburst	Undetermined	N/K	14-Oct, 13:36
	2-3km NW	Heard	3	Explosion	Undetermined	N/K	14-Oct, 13:40-13:43
NW part of Dokuchaievsk (non-government-controlled 30km SW of Donetsk)	2-3km SW	Heard	1	Burst		HMG	14-Oct, 13:57
About 800m NW of Petrivske (non-government-controlled, 41km S of Donetsk)	5-6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 09:34
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km W	Heard	3	Burst	Assessed as outside the disengagement area	HMG	14-Oct, 10:19
	3-4km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 10:19
	3-4km W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 10:41
	3-4km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 10:43-10:45
	3-4km W	Heard	5	Burst	Assessed as outside the disengagement area	HMG	14-Oct, 10:47
	2km W	Heard	12	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 10:51-10:55

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2km W	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:02-11:04
	3-4km W	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:10-11:13
	3-4km W	Heard	11	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:16-11:22
	2-3km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:23
	2-3km SE	Heard	4	Burst	Assessed as outside the disengagement area	HMG	14-Oct, 11:35-11:37
	1-2km S	Heard	2	Burst	Assessed as outside the disengagement area	HMG	14-Oct, 11:38
	1-2km S	Heard	1	Shot	Assessed as outside the disengagement area	HMG	14-Oct, 11:38
	2-3km W	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:41-11:42
	1-2km S	Heard	15	Burst	Assessed as outside the disengagement area	HMG	14-Oct, 11:48-11:51
	3-4km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 11:48-11:51
	2-3km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 12:03
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km SW	Heard	4	Burst	Unable to assess whether inside or outside the disengagement area	Small arms	14-Oct, 13:15
	2-3km WNW	Heard	4	Burst	Assessed as outside the disengagement area	Small arms	14-Oct, 13:30
	3-4km SW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	14-Oct, 13:30
	3-4km W	Heard		Burst	Uncountable (assessed as outside the disengagement area)	Small arms	14-Oct, 13:30
	3-4km W	Heard	1	Explosion	Undetermined	N/K	14-Oct, 13:35
	4-5km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 14:48
	4-5km W	Heard	1	Explosion	Undetermined	N/K	14-Oct, 15:00
	4-5km W	Heard	1	Explosion	Undetermined	N/K	14-Oct, 15:27
About 1km E of Kruta Balka (non-government-controlled,	2km NW	Heard	1	Explosion	Undetermined	N/K	14-Oct, 10:48
	1-2km W	Heard	2	Shot		Small arms	14-Oct, 10:50
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	14-Oct, 11:25
	4-5km SW	Heard	13	Burst		HMG	14-Oct, 11:25

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
16km N of Donetsk)							
3km NW of Bezimenne (non-government-controlled, 100km S of Donetsk)	2km NW	Heard	3	Shot		Small arms	14-Oct, 11:21
About 1km N of Zaichenko (non-government-controlled, 93km S of Donetsk)	2km S	Heard	8	Shot		Small arms	14-Oct, 12:00-12:25
Berezove (government-controlled, 31km SW of Donetsk)	1km E	Heard	1	Burst	Aimed at the SMM UAV	Small arms	14-Oct, 13:57
	1km E	Heard	5	Shot	Aimed at the SMM UAV	Small arms	14-Oct, 13:57
Novotroitske (government-controlled, 36km SW of Donetsk)	100-200m NNE	Heard	20	Shot	Aimed at the SMM UAV	Small arms	14-Oct, 12:25
	0.8-1km SE	Heard and saw	2	Explosion	Impact (black smoke was spotted)	N/K	14-Oct, 12:46-12:47
2km NE of Bohdanivka (government-controlled, 41km SW of Donetsk)	5-7km WNW	Heard	25	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 10:53-11:11
	2-3km NW	Heard	15	Burst	Assessed as outside the disengagement area	Small arms	14-Oct, 13:30
	3-4km NW	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 13:36
	3-4km NW	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 14:35-14:48
	3-4km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Oct, 15:27
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km NW	Heard	4	Burst		HMG	13-Oct, 18:40-18:43
	2-3km NW	Heard	6	Burst		HMG	13-Oct, 23:02
	2-3km NW	Heard	1	Burst		HMG	13-Oct, 23:16
	2-3km W	Heard	1	Burst		Cannon 30mm	13-Oct, 23:16
	2-3km W	Heard	4	Burst		HMG	13-Oct, 23:17
	3-5km W	Heard	3	Explosion	Undetermined	N/K	13-Oct, 23:26
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 23:33
	2-4km W	Heard	4	Burst		HMG	13-Oct, 23:33-23:35
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 23:36
	2-4km W	Heard	1	Explosion	Undetermined	N/K	14-Oct, 00:55
	4-5km NW	Heard	5	Explosion	Undetermined	N/K	14-Oct, 14:02
	3-4km NW	Heard	43	Burst		HMG	14-Oct, 14:11-14:14
	3-4km NW	Heard	12	Shot		Cannon 30mm	14-Oct, 14:15-14:17
3-4km NW	Heard	60	Shot		Small arms	14-Oct, 14:18-14:30	
3-4km NW	Heard	26	Burst		HMG	14-Oct, 14:32-14:35	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km NW	Heard	17	Explosion	Undetermined	N/K	14-Oct, 14:37-14:45
	2-3km WSW	Heard	5	Burst		HMG	14-Oct, 16:45
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	13-Oct, 18:44
	3-4km SE	Heard	3	Burst		HMG	13-Oct, 19:30
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	13-Oct, 19:38
	3-4km SE	Heard	4	Burst		HMG	13-Oct, 19:39
	3-4km SE	Heard	2	Burst		HMG	13-Oct, 19:45
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 19:51-19:54
	3-4km SE	Heard	3	Burst		HMG	13-Oct, 19:58
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 20:11-20:16
	3-4km SE	Heard	3	Burst		HMG	13-Oct, 20:35
	3-4km SE	Heard	5	Burst		HMG	13-Oct, 20:55
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 21:07
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	13-Oct, 21:20-21:22
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 21:48
	3-4km SE	Heard	2	Burst		HMG	13-Oct, 21:50
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 21:52
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 22:00
	3-4km SE	Heard	10	Explosion	Undetermined	N/K	13-Oct, 22:10
	3-4km SE	Heard	13	Burst		HMG	13-Oct, 22:12-22:13
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	13-Oct, 22:17-22:20
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 22:21
	3-4km SE	Heard	8	Explosion	Undetermined	N/K	13-Oct, 22:25-22:27
	3-4km SE	Heard	15	Explosion	Undetermined	N/K	13-Oct, 22:29-22:30
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 22:35
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 22:38
	3-4km SE	Heard	5	Burst		HMG	13-Oct, 22:40
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 22:45
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	13-Oct, 22:53
	3-4km SE	Heard	3	Burst		HMG	13-Oct, 22:53
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 23:15
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 23:32
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	13-Oct, 23:43
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	13-Oct, 23:48
	3-4km SE	Heard	5	Burst		HMG	13-Oct, 23:53
	3-4km SE	Heard	3	Burst		HMG	13-Oct, 23:55
	3-5km SW	Heard	5	Explosion	Undetermined	N/K	14-Oct, 10:26
3-5km WSW	Heard	2	Explosion	Undetermined	N/K	14-Oct, 10:32	
3-5km WSW	Heard	5	Explosion	Undetermined	N/K	14-Oct, 10:35	
3-5km WSW	Heard	7	Explosion	Undetermined	N/K	14-Oct, 11:17	
3-5km WSW	Heard	4	Explosion	Undetermined	N/K	14-Oct, 11:48	
3-5km SW	Heard	4	Explosion	Undetermined	N/K	14-Oct, 13:29	
3-5km SW	Heard	26	Burst		HMG	14-Oct, 14:47-14:52	
2km About SE of Luhanske (government-controlled, 59km E of Donetsk)	3-4km W	Heard	4	Burst		HMG	14-Oct, 10:32
	3-4km W	Heard	4	Burst		HMG	14-Oct, 10:34
	3-4km W	Heard	5	Burst		HMG	14-Oct, 10:39
	3-4km W	Heard	1	Explosion	Undetermined	N/K	14-Oct, 11:48
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	14-Oct, 13:33
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	14-Oct, 13:35
SMM camera on N edge of Popasna (government-	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 05:00
	4-6km SSW	Recorded	2	Projectile	WNW to ESE	N/K	14-Oct, 05:00
	4-6km SSW	Recorded	3	Explosion	Impact	N/K	14-Oct, 05:00

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
controlled, 69km W of Luhansk)							
SMM camera in Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	3-5km SW	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	13-Oct, 21:10
SMM camera in Zolote (government- controlled, 60km W of Luhansk)	4-6km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	13-Oct, 22:33
	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	14-Oct, 03:01
	4-6km SE	Recorded	1	Illumination flare	In vertical flight (unable to assess whether inside or outside the disengagement area)	N/K	14-Oct, 04:53
	3-5km ENE	Recorded	1	Explosion	Assessed as outside the disengagement area	N/K	14-Oct, 18:28
N edge of Popasna (government- controlled, 69km W of Luhansk)	4-8km SE	Heard	1	Explosion	Undetermined (Assessed as outside the disengagement area)	N/K	14-Oct, 18:05