

**Table of ceasefire violations as of 6 October 2019<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	4-Oct, 19:54
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	4-Oct, 19:53
	3-7km S	Recorded	1	Projectile	WSW to ENE	N/K	4-Oct, 21:44
	3-7km S	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 21:44
	3-7km SE	Recorded	5	Projectile	ENE to WSW	N/K	4-Oct, 23:47
	3-7km SE	Recorded	5	Projectile	ENE to WSW	N/K	5-Oct, 00:02
	3-7km SE	Recorded	4	Projectile	ENE to WSW	N/K	5-Oct, 01:04
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 21:40
	200-500m SW	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 21:40
	500-700m SSW	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 21:41
	200-700m SW	Recorded	4	Explosion	Undetermined	N/K	5-Oct, 01:13
	200-700m SW	Recorded	5	Explosion	Undetermined	N/K	5-Oct, 01:46
	200-700m SW	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 03:10
	200-700m SSW	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 03:10
	200-700m S	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 03:29
	200-700m SW	Recorded	6	Explosion	Undetermined	N/K	5-Oct, 03:30
	200-700m SE	Recorded	3	Explosion	Undetermined	N/K	5-Oct, 03:30
200-700m SW	Recorded	3	Explosion	Undetermined	N/K	5-Oct, 03:31	
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 22:35
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	4-Oct, 22:37
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 02:37
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	2	Projectile	N to S	N/K	4-Oct, 19:09
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 19:10
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	4-Oct, 19:23
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	W to E	N/K	4-Oct, 19:00
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	4-Oct, 19:01
	1-3km NNE	Recorded	11	Projectile	W to E	N/K	4-Oct, 19:03
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	4-Oct, 19:04
	1-3km NNE	Recorded	12	Projectile	W to E	N/K	4-Oct, 19:10
	1-3km NNE	Recorded	9	Projectile	W to E	N/K	4-Oct, 19:11
	1-3km NNE	Recorded	3	Projectile	W to E	N/K	4-Oct, 19:22
	1-3km NNE	Recorded	3	Projectile	W to E	N/K	4-Oct, 19:23
	1-3km NNE	Recorded	8	Projectile	W to E	N/K	4-Oct, 19:24
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	4-Oct, 19:25
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	4-Oct, 19:27
	2-5km NNE	Recorded	22	Projectile	W to E	N/K	4-Oct, 20:03
	2-5km NNE	Recorded	60	Projectile	W to E	N/K	4-Oct, 20:04
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:04

<sup>9</sup> 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.

	2-5km NNE	Recorded	67	Projectile	W to E	N/K	4-Oct, 20:05
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:05
	2-5km NNE	Recorded	85	Projectile	W to E	N/K	4-Oct, 20:06
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:06
	2-5km NNE	Recorded	59	Projectile	W to E	N/K	4-Oct, 20:07
	2-5km NNE	Recorded	3	Explosion	Undetermined	N/K	4-Oct, 20:07
	2-5km NNE	Recorded	38	Projectile	W to E	N/K	4-Oct, 20:08
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:08
	2-5km NNE	Recorded	31	Projectile	W to E	N/K	4-Oct, 20:09
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:09
	2-5km NNE	Recorded	37	Projectile	W to E	N/K	4-Oct, 20:10
	2-5km NNE	Recorded	48	Projectile	W to E	N/K	4-Oct, 20:11
	2-5km NNE	Recorded	3	Explosion	Undetermined	N/K	4-Oct, 20:11
	2-5km NNE	Recorded	42	Projectile	W to E	N/K	4-Oct, 20:12
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:12
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:13
	2-5km NNE	Recorded	50	Projectile	W to E	N/K	4-Oct, 20:13
	2-5km NNE	Recorded	44	Projectile	W to E	N/K	4-Oct, 20:14
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:15
	2-5km NNE	Recorded	29	Projectile	W to E	N/K	4-Oct, 20:15
	2-5km NNE	Recorded	10	Projectile	W to E	N/K	4-Oct, 20:16
	2-5km NNE	Recorded	49	Projectile	W to E	N/K	4-Oct, 20:17
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:17
	2-5km NNE	Recorded	61	Projectile	W to E	N/K	4-Oct, 20:18
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 20:18
	2-5km NNE	Recorded	95	Projectile	W to E	N/K	4-Oct, 20:19
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:19
	2-5km NNE	Recorded	58	Projectile	W to E	N/K	4-Oct, 20:20
	2-5km NNE	Recorded	3	Explosion	Undetermined	N/K	4-Oct, 20:20
	2-5km NNE	Recorded	4	Explosion	Undetermined	N/K	4-Oct, 20:21
	2-5km NNE	Recorded	71	Projectile	W to E	N/K	4-Oct, 20:21
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 20:46
	2-5km NNE	Recorded	3	Projectile	W to E	N/K	4-Oct, 20:46
	2-5km NNE	Recorded	9	Projectile	W to E	N/K	4-Oct, 20:47
	2-5km NNE	Recorded	5	Projectile	W to E	N/K	4-Oct, 20:50
	2-5km NNE	Recorded	1	Projectile	W to E	N/K	4-Oct, 20:51
	2-5km NNE	Recorded	2	Projectile	W to E	N/K	4-Oct, 20:52
	2-5km NNE	Recorded	34	Projectile	W to E	N/K	4-Oct, 20:58
	2-5km NNE	Recorded	4	Projectile	W to E	N/K	4-Oct, 21:03
	2-5km NNE	Recorded	1	Projectile	W to E	N/K	4-Oct, 21:11
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	5	Projectile	In vertical flight	N/K	4-Oct, 19:13
	3-5km S	Recorded	3	Projectile	In vertical flight	N/K	4-Oct, 19:20
	3-5km SSE	Recorded	4	Projectile	W to E	N/K	4-Oct, 20:19
	3-5km S	Recorded	9	Projectile	W to E	N/K	4-Oct, 21:14
	3-5km S	Recorded	1	Projectile	E to W	N/K	4-Oct, 21:15
	3-5km S	Recorded	3	Projectile	W to E	N/K	4-Oct, 21:15
	3-5km S	Recorded	4	Projectile	N to S	N/K	4-Oct, 21:16
	3-5km S	Recorded	11	Projectile	W to E	N/K	4-Oct, 21:16
	3-5km S	Recorded	3	Projectile	NE to SW	N/K	4-Oct, 21:17
	3-5km S	Recorded	1	Projectile	W to E	N/K	4-Oct, 21:17
	3-5km SSE	Recorded	15	Projectile	W to E	N/K	4-Oct, 21:23
	3-5km SSE	Recorded	1	Explosion	Airburst	N/K	4-Oct, 21:44
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	4-Oct, 21:45
	3-5km SSE	Recorded	12	Projectile	E to W	N/K	4-Oct, 22:06
	3-5km SSE	Recorded	6	Projectile	W to E	N/K	4-Oct, 22:08
	3-5km SSE	Recorded	6	Projectile	E to W	N/K	4-Oct, 22:09
	3-5km S	Recorded	2	Projectile	W to E	N/K	4-Oct, 22:09

	3-5km SSE	Recorded	10	Projectile	W to E	N/K	4-Oct, 22:15
	3-5km SSE	Recorded	16	Projectile	W to E	N/K	4-Oct, 22:16
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	4-Oct, 22:34
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 22:35
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	4-Oct, 22:36
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 22:36
	3-5km SSE	Recorded	1	Projectile	SSE to NNW	N/K	4-Oct, 22:37
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 22:37
	3-5km SSE	Recorded	8	Projectile	E to W	N/K	4-Oct, 22:45
	3-5km SSE	Recorded	8	Projectile	E to W	N/K	4-Oct, 22:45
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	4-Oct, 22:46
	3-5km SSE	Recorded	5	Projectile	WNW to ESE	N/K	4-Oct, 22:52
	3-5km SSE	Recorded	5	Projectile	WNW to ESE	N/K	4-Oct, 22:52
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	4-Oct, 22:53
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	4-Oct, 22:53
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	4-Oct, 23:08
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	4-Oct, 23:11
	3-5km SSE	Recorded	5	Projectile	N to S	N/K	4-Oct, 23:21
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	4-Oct, 23:53
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ENE	Recorded	1	Projectile	N to S	N/K	4-Oct, 19:45
	4-6km E	Recorded	1	Projectile	N to S	N/K	4-Oct, 19:51
	4-6km ESE	Recorded	1	Burst	S to N	N/K	4-Oct, 19:52
	4-6km ESE	Recorded	1	Projectile	S to N	N/K	4-Oct, 19:54
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	4-Oct, 19:57
	4-6km ESE	Recorded	1	Explosion	Airburst	N/K	5-Oct, 18:14
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:15
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:15
SW part of Avdiivka (government-controlled, 17km N of Donetsk)	1km SE	Heard	8	Burst		Small arms	5-Oct, 12:50
	1km SE	Heard	10	Shot		Small arms	5-Oct, 12:56
	2-4km ESE	Heard	2	Explosion	Undetermined	N/K	5-Oct, 13:54
	2-4km ESE	Heard	2	Explosion	Undetermined	N/K	5-Oct, 14:00
	2-4km ESE	Heard	2	Explosion	Undetermined	N/K	5-Oct, 14:30
About 3km SE of Donetsk city centre (non-government-controlled)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	5-Oct, 08:56
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 10:35
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	1-2km W	Heard	1	Explosion	Undetermined	N/K	5-Oct, 10:31
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2km SW	Heard		Shot	Uncountable, overlapping	Small arms	5-Oct, 09:56-10:01
	2km SW	Heard		Shot	Uncountable, overlapping	HMG	5-Oct, 09:56-10:01
	2km SW	Heard	217	Shot		Small arms	5-Oct, 10:03-10:11
	2km SW	Heard	83	Shot		HMG	5-Oct, 10:03-10:11
	2km SW	Heard	252	Shot		Small arms	5-Oct, 10:15-10:28
	2km SW	Heard	108	Shot		HMG	5-Oct, 10:15-10:28
	2km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 10:15-10:28
About 2km N of Petrivske (non-government-	3-4km N	Heard	1	Explosion	Undetermined	N/K	5-Oct, 11:59

controlled, 41km S of Donetsk)							
Styla (non-government-controlled, 34km S of Donetsk)	1-2km NE	Heard	11	Explosion	Undetermined	N/K	5-Oct, 11:35-11:45
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 10:32
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 11:10
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 14:00
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 14:04
	2-3km SW	Heard	7	Shot		Small arms	5-Oct, 14:20
Orlivske (government-controlled, 82km S of Donetsk)	2-3km SSE	Heard	4	Shot		Cannon 30mm	5-Oct, 11:50
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	5-Oct, 12:25
E part of Chermalyk (government-controlled, 77km S of Donetsk)	5km SSE	Heard	1	Explosion	Undetermined	N/K	5-Oct, 11:34
	2-3km S	Heard	2	Shot		Cannon (30mm)	5-Oct, 11:46
	2-3km S	Heard	5	Shot		Cannon (30mm)	5-Oct, 11:49
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	5-7km SSE	Heard	12	Explosion	Undetermined	N/K	5-Oct, 09:28-09:30
NE part of Lebedynske (government-controlled, 99km S of Donetsk)	3-4km NNE	Heard	101	Explosion	Undetermined	N/K	5-Oct, 09:57-10:05
	3-4km NNE	Heard		Burst	Uncountable, overlapping	Small arms	5-Oct, 09:57-10:05
Pavlopil (government-controlled, 84km S of Donetsk)	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	5-Oct, 12:27
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	5-Oct, 12:27
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km SSW	Heard	3	Burst		HMG	4-Oct, 20:20
	4-6km SSW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 20:20
	4-6km SSW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 20:23
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 20:24
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	4-Oct, 20:25
	4-6km SSW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 20:27
	4-6km SSW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 20:28-20:29
	3-4km W	Heard	12	Burst		HMG	4-Oct, 20:31
	4-6km SSW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 20:31-20:34
	4-6km SSW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 20:40-20:41
	4-6km SSW	Heard	3	Burst		HMG	4-Oct, 20:45
	4-6km SSW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 20:48
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 20:50
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 21:41
	4-6km SSW	Heard	2	Burst		HMG	4-Oct, 21:45
	4-6km SSW	Heard	2	Burst		HMG	4-Oct, 21:59
	4-6km SSW	Heard	5	Explosion	Undetermined	N/K	4-Oct, 22:00
	4-6km SSW	Heard	3	Burst		HMG	4-Oct, 22:34
	4-6km SSW	Heard	5	Burst		HMG	4-Oct, 23:00
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SW	Heard	7	Shot		Small arms	4-Oct, 18:31
	5-7km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 18:34
	5-7km SSW	Heard	5	Burst		HMG	4-Oct, 18:37

5-7km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 18:47
5-7km SSW	Heard	1	Burst		HMG	4-Oct, 18:52
3-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Oct, 19:20
3-5km SSW	Heard	7	Burst		HMG	4-Oct, 19:34
5-7km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 19:52
3-5km SSW	Heard	1	Explosion	Undetermined	N/K	4-Oct, 20:14
3-5km SSW	Heard	6	Shot		Small arms	4-Oct, 20:23
3-5km SSW	Heard	6	Explosion	Undetermined	N/K	4-Oct, 20:42-20:47
5-7km SW	Heard	1	Explosion	Undetermined	N/K	4-Oct, 21:15
3-5km SW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 21:23
3-5km SW	Heard	4	Burst		HMG	4-Oct, 21:23
3-5km SW	Heard	6	Burst		HMG	4-Oct, 21:28
3-5km SSW	Heard	5	Explosion	Undetermined	N/K	4-Oct, 21:30
3-5km SSW	Heard	6	Burst		Small arms	4-Oct, 21:32
3-5km SSW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 21:32
3-5km SW	Heard	8	Shot		Small arms	4-Oct, 21:35
3-5km SSW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 21:37
3-5km SSW	Heard	9	Burst		HMG	4-Oct, 21:38-21:43
3-5km SSW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 21:36-21:40
3-5km SSW	Heard	1	Explosion	Undetermined	N/K	4-Oct, 21:45
3-5km SW	Heard	3	Explosion	Undetermined	N/K	4-Oct, 21:50-21:53
3-5km SW	Heard	1	Burst		HMG	4-Oct, 21:51
3-5km SSW	Heard	4	Explosion	Undetermined	N/K	4-Oct, 21:59-22:04
1-3km SW	Heard	6	Explosion	Undetermined	N/K	4-Oct, 22:03-22:05
1-3km SW	Heard	2	Explosion	Undetermined	N/K	4-Oct, 22:13
3-5km SW	Heard	4	Shot		Small arms	4-Oct, 23:04
3-5km SSW	Heard	4	Burst		HMG	4-Oct, 23:24
3-5km SW	Heard	4	Burst		HMG	4-Oct, 23:48
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 11:32
5-8km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 13:20-13:25
5-8km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 13:45
3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 16:47
3-5km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 16:55-16:57
3-5km SW	Heard	10	Shot		Small arms	5-Oct, 17:00
3-5km SW	Heard	4	Burst		HMG	5-Oct, 17:00
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 17:00
3-5km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 17:06-17:08
3-5km SW	Heard	6	Burst		HMG	5-Oct, 17:06-17:08
3-5km SW	Heard	12	Explosion	Undetermined	N/K	5-Oct, 17:12-17:18
3-5km SW	Heard	7	Burst		HMG	5-Oct, 17:12-17:17
3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 17:21
3-5km SW	Heard	15	Explosion	Undetermined	N/K	5-Oct, 17:27-17:35
3-5km SW	Heard	19	Shot		Small	5-Oct,

						arms	17:27-17:35
	3-5km SW	Heard	5	Burst		HMG	5-Oct, 17:27-17:35
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 17:38-17:41
	3-5km SW	Heard	8	Shot		Small arms	5-Oct, 17:38-17:41
	3-5km SW	Heard	2	Burst		HMG	5-Oct, 17:38-17:41
	3-5km SSW	Heard	19	Explosion	Undetermined	N/K	5-Oct, 17:48-18:00
	3-5km SSW	Heard	32	Burst		HMG	5-Oct, 17:48-18:00
	3-5km SSW	Heard	2	Shot		N/K	5-Oct, 17:48-18:00
	3-5km SSW	Heard	13	Explosion	Undetermined	N/K	5-Oct, 18:02-18:15
	3-5km SSW	Heard	13	Shot		Small arms	5-Oct, 18:02-18:15
	3-5km SSW	Heard	3	Burst		HMG	5-Oct, 18:10-18:15
	3-5km SSW	Heard	3	Explosion		N/K	5-Oct, 18:16-18:20
	3-5km SSW	Heard	6	Shot		Small arms	5-Oct, 18:16-18:20
	3-5km SSW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 18:21-18:29
	3-5km SSW	Heard	10	Burst		HMG	5-Oct, 18:21-18:29
	3-5km SSW	Heard	8	Shot		Small arms	5-Oct, 18:21-18:29
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SE	Heard	2	Explosion	Undetermined	N/K	5-Oct, 08:55
About 1km SSE of Nelipivka (government-controlled, 50km N of Donetsk)	5-7km ESE	Heard	12	Burst		HMG	5-Oct, 12:56-12:59
	5-7km ESE	Heard	44	Explosion	Undetermined	N/K	5-Oct, 12:56-12:59
	5-7km ESE	Heard	20	Burst		HMG	5-Oct, 13:00-13:04
	5-7km ESE	Heard	30	Explosion	Undetermined	N/K	5-Oct, 13:00-13:04
	5-7km ESE	Heard	19	Explosion	Undetermined	N/K	5-Oct, 13:05-13:11
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km S	Recorded	11	Projectile		N/K	4-Oct, 19:17
	2-4km S	Recorded	30	Projectile		N/K	4-Oct, 19:18
	2-4km S	Recorded	1	Projectile	NW to SE (unable to assess whether inside or	N/K	4-Oct, 19:19

					outside the disengagement area)		
	2-4km S	Recorded	1	Projectile	W to E (unable to assess whether inside or outside the disengagement area)	N/K	5-Oct, 21:59
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	2-4km NW	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	5-Oct, 11:13
2km NE of Stepanivka (non-government-controlled, 62km W of Luhansk)	15-20km SW	Heard	20	Explosion	Undetermined	N/K	5-Oct, 12:55-13:05
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	5-Oct, 19:20
	3-5km SSE	Recorded	9	Projectile	WSW to ENE	N/K	5-Oct, 19:23
	2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 20:22
	3-5km S	Recorded	1	Projectile	WNW to ESE	N/K	5-Oct, 20:31
	2-4km S	Recorded	7	Projectile	WNW to ESE	N/K	5-Oct, 21:00
	2-4km S	Recorded	3	Projectile	WNW to ESE	N/K	5-Oct, 21:01
	2-4km S	Recorded	9	Projectile	WNW to ESE	N/K	5-Oct, 21:02
	3-5km S	Recorded	10	Projectile	WNW to ESE	N/K	5-Oct, 21:04
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km S	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 21:25
	200-800m S	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 21:43
	300-800m SSW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:11
	0.3-1km SSW	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 22:15
	200-800m SSW	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 22:18
	200-800m SSW	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:18
	0.3-1km SSW	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 23:44
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 01:04
	1-2km SSW	Recorded	4	Projectile	W to E	N/K	6-Oct, 01:04
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ENE	Recorded	9	Projectile	N to S	N/K	5-Oct, 19:16
	3-5km ENE	Recorded	3	Projectile	N to S	N/K	5-Oct, 19:17
	3-5km ENE	Recorded	10	Projectile	N to S	N/K	5-Oct, 19:17
	3-5km ENE	Recorded	2	Projectile	N to S	N/K	5-Oct, 19:18
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	5-Oct, 19:18
	3-5km ENE	Recorded	2	Projectile	N to S	N/K	5-Oct, 19:19
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 19:20
	3-5km ENE	Recorded	11	Projectile	NNW to SSE	N/K	5-Oct, 19:23
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:56
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Oct, 18:02
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	18	Projectile	NNW to SSE	N/K	5-Oct, 21:23
	1-3km ENE	Recorded	6	Projectile	NNW to SSE	N/K	5-Oct, 21:24
	1-3km E	Recorded	3	Projectile	NNW to SSE	N/K	5-Oct, 21:28
	1-3km ENE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 21:28
	1-3km ENE	Recorded	6	Projectile	NNW to SSE	N/K	5-Oct, 21:28
	1-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	5-Oct, 21:31
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 21:31
	1-3km ENE	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 21:45
	1-3km E	Recorded	1	Projectile	SW to NE	N/K	5-Oct, 21:48
	1-3km ENE	Recorded	18	Projectile	NNW to SSE	N/K	5-Oct, 21:55
	1-3km ENE	Recorded	2	Projectile	NNW to SSE	N/K	5-Oct, 22:01

	1-3km ENE	Recorded	8	Projectile	NNW to SSE	N/K	5-Oct, 22:02
	1-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	5-Oct, 22:05
	1-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	5-Oct, 22:06
	1-3km ENE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:35
	1-3km ENE	Recorded	18	Projectile	NW to SE	N/K	5-Oct, 22:43
	1-3km ENE	Recorded	10	Projectile	NNW to SSE	N/K	5-Oct, 22:47
	1-3km ENE	Recorded	8	Projectile	NNW to SSE	N/K	5-Oct, 22:49
	1-3km ENE	Recorded	14	Projectile	NNW to SSE	N/K	5-Oct, 22:52
	2-4km E	Recorded	5	Projectile	SSW to NNE	N/K	5-Oct, 23:21
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	5-Oct, 23:51
	2-4km ENE	Recorded	8	Projectile	NNW to SSE	N/K	5-Oct, 23:53
	3-5km E	Recorded	2	Projectile	S to N	N/K	5-Oct, 23:56
	3-5km E	Recorded	6	Projectile	S to N	N/K	5-Oct, 23:57
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	5-Oct, 23:59
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 00:03
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 00:05
	3-5km ENE	Recorded	14	Projectile	NNW to SSE	N/K	6-Oct, 00:07
	2-4km E	Recorded	2	Projectile	S to N	N/K	6-Oct, 00:08
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 00:10
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	6-Oct, 00:47
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	3	Projectile	SW to NE	N/K	5-Oct, 20:40
	2-4km NNE	Recorded	1	Explosion	Impact	N/K	5-Oct, 20:41
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	5-Oct, 20:42
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 22:06
	2-4km NNE	Recorded	9	Projectile	SW to NE	N/K	5-Oct, 22:07
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	5-Oct, 22:08
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	5-Oct, 22:10
	2-4km NNE	Recorded	9	Projectile	W to E	N/K	5-Oct, 22:11
	2-4km NNE	Recorded	25	Projectile	W to E	N/K	5-Oct, 22:12
	2-4km NNE	Recorded	21	Projectile	W to E	N/K	5-Oct, 22:13
	2-4km NNE	Recorded	14	Projectile	W to E	N/K	5-Oct, 22:14
	2-4km NNE	Recorded	28	Projectile	W to E	N/K	5-Oct, 22:15
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	5-Oct, 22:18
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	5-Oct, 22:21
	2-4km NNE	Recorded	12	Projectile	W to E	N/K	5-Oct, 22:27
	2-4km NNE	Recorded	17	Projectile	W to E	N/K	5-Oct, 22:29
	2-4km NNE	Recorded	12	Projectile	W to E	N/K	5-Oct, 22:30
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	4-6km S	Recorded	1	Explosion	Airburst	N/K	5-Oct, 18:39
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	6-Oct, 02:28
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	6-Oct, 02:37
	3-5km SSE	Recorded	6	Projectile	W to E	N/K	6-Oct, 02:41
	3-5km SSE	Recorded	5	Projectile	NW to SE	N/K	6-Oct, 02:41
SMM camera 1km SW of Shyrokyne (100km S of Donetsk)	2-4km N	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:41
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ESE	Recorded	1	Explosion	Airburst	N/K	5-Oct, 18:14
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:15
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	5-Oct, 18:15
	1-3km ENE	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 21:31
	1-3km ENE	Recorded	1	Projectile	NW to SE	N/K	5-Oct, 21:32
About 13km SW of Donetsk city centre	5-6km WNW	Heard	10	Explosion	Undetermined	N/K	6-Oct, 11:20



(non-government-controlled)							
About 8km NW of Donetsk City centre (non-government-controlled)	3-5km N	Heard	2	Explosion	Undetermined	N/K	6-Oct, 12:56
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NW	Heard	25	Burst		HMG	6-Oct, 11:19-11:27
	2-3km NW	Heard	2	Shot		HMG	6-Oct, 12:21
	2-3km W	Heard	10	Burst		HMG	6-Oct, 12:40
	2-3km W	Heard	1	Shot		Small arms	6-Oct, 12:40
	2-3km W	Heard	1	Burst		HMG	6-Oct, 12:41
Krasnohorivka (government-controlled, 21km W of Donetsk)	1km E	Heard	35	Burst		HMG	6-Oct, 11:20-11:30
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SSW	Heard	3	Shot		Small arms	6-Oct, 14:10
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	3km NNE	Heard	10	Burst		Small arms	6-Oct, 13:07-13:12
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km SW	Heard	5	Burst		Small arms	5-Oct, 18:31
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 18:36
	1-3km SW	Heard	10	Burst		HMG	5-Oct, 18:37-18:39
	3-5km SW	Heard	1	Burst		HMG	5-Oct, 18:53
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 18:59
	3-5km SW	Heard	7	Burst		HMG	5-Oct, 19:08-19:15
	3-6km SW	Heard	1	Burst		HMG	5-Oct, 19:23
	5-7km SW	Heard	3	Explosion	Undetermined	N/K	5-Oct, 19:45-19:50
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 19:57-19:59
	3-5km SW	Heard	3	Burst		HMG	5-Oct, 19:59
	3-5km SW	Heard	25	Explosion	Undetermined	N/K	5-Oct, 20:00-20:05
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 21:32
	3-5km SW	Heard	6	Burst		HMG	5-Oct, 21:32-21:37
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 21:42
	3-5km SW	Heard	8	Burst		HMG	5-Oct, 21:48
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	5-Oct, 21:48
	3-5km SW	Heard	35	Burst		HMG	5-Oct, 21:49-21:50
	3-5km SW	Heard	10	Burst		HMG	5-Oct, 21:50
	1-3km SW	Heard	5	Burst		HMG	5-Oct, 21:51
	3-5km SW	Heard		Burst	Uncountable, overlapping	HMG	5-Oct, 21:51
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	5-Oct, 21:52
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 21:52-21:53
3-5km SW	Heard		Burst	Uncountable, overlapping	HMG	5-Oct, 21:53	
2-5km SW	Heard	3	Explosion	Undetermined	N/K	5-Oct, 21:57	

2-5km SW	Heard	20	Burst		HMG	5-Oct, 21:57-21:58
2-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 21:59
1-3km SW	Heard	30	Shot		Small arms	5-Oct, 21:59-22:00
3-5km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 22:02
3-5km SW	Heard	10	Burst		HMG	5-Oct, 22:02
3-5km SW	Heard		Burst	Uncountable, overlapping	HMG	5-Oct, 22:03-22:04
2-3km SW	Heard	10	Shot		Small arms	5-Oct, 22:04
2-3km SW	Heard	3	Explosion		N/K	5-Oct, 22:04
1-3km SW	Heard	30	Burst		HMG	5-Oct, 22:04-22:06
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:06
2-5km SW	Heard	30	Burst		HMG	5-Oct, 22:06-22:08
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:08
2-5km SW	Heard	30	Shot		Small arms	5-Oct, 22:08-22:09
2-5km SW	Heard	10	Burst		HMG	5-Oct, 22:10
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:10
3-5km SW	Heard		Shot and bursts	Uncountable, overlapping	HMG	5-Oct, 22:10-22:11
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:12
1-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:14
1-5km SW	Heard	15	Burst		HMG	5-Oct, 22:14
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:15
1-5km SW	Heard	20	Burst		HMG	5-Oct, 22:16-22:17
1-5km SW	Heard	30	Burst		HMG	5-Oct, 22:18-22:19
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:19
5-7km SW	Heard	30	Burst		HMG	5-Oct, 22:20
2-5km SW	Heard	20	Burst		HMG	5-Oct, 22:20
3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Oct, 22:21
3-5km SW	Heard	30	Shot		HMG	5-Oct, 22:22-22:24
3-7km SW	Heard	60	Burst		HMG	5-Oct, 22:24-22:25
3-7km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 22:25-22:26
3-7km SW	Heard	60	Burst		HMG	5-Oct, 22:26-22:28
3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 22:28
3-7km SW	Heard	40	Shot		Other	5-Oct, 22:28
3-7km SW	Heard	45	Burst		HMG	5-Oct, 22:28-22:29
3-7km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 22:29-22:31
3-7km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 22:33-22:35
5-7km SW	Heard	40	Burst		HMG	5-Oct, 22:36-22:37
5-7km SW	Heard	50	Burst		HMG	5-Oct, 22:37-22:38
5-7km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 22:38
5-7km SW	Heard	20	Burst		HMG	5-Oct, 22:38
3-5km SW	Heard	11	Explosion	Undetermined	N/K	5-Oct, 22:38-22:40
3-5km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 22:42

	3-7km SW	Heard	20	Burst		HMG	5-Oct, 22:44
	3-5km SW	Heard	5	Explosion	Undetermined	N/K	5-Oct, 22:47-22:50
	5-7km SW	Heard	10	Burst		HMG	5-Oct, 22:50
	3-7km SW	Heard	4	Explosion	Undetermined	N/K	5-Oct, 22:52-22:53
	3-5km SW	Heard	5	Burst		HMG	5-Oct, 23:01
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 23:06
	3-5km SW	Heard	10	Burst		HMG	5-Oct, 23:16
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	5-Oct, 23:16
	3-7km SW	Heard	3	Explosion	Undetermined	N/K	5-Oct, 23:22
	2-4km SW	Heard	6	Explosion	Impact	N/K	5-Oct, 23:28-23:35
	2-4km SW	Heard	6	Explosion	Impact	N/K	5-Oct, 23:40-23:45
	3-5km SW	Heard	8	Explosion	Impact	N/K	5-Oct, 23:50-23:55
	3-5km SW	Heard	8	Explosion	Impact	N/K	5-Oct, 23:57-23:59
	4-5km S	Heard	10	Explosion	Undetermined	N/K	6-Oct, 13:14-13:24
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	6-Oct, 17:16
	4-5km S	Heard	3	Explosion	Undetermined	N/K	6-Oct, 17:53-17:56
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km NW	Heard	25	Explosion	Undetermined	N/K	6-Oct, 17:45-18:00
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	5-Oct, 19:13
	1-2km E	Recorded	2	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	6-Oct, 01:06
	1-2km E	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	6-Oct, 01:07
	2-3.5km S	Recorded	2	Projectile	ENE to WSW (assessed as inside the disengagement area)	N/K	6-Oct, 01:23
	2-3.5km S	Recorded	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	6-Oct, 01:44
	0.5-1km N	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Oct, 01:53
N edge of Popasna (government-controlled, 69km W of Luhansk)	10-15km S	Heard	156	Explosion	Undetermined	N/K	5-Oct, 17:27-18:50
	3-5km SE	Heard	26	Explosion	Undetermined	N/K	5-Oct, 17:45-18:43
	5-10km SE	Heard	3	Explosion	Undetermined	N/K	6-Oct, 00:55-01:05

3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km SW	Heard	36	Burst	Assessed as outside the Zolote disengagement	HMG	6-Oct, 10:48-11:00
	3-5km SW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Oct, 11:00
	3-5km SW	Heard	20	Burst	Assessed as outside the disengagement area	HMG	6-Oct, 11:20
	300-500m NW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	6-Oct, 11:49
2km E of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	5-7km SW	Heard	2	Explosion	Undetermined	N/K	6-Oct, 13:03