

Table of ceasefire violations as of 26 November 2019¹⁰

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	Projectile	NE to SW	N/K	26-Nov, 01:09
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	26-Nov, 02:04
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	26-Nov, 02:57
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SE	Recorded	22	Projectile	In vertical flight	N/K	25-Nov, 17:10
	3-5km SE	Recorded	2	Projectile	NE to SW	N/K	25-Nov, 17:23
	3-5km SSE	Recorded	1	Projectile	SW to NE	N/K	25-Nov, 18:36
	3-5km SSE	Recorded	1	Projectile	SW to NE	N/K	25-Nov, 18:37
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	25-Nov, 18:40
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 19:13
	3-5km SSE	Recorded	3	Projectile	SW to NE	N/K	25-Nov, 19:15
	3-5km SSE	Recorded	4	Projectile	SW to NE	N/K	25-Nov, 19:16
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 19:17
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	25-Nov, 20:29
	2-4km SE	Recorded	15	Projectile	NE to SW	N/K	25-Nov, 20:30
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	25-Nov, 20:31
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	25-Nov, 20:32
SMM camera at the Donetsk Filtration Station (15km N of Donetsk)	0.7-1km S	Recorded	2	Muzzle flash		N/K	25-Nov, 20:26
	0.7-1km S	Recorded	2	Projectile	NW to SE (subsequent to previous event)	N/K	25-Nov, 20:26
	0.7-2km S	Recorded	4	Projectile	W to E	N/K	26-Nov, 03:02
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	5	Projectile	NNE to SSW	N/K	25-Nov, 18:13
	3-5km ESE	Recorded	6	Projectile	S to N	N/K	25-Nov, 18:22
	3-5km ESE	Recorded	3	Projectile	N to S	N/K	25-Nov, 18:27
	3-5km ESE	Recorded	12	Projectile	S to N	N/K	25-Nov, 18:28
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	25-Nov, 18:29
	3-5km ESE	Recorded	2	Projectile	N to S	N/K	25-Nov, 18:32
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	25-Nov, 18:32
	3-5km ESE	Recorded	3	Projectile	N to S	N/K	25-Nov, 18:33
	3-5km E	Recorded	4	Projectile	NW to SE	N/K	25-Nov, 19:16
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 00:29
	3-5km ESE	Recorded	4	Projectile	S to N	N/K	26-Nov, 01:53
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 06:13
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 06:15
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-5km ENE	Recorded	4	Projectile	WNW to ESE	N/K	26-Dec, 05:28
	2-5km E	Recorded	1	Projectile	N to S	N/K	26-Dec, 05:28
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km	1.5-3km ENE	Recorded	1	Projectile	NW to SE	N/K	25-Nov, 18:21
	1.5-3km ENE	Recorded	1	Projectile	NW to SE	N/K	25-Nov, 18:25
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	25-Nov, 19:42
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	25-Nov, 20:47
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 22:55
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	25-Nov, 22:56

¹⁰ 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.

NE of Donetsk)	2-4km NE	Recorded	1	Muzzle flash		N/K	25-Nov, 22:56
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	26-Nov, 00:50
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 16:53
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	25-Nov, 16:54
	3-5km NE	Recorded	1	Projectile	E to W	N/K	25-Nov, 17:47
	3-5km NNE	Recorded	2	Projectile	ESE to WNW	N/K	25-Nov, 18:15
	3-5km N	Recorded	2	Projectile	SSE to NNW	N/K	25-Nov, 18:15
	3-5km N	Recorded	7	Projectile	SE to NW	N/K	25-Nov, 18:16
	3-5km N	Recorded	4	Projectile	SE to NW	N/K	25-Nov, 18:17
	3-5km NNE	Recorded	2	Projectile	SW to NE	N/K	25-Nov, 18:20
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	25-Nov, 18:20
	4-7km N	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 18:22
	3-5km NNE	Recorded	7	Projectile	SE to NW	N/K	25-Nov, 18:22
	3-5km N	Recorded	2	Burst	E to W	N/K	25-Nov, 18:24
	3-5km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 18:33
	3-5km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 18:36
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	25-Nov, 18:37
	3-5km N	Recorded	4	Projectile	E to W	N/K	25-Nov, 18:45
	3-5km N	Recorded	4	Projectile	W to E	N/K	25-Nov, 18:54
	1-3km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 18:55
	3-5km N	Recorded	4	Projectile	E to W	N/K	25-Nov, 19:02
	3-5km NNE	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 19:09
	3-5km NNE	Recorded	8	Projectile	ESE to WNW	N/K	25-Nov, 19:11
	3-5km N	Recorded	3	Projectile	W to E	N/K	25-Nov, 19:11
	3-5km NNE	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 19:12
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 19:13
	3-5km NNW	Recorded	11	Projectile	W to E	N/K	25-Nov, 19:14
	3-5km NNW	Recorded	4	Projectile	W to E	N/K	25-Nov, 19:17
	3-5km N	Recorded	2	Projectile	E to W	N/K	25-Nov, 19:20
	3-5km N	Recorded	22	Projectile	E to W	N/K	25-Nov, 19:21
	3-5km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 19:22
	3-5km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 19:22
	3-5km N	Recorded	6	Projectile	E to W	N/K	25-Nov, 19:23
	3-5km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 19:26
	3-5km N	Recorded	1	Muzzle flash		N/K	25-Nov, 19:27
	3-5km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 19:27
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	25-Nov, 19:28
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	25-Nov, 19:29
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 19:29
	3-5km N	Recorded	1	Muzzle flash		N/K	25-Nov, 19:29
	3-5km N	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 19:29
	3-5km NNE	Recorded	4	Projectile	WSW to ENE	N/K	25-Nov, 19:30
	4-7km NNE	Recorded	2	Projectile	W to E	N/K	25-Nov, 19:30
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 19:33
	4-7km N	Recorded	1	Explosion	Impact	N/K	25-Nov, 19:33
4-7km N	Recorded	11	Projectile	E to W	N/K	25-Nov, 20:00	
4-7km NNE	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 20:01	
4-7km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 20:02	
4-7km N	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 20:03	
4-7km N	Recorded	10	Projectile	E to W	N/K	25-Nov, 20:06	
4-7km NNE	Recorded	2	Projectile	E to W	N/K	25-Nov, 20:07	
4-7km NNE	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 20:08	
4-7km N	Recorded	8	Projectile	W to E	N/K	25-Nov, 20:13	
4-7km N	Recorded	5	Projectile	E to W	N/K	25-Nov, 20:15	
3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	25-Nov, 20:15	
4-7km N	Recorded	5	Projectile	W to E	N/K	25-Nov, 20:16	
4-7km N	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 20:23	
4-7km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 20:23	

4-7km N	Recorded	5	Projectile	W to E	N/K	25-Nov, 20:24
4-7km N	Recorded	4	Projectile	E to W	N/K	25-Nov, 20:25
4-7km N	Recorded	4	Projectile	WSW to ENE	N/K	25-Nov, 20:26
4-7km N	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 20:26
4-7km N	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 20:26
4-7km N	Recorded	5	Projectile	WSW to ENE	N/K	25-Nov, 20:27
4-7km N	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 20:27
4-7km N	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 20:28
4-7km N	Recorded	1	Muzzle flash		N/K	25-Nov, 20:28
4-7km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 20:29
4-7km N	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 20:32
4-7km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 20:32
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 20:34
4-7km NNE	Recorded	1	Projectile	E to W	N/K	25-Nov, 20:36
4-7km N	Recorded	3	Projectile	W to E	N/K	25-Nov, 20:37
4-7km NNE	Recorded	1	Projectile	W to E	N/K	25-Nov, 20:38
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 20:42
4-7km NNE	Recorded	1	Projectile	W to E	N/K	25-Nov, 20:46
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 20:46
4-7km N	Recorded	2	Projectile	E to W	N/K	25-Nov, 20:49
4-7km N	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 20:50
4-7km N	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 20:53
4-7km N	Recorded	8	Projectile	W to E	N/K	25-Nov, 20:56
4-7km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 21:00
4-7km N	Recorded	4	Projectile	W to E	N/K	25-Nov, 21:00
4-7km N	Recorded	7	Projectile	E to W	N/K	25-Nov, 21:03
4-7km N	Recorded	8	Projectile	W to E	N/K	25-Nov, 21:09
4-7km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 21:10
4-7km N	Recorded	10	Projectile	WSW to ENE	N/K	25-Nov, 21:13
4-7km NNE	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 21:13
4-7km N	Recorded	8	Projectile	W to E	N/K	25-Nov, 21:14
4-7km N	Recorded	13	Projectile	W to E	N/K	25-Nov, 21:15
4-7km N	Recorded	5	Projectile	E to W	N/K	25-Nov, 21:16
4-7km N	Recorded	5	Projectile	ESE to WNW	N/K	25-Nov, 21:50
4-7km N	Recorded	1	Projectile	WSW to ENE	N/K	25-Nov, 21:50
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 21:53
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 21:54
4-7km N	Recorded	2	Projectile	E to W	N/K	25-Nov, 22:06
4-7km N	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 22:07
4-7km NNW	Recorded	2	Projectile	W to E	N/K	25-Nov, 22:07
4-7km N	Recorded	7	Projectile	WSW to ENE	N/K	25-Nov, 22:08
4-7km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 22:09
4-7km N	Recorded	6	Projectile	W to E	N/K	25-Nov, 22:12
4-7km N	Recorded	1	Illumination flare	In vertical flight	N/K	25-Nov, 22:12
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 22:22
4-7km N	Recorded	2	Projectile	E to W	N/K	25-Nov, 22:25
4-7km N	Recorded	3	Projectile	W to E	N/K	25-Nov, 22:27
4-7km N	Recorded	4	Projectile	W to E	N/K	25-Nov, 22:28
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 22:48
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 22:53
4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 23:00
4-7km N	Recorded	3	Projectile	E to W	N/K	25-Nov, 23:00
4-7km N	Recorded	1	Projectile	E to W	N/K	25-Nov, 23:04
4-7km N	Recorded	2	Explosion	Undetermined	N/K	25-Nov, 23:05
4-7km N	Recorded	4	Projectile	E to W	N/K	25-Nov, 23:09
4-7km N	Recorded	2	Projectile	W to E	N/K	25-Nov, 23:10
4-7km N	Recorded	10	Projectile	E to W	N/K	25-Nov, 23:43

	4-7km N	Recorded	3	Projectile	W to E	N/K	25-Nov, 23:44
	4-7km N	Recorded	1	Projectile	W to E	N/K	25-Nov, 23:45
	4-7km N	Recorded	6	Projectile	W to E	N/K	26-Nov, 00:06
	4-7km NNE	Recorded	1	Projectile	E to W	N/K	26-Nov, 00:06
	4-7km NNE	Recorded	2	Projectile	W to E	N/K	26-Nov, 00:21
	4-7km N	Recorded	1	Projectile	SE to NW	N/K	26-Nov, 00:22
	4-7km N	Recorded	4	Projectile	E to W	N/K	26-Nov, 01:04
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 01:14
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 01:18
	4-7km N	Recorded	3	Projectile	W to E	N/K	26-Nov, 01:53
	4-7km NNW	Recorded	1	Projectile	W to E	N/K	26-Nov, 01:58
	4-7km N	Recorded	6	Projectile	W to E	N/K	26-Nov, 02:08
	4-7km N	Recorded	2	Projectile	W to E	N/K	26-Nov, 02:11
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 02:22
	4-7km N	Recorded	4	Projectile	E to W	N/K	26-Nov, 02:29
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 02:35
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 02:35
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 02:39
	4-7km N	Recorded	4	Projectile	E to W	N/K	26-Nov, 02:47
	4-7km N	Recorded	1	Projectile	E to W	N/K	26-Nov, 02:56
	4-7km N	Recorded	1	Projectile	E to W	N/K	26-Nov, 02:57
	3-5km N	Recorded	13	Projectile	W to E	N/K	26-Nov, 03:05
	3-5km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 03:24
	3-5km N	Recorded	1	Muzzle flash		N/K	26-Nov, 03:29
	3-5km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 03:29
	3-5km N	Recorded	5	Projectile	W to E	N/K	26-Nov, 03:33
	3-5km N	Recorded	1	Muzzle flash		N/K	26-Nov, 03:33
	3-5km N	Recorded	1	Projectile	E to W	N/K	26-Nov, 03:37
	3-5km N	Recorded	3	Projectile	W to E	N/K	26-Nov, 03:37
	3-5km N	Recorded	1	Projectile	E to W	N/K	26-Nov, 03:38
	3-5km N	Recorded	6	Projectile	W to E	N/K	26-Nov, 03:41
	3-5km N	Recorded	2	Projectile	W to E	N/K	26-Nov, 04:04
	3-5km N	Recorded	2	Projectile	W to E	N/K	26-Nov, 04:10
	3-5km N	Recorded	3	Projectile	E to W	N/K	26-Nov, 04:10
	4-7km N	Recorded	1	Projectile	ESE to WNW	N/K	26-Nov, 04:16
	4-7km N	Recorded	12	Projectile	W to E	N/K	26-Nov, 04:18
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 04:19
	4-7km N	Recorded	2	Projectile	ESE to WNW	N/K	26-Nov, 04:19
	4-7km N	Recorded	1	Projectile	W to E	N/K	26-Nov, 04:31
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 04:32
	4-7km N	Recorded	8	Projectile	W to E	N/K	26-Nov, 04:35
	4-7km N	Recorded	1	Projectile	ESE to WNW	N/K	26-Nov, 04:46
	4-7km N	Recorded	6	Projectile	W to E	N/K	26-Nov, 04:50
	4-7km N	Recorded	5	Projectile	WSW to ENE	N/K	26-Nov, 04:52
	4-7km N	Recorded	8	Projectile	W to E	N/K	26-Nov, 05:48
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km E	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 19:00
	4-6km E	Recorded	1	Projectile	N to S	N/K	25-Nov, 19:01
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	25-Nov, 19:11
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	25-Nov, 19:12
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	25-Nov, 19:15
	4-6km ESE	Recorded	1	Projectile	S to N	N/K	25-Nov, 19:18
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	25-Nov, 19:19
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-4km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:07
	2-4km N	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:12
SE edge of	3-5km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:00

Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:04
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:16
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:21
	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:37
Marinka (government controlled, 23km SW of Donetsk)	N/K S	Heard	2	Burst		HMG	26-Nov, 13:05
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SSE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	26-Nov, 09:13
	3-4km SSE	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	26-Nov, 09:17
	1-2km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	26-Nov, 09:30
	2km SSE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	AGL	26-Nov, 09:30
	2km SSE	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	26-Nov, 09:30
	2km SSE	Heard	5	Burst	Assessed as outside the disengagement area	HMG	26-Nov, 09:30
	2-3km SSE	Heard	10	Burst	Assessed as an outside the disengagement area	Small arms	26-Nov, 09:38
	2-3km SSE	Heard	10	Burst	Assessed outside the disengagement area	HMG	26-Nov, 09:38
	2-3km SSE	Heard	14	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	26-Nov, 09:41
	2-3km SSE	Heard	14	Burst	Assessed as outside the disengagement area	HMG	26-Nov, 09:41
	2-3km SSE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	AGL	26-Nov, 09:41
	3-4km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	26-Nov, 09:41
	3-4km SE	Heard	2	Explosion	Undetermined (assessed as	N/K	26-Nov, 09:41

					outside the disengagement area)		
	3-4km SE	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	26-Nov, 09:41
	2-3km SSE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	26-Nov, 09:52
	2km S	Heard and saw	1	Airburst	Assessed as outside the disengagement area	Anti-aircraft cannon (type N/K)	26-Nov, 09:58
	2km SE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	26-Nov, 10:06
	2km SE	Heard	11	Shot	Assessed as outside the disengagement area	Small arms	26-Nov, 13:18
About 1km NE of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K SE	Heard	4	Explosion	Undetermined	N/K	26-Nov, 09:40
	N/K SE	Heard	14	Explosion	Undetermined	N/K	26-Nov, 09:48-09:53
	N/K SE	Heard	2	Burst		HMG	26-Nov, 09:48-09:53
	3-5km SE	Heard	5	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	26-Nov, 09:55-09:58
	3-5km SE	Heard	4	Shot	Assessed as outside the disengagement area	(30mm) cannon	26-Nov, 09:55-09:58
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km S	Heard	2	Explosion	Undetermined	N/K	25-Nov, 19:56
	3-4km SE	Heard	2	Burst		HMG	25-Nov, 20:20
	3-4km S	Heard	3	Burst		HMG	25-Nov, 20:24
	3-4km S	Heard	2	Burst		HMG	25-Nov, 20:25
	3-4km S	Heard	6	Shot		Small arms	25-Nov, 20:25
	5-6km SE	Heard	6	Explosion	Undetermined	N/K	25-Nov, 20:25-20:27
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	25-Nov, 20:28
	3-4km SE	Heard	4	Burst		HMG	25-Nov, 20:44
	5-6km SW	Heard	5	Explosion	Undetermined	N/K	25-Nov, 20:55-20:58
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 21:01
	5-6km SW	Heard	5	Burst		HMG	25-Nov, 21:12
	3-4km SE	Heard	6	Burst		HMG	25-Nov, 21:15
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 21:21
	4-5km SE	Heard	4	Burst		N/K	25-Nov, 21:33
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 21:34
	4-5km SE	Heard	3	Burst		N/K	25-Nov, 21:49
	5-6km SE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 21:54
3-4km SE	Heard	8	Burst		HMG	25-Nov, 21:54-21:55	

	3-4km SE	Heard	3	Shot		Small arms	25-Nov, 21:58
	5-6km SE	Heard	4	Explosion	Undetermined	N/K	25-Nov, 21:58
	3-4km SE	Heard	11	Burst		HMG	25-Nov, 22:32
	3-4km SE	Heard	4	Burst		HMG	25-Nov, 22:38
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 23:53
	5-6km NW	Heard	7	Explosion	Undetermined	N/K	26-Nov, 08:45-11:02
	4-6km SE	Heard	48	Explosion	Undetermined	N/K	26-Nov, 15:27-16:16
	4-6km SE	Heard	25	Burst		HMG	26-Nov, 15:27-16:16
NE edge of Zalizne (government-controlled, 42km NE of Donetsk)	1-2km S	Heard	20	Shot		Small arms	26-Nov, 10:20-10:30
	1-2km S	Heard	2	Burst		Small arms	26-Nov, 10:20-10:30
	1-2km S	Heard	59	Shot		Small arms	26-Nov, 10:30-11:00
	1-2km S	Heard	11	Burst		Small arms	26-Nov, 10:30-11:00
	2-3km SE	Heard	9	Burst		Small arms	26-Nov, 11:26-11:30
	2-3km SE	Heard	4	Explosion	Undetermined	N/K	26-Nov, 11:26-11:30
	2-3km SE	Heard		Shot	Uncountable	Small arms	26-Nov, 11:40-11:42
Kodema (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 10:37
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	26-Nov, 10:57
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:59
	5km E	Heard	2	Explosion	Undetermined	N/K	26-Nov, 12:31
	5km SSE	Heard	1	Explosion	Undetermined	N/K	26-Nov, 12:40
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	26-Nov, 10:56-11:05
	3-4km SSE	Heard	3	Burst		HMG	26-Nov, 11:06-11:10
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	26-Nov, 11:06-11:10
	3-4km ENE	Heard	7	Burst	Undetermined	N/K	26-Nov, 11:11-11:17
	4-5km S	Heard	1	Explosion	Undetermined	N/K	26-Nov, 11:20
	1-3km ESE	Heard	4	Shot		HMG	26-Nov, 12:30
	1-3km SE	Heard	3	Shot		Small arms	26-Nov, 12:36
	3-5km S	Heard	1	Explosion	Undetermined	N/K	26-Nov, 12:41
	3-5km S	Heard	1	Explosion	Undetermined	N/K	26-Nov, 12:44
3-5km S	Heard	1	Explosion	Undetermined	N/K	26-Nov, 12:50	
N edge of Verkhnotoretske (government-controlled, 23km NE of Donetsk)	3-4km SSE	Heard	8	Explosion	Undetermined	N/K	26-Nov, 11:18-11:20
	3-4km SSE	Heard	12	Explosion	Undetermined	N/K	26-Nov, 11:27-11:36
	3-4km SE	Heard	7	Explosion	Undetermined	N/K	26-Nov, 11:36-11:39
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-5km ESE	Heard	12	Burst		HMG	25-Nov, 19:20-19:25
E edge of Popasna (government-controlled, 69km W of Luhansk)	8-10km SSE	Heard	60	Explosion	Undetermined	N/K	26-Nov, 13:00-13:10
500m north of Pervomaisk (non-	4-5km NNE	Heard	2	Explosion	Undetermined	N/K	26-Nov, 12:32-12:33

government-controlled, 58km W of Luhansk)							
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