

Table of ceasefire violations as of 2 February 2020¹⁰

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	1	Explosion	Undetermined	N/K	1-Feb, 17:42
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	6	Projectile	NNW to SSE	N/K	31-Jan, 22:42
	3-5km E	Recorded	1	Explosion	Undetermined (also recorded by Hnutove EECF camera)	N/K	31-Jan, 22:42
	3-5km E	Recorded	1	Projectile	SSW to NNE	N/K	31-Jan, 22:42
	3-5km E	Recorded	1	Projectile	NNE to SSW	N/K	31-Jan, 22:44
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-Jan, 22:51
	3-5km E	Recorded	6	Projectile	N to S	N/K	31-Jan, 22:54
	3-5km E	Recorded	2	Explosion	Undetermined (also recorded by Hnutove EECF camera)	N/K	31-Jan, 22:54
	1-3km ESE	Recorded	3	Projectile	In vertical flight	N/K	31-Jan, 22:55
	1-3km ESE	Recorded	5	Explosion	Undetermined	N/K	31-Jan, 22:56
	1-3km ESE	Recorded	3	Explosion	Airburst	N/K	31-Jan, 22:57
	1-3km ESE	Recorded	4	Projectile	NW to SE	N/K	31-Jan, 22:57
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	31-Jan, 23:00
	SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	1-3km ENE	Recorded	5	Projectile	NW to SE	N/K
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	1-3km ESE	Recorded	1	Projectile	NNE to SSW	N/K	31-Jan, 21:03
	1-3km SE	Recorded	1	Projectile	NNE to SSW	N/K	31-Jan, 22:05
	1-3km SE	Recorded	1	Projectile	WNW to ESE	N/K	31-Jan, 22:05
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	31-Jan, 22:05
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	31-Jan, 23:38
	1-2km NNE	Recorded	1	Projectile	SE to NW (also recorded by Krasnohorivka camera)	N/K	31-Jan, 22:06
	1-2km NNE	Recorded	1	Projectile	SE to NW (also recorded by Krasnohorivka camera)	N/K	31-Jan, 23:11
	1-2km NNE	Recorded	1	Projectile	E to W (also recorded by Krasnohorivka camera)	N/K	31-Jan, 23:17
	1-2km NNE	Recorded	1	Projectile	E to W (also recorded by Krasnohorivka camera)	N/K	31-Jan, 23:40
	2-4km NNE	Recorded	5	Projectile	SSW to NNE	N/K	31-Jan, 23:58
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	1-Feb, 00:43

¹⁰ The table only includes ceasefire violations directly observed by the SMM patrols or recorded by the SMM cameras 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

	1-2km NNE	Recorded	5	Projectile	SSW to NNE	N/K	1-Feb, 00:46
	2-4km NNE	Recorded	1	Projectile	ESE to WNW (also recorded by Krasnohorivka camera)	N/K	1-Feb, 01:11
	1-2km NNE	Recorded	1	Projectile	E to W (also recorded by Krasnohorivka camera)	N/K	1-Feb, 03:25
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.2-1km SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	24-Jan, 02:44
	0.5-1km SSW	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	24-Jan, 02:44
	0.5-1km SSW	Recorded	2	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	24-Jan, 03:53
	0.5-1km SW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	24-Jan, 17:57
	0.5-1km SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	24-Jan, 19:05
	0.5-1km SW	Recorded	7	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	24-Jan, 21:23
	0.5-1km SSW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	25-Jan, 00:01
	0.5-1km SSW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	25-Jan, 00:59
	0.5-1km SSW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	25-Jan, 01:59
	0.5-1km SW	Recorded	1	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	25-Jan, 17:59
	0.5-1km SSW	Recorded	1	Projectile	SE to NW (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	25-Jan, 18:57
	0.5-1km SW	Recorded	1	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	25-Jan, 18:57

					area) (possibly also recorded by Bohdanivka camera)		
0.5-1km SW	Recorded	2	Projectile		SE to NW (assessed as inside the disengagement area)	N/K	25-Jan, 19:55
0.5-1km SSW	Recorded	2	Projectile		SW to NE (assessed as inside the disengagement area)	N/K	25-Jan, 20:41
0.5-1km SSW	Recorded	2	Projectile		ESE to WNW (assessed as inside the disengagement area)	N/K	26-Jan, 01:02
0.5-1km SSW	Recorded	3	Projectile		SE to NW (assessed as inside the disengagement area)	N/K	26-Jan, 01:37
0.5-1km SSW	Recorded	2	Projectile		ESE to WNW (assessed as inside the disengagement area)	N/K	26-Jan, 02:02
0.5-1.5km SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 18:15
0.5-1.5km SSW	Recorded	1	Projectile		ENE to WSW (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 18:15
0.5-1.5km SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 19:04
0.5-1.5km SSW	Recorded	1	Projectile		ENE to WSW (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 19:04
0.5-1.5km SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	26-Jan, 19:58
0.5-1.5km SSW	Recorded	1	Projectile		ENE to WSW (assessed as inside the	N/K	26-Jan, 19:58

					disengagement area)		
2-3km SW	Recorded	2	Explosion		Undetermined, assessed as inside the disengagement area	N/K	26-Jan, 20:29
0.5-1.5km SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	26-Jan, 20:35
0.5-1.5km SSW	Recorded	1	Projectile		SE to NW (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 20:36
0.5-1.5km SSW	Recorded	1	Projectile		NW to SE (assessed as inside the disengagement area) (possibly also recorded by Bohdanivka camera)	N/K	26-Jan, 20:36
0.5-1.5km SSW	Recorded	1	Projectile		WSW to ENE (assessed as inside the disengagement area)	N/K	26-Jan, 21:15
0.5-1.5km SSW	Recorded	3	Projectile		NW to SE (assessed as inside the disengagement area)	N/K	26-Jan, 21:20
200-600m SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 00:12
200-600m SW	Recorded	2	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 01:02
0.5-1km SSW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 02:02
200-600m SW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 02:35
0.5-1km SSW	Recorded	1	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 02:36
0.5-1km SSW	Recorded	2	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 19:04
0.5-1km SSW	Recorded	2	Projectile		E to W (assessed as inside the disengagement area)	N/K	27-Jan, 19:59

0.5-1km SSW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	27-Jan, 20:49
1-2km SSW	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Jan, 21:51
0.5-1km SSW	Recorded	3	Projectile	E to W (assessed as inside the disengagement area)	N/K	27-Jan, 22:00
0.5-1km SSW	Recorded	1	Muzzle flash	Assessed as inside the disengagement area	N/K	27-Jan, 22:05
0.5-1km SSW	Recorded	1	Projectile	WSW to ENE (subsequent to previous event, assessed as inside the disengagement area)	N/K	27-Jan, 22:05
200-300m SSW	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area)	N/K	27-Jan, 22:05
0.5-1km SSW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	28-Jan, 00:13
0.5-1km SSW	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	29-Jan, 18:05
0.5-1km SSW	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	29-Jan, 19:08
0.5-1km SSW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	29-Jan, 21:56
200-500m SW	Recorded	1	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	29-Jan, 21:57
200-500m SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	29-Jan, 23:44
200-500m SW	Recorded	1	Projectile	ENE to WSW (assessed as inside the disengagement area)	N/K	29-Jan, 23:44
0.5-1km SW	Recorded	2	Projectile	E to W (assessed as inside the	N/K	30-Jan, 01:30

					disengagement area)		
	0.5-1km SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	30-Jan, 01:33
	0.5-1km SSW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	30-Jan, 02:38
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 18:26
	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 18:41
	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 18:49
	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 18:50
	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 18:51
	2-3km N	Recorded	1	Projectile	SW to NE	N/K	31-Jan, 19:29
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	31-Jan, 19:40
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	31-Jan, 19:47
	2-4km N	Recorded	1	Projectile	SE to NW	N/K	31-Jan, 21:48
	2-4km N	Recorded	8	Projectile	E to W	N/K	1-Feb, 02:44
	2-4km N	Recorded	8	Projectile	E to W	N/K	1-Feb, 02:45
	3-4km NNE	Recorded	1	Projectile	E to W	N/K	1-Feb, 17:15
	3-4km NNE	Recorded	13	Projectile	E to W	N/K	1-Feb, 17:53
	SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km E	Recorded	6	Projectile	S to N	N/K
4-6km E		Recorded	2	Projectile	S to N	N/K	31-Jan, 20:29
4-6km E		Recorded	3	Projectile	S to N	N/K	31-Jan, 20:31
4-6km E		Recorded	3	Projectile	S to N	N/K	31-Jan, 20:33
4-6km E		Recorded	1	Projectile	N to S	N/K	31-Jan, 20:39
4-6km E		Recorded	2	Projectile	N to S	N/K	31-Jan, 20:41
4-6km E		Recorded	2	Projectile	N to S	N/K	31-Jan, 20:42
4-6km E		Recorded	2	Projectile	N to S	N/K	31-Jan, 20:43
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Burst		HMG	1-Feb, 09:18-09:24
	2-3km SW	Heard	7	Shot		HMG	1-Feb, 09:18-09:24
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	1-Feb, 09:24
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	3	Burst		HMG	1-Feb, 10:18
	2-3km W	Heard	32	Shot		HMG	1-Feb, 10:56-11:09
SE edge of Kashtanove (non-government-controlled, 13km N of Donetsk)	1-2km W	Heard	22	Burst		HMG	1-Feb, 12:34-12:56
	1-2km W	Heard	6	Shot		Small arms	1-Feb, 12:34-12:56
	1-2km W	Heard	4	Explosion	Undetermined	N/K	1-Feb, 12:34-12:56
	1-2km SSW	Heard	5	Burst		Small arms	1-Feb, 12:34-12:56
	1-2km SSW	Heard	2	Shot		Small arms	1-Feb, 12:34-12:56
About 1km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-1.5km S	Heard	14	Shot	Assessed as outside the disengagement area	Small arms	1-Feb, 10:56
	1-1.5km S	Heard	4	Burst	Assessed as outside the disengagement area	HMG	1-Feb, 11:12
	1-1.5km S	Heard	1	Burst	Assessed as outside the disengagement area	HMG	1-Feb, 11:15

	3-4km SSW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-Feb, 12:31
	1-1.5km S	Heard	23	Shot	Assessed as outside the disengagement area	Small arms	1-Feb, 12:45-12:47
	1-1.5km S	Heard	7	Burst	Assessed as outside the disengagement area	HMG	1-Feb, 12:45-12:48
	1-1.5km S	Heard	4	Burst	Assessed as outside the disengagement area	HMG	1-Feb, 12:49
Netailove (government-controlled, 22km NW of Donetsk)	5-6km SE	Heard	12	Explosion	Undetermined	N/K	1-Feb, 09:20-09:25
Trudivski area (non-government-controlled, 15km SW of Donetsk city center)	2-3km SW	Heard	3	Shot		Small arms	1-Feb, 11:00
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	1km W	Heard	1	Explosion		N/K	1-Feb, 11:53
Svitlodarsk (government-controlled, 57km NE of Donetsk)	N/K N/K	Heard	24	Explosion	Undetermined	N/K	31-Jan, 22:01-22:15
	N/K N/K	Heard	3	Explosion	Undetermined	N/K	31-Jan, 22:37
	N/K N/K	Heard	7	Burst		HMG	31-Jan, 22:47
	N/K N/K	Heard	2	Burst		HMG	31-Jan, 23:14
	N/K N/K	Heard	6	Explosion	Undetermined	N/K	31-Jan, 23:39-23:45
	N/K N/K	Heard	18	Burst		HMG	31-Jan, 23:39
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	1-Feb, 10:52
	4-5km SE	Heard	20	Burst		HMG	1-Feb, 11:00-11:49
	4-5km SE	Heard	10	Explosion	Undetermined	N/K	1-Feb, 11:00-11:49
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	13	Projectile	N to S (assessed as outside the disengagement area)	N/K	31-Jan, 20:07
	3-5km E	Recorded	6	Projectile	S to N (assessed as outside the disengagement area)	N/K	31-Jan, 20:07
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	31-Jan, 20:08
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	31-Jan, 20:10
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	31-Jan, 20:11
	3-5km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	31-Jan, 23:55

	3-5km ESE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	31-Jan, 23:55
	3-5km E	Recorded	3	Projectile	S to N (assessed as outside the disengagement area)	N/K	1-Feb, 00:11
	3-5km ESE	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	1-Feb, 02:25
	3-5km E	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	1-Feb, 02:25
2km S of Muratove (government-controlled, 51km NW of Luhansk)	8-10km S	Heard	16	Explosion	Undetermined	N/K	1-Feb, 09:46-10:06
	3-4km SE	Heard	8	Shot		Small arms	1-Feb, 10:00-10:02
2km W of Orikhove Donetske (government-controlled, 44km NW of Luhansk)	5-7km S	Heard	15	Explosion	Undetermined	N/K	1-Feb, 10:14-10:16
	3-4km S	Heard	4	Burst		Small arms	1-Feb, 10:14-10:16
Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km W	Heard	3	Explosion	Undetermined	N/K	1-Feb, 10:46-11:38
	2-3km W	Heard	3	Burst		HMG	1-Feb, 10:46-11:38
	2-3km W	Heard	8	Burst		Small arms	1-Feb, 10:46-11:38
	2-3km W	Heard	3	Burst	Outgoing	Cannon (IFV, type n/k)	1-Feb, 10:46-11:38
	2-3km W	Heard	19	Shot	Outgoing	Cannon (IFV, type n/k)	1-Feb, 10:46-11:38
	2-3km W	Heard	7	Shot		Small arms	1-Feb, 10:46-11:38
Trokhizbenka (government-controlled, 32km NW of Luhansk)	6-7km SSW	Heard	2	Explosion	Undetermined	N/K	1-Feb, 11:11
1.5km SW of Berezhivske (non-government-controlled, 53km NW of Luhansk)	2-3km NE	Heard	23	Explosion	Undetermined	N/K	1-Feb, 11:53-12:21
	2-3km NW	Heard	23	Explosion	Undetermined	N/K	1-Feb, 11:53-12:21
	2-3km N	Heard	15	Burst		HMG	1-Feb, 11:53-12:21
	2-3km N	Heard	5	Explosion	Undetermined	N/K	1-Feb, 11:53-12:21
	2-3km NNW	Heard	11	Explosion	Undetermined	N/K	1-Feb, 11:53-12:21
NNE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	6-10km WNW	Heard	82	Explosion	Undetermined	N/K	1-Feb, 12:18-13:02
	6-10km WNW	Heard	79	Burst		HMG	1-Feb, 12:18-13:02
	6-10km WNW	Heard	117	Burst		Small arms	1-Feb, 12:18-13:02
	6-10km WNW	Heard	14	Shot		Cannon (IFV, type n/k)	1-Feb, 12:18-13:02

	6-10km WNW	Heard	38	burst		Cannon (IFV, type n/k)	1-Feb, 12:18-13:02
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	1	Projectile	WNW to ESE (also recorded by Oktiabr mine camera)	N/K	1-Feb, 22:36
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	13	Projectile	WSW to ENE	N/K	2-Feb, 03:02
	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	2-Feb, 04:05
	2-4km SSE	Recorded	2	Projectile	WNW to ESE	N/K	2-Feb, 05:11
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1.5-4km SSW	Recorded	1	Explosion	Undetermined (also recorded by Oktiabr Mine camera)	N/K	1-Feb, 22:13
	1.5-4km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Feb, 22:13
	1.5-4km SSW	Recorded	1	Explosion	Impact (also recorded by Avdiivka and Oktiabr Mine cameras)	N/K	1-Feb, 22:13
	2-4km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by Avdiivka and Oktiabr mine cameras)	N/K	2-Feb, 00:09
	500-800m S	Recorded	2	Muzzle flash		N/K	2-Feb, 05:53
	0.5-0.8km S	Recorded	2	Projectile	N to S (subsequent to previous event)	N/K	2-Feb, 05:53
	SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	1-3km ESE	Recorded	14	Projectile	N to S	N/K
1-3km ESE		Recorded	2	Explosion	Undetermined	N/K	1-Feb, 20:14
1-3km ESE		Recorded	5	Muzzle flash		N/K	1-Feb, 20:15
1-3km ESE		Recorded	3	Projectile	N to S	N/K	1-Feb, 20:15
1-3km ESE		Recorded	1	Projectile	NW to SE	N/K	1-Feb, 20:15
1-3km ESE		Recorded	1	Projectile	W to E	N/K	1-Feb, 20:15
1-3km ESE		Recorded	6	Projectile	N to S	N/K	1-Feb, 20:16
1-3km ESE		Recorded	3	Projectile	W to E	N/K	1-Feb, 20:16
1-3km ESE		Recorded	4	Muzzle flash		N/K	1-Feb, 20:16
1-3km ESE		Recorded	4	Muzzle flash		N/K	1-Feb, 20:17
1-3km ESE		Recorded	3	Projectile	N to S	N/K	1-Feb, 20:17
1-3km ESE		Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	1-Feb, 20:17
1-3km ESE		Recorded	3	Muzzle flash		N/K	1-Feb, 20:18
1-3km ESE		Recorded	4	Projectile	N to S	N/K	1-Feb, 20:18
1-3km ESE		Recorded	4	Projectile	SW to NE	N/K	1-Feb, 20:18
1-3km ESE		Recorded	1	Explosion	Undetermined	N/K	1-Feb, 20:34
2-4km ESE		Recorded	1	Projectile	WSW to ENE	N/K	2-Feb, 00:57
2km E		Recorded	1	Explosion	Undetermined	N/K	1-Feb, 20:12
2km E		Recorded	1	Projectile	NW to SE	N/K	1-Feb, 20:12
2km ESE		Recorded	1	Projectile	SW to NE	N/K	1-Feb, 20:23
2km ENE	Recorded	2	Explosion	Undetermined	N/K	1-Feb, 22:40	
1-3km ENE	Recorded	2	Projectile	NW to SE	N/K	2-Feb, 03:18	
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city center)	3-6km NE	Recorded	2	Explosion	Undetermined, also recorded by Avdiivka Camera	N/K	1-Feb, 22:25
	3-5km NE	Recorded	6	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	1-Feb, 23:31
SMM camera 1km SW of Shyrokyne (government-	5-7km N	Recorded	1	Explosion	Undetermined (also recorded	N/K	1-Feb, 20:14

controlled, 100km S of Donetsk)					by Hnutove EECF camera)		
	2-4km NNE	Recorded	6	Projectile	E to W	N/K	1-Feb, 22:39
	5-7km N	Recorded	9	Projectile	E to W	N/K	2-Feb, 01:36
About 4km, NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	2-3km N	Heard	3	Burst		HMG	2-Feb, 10:53
	1km NW	Heard	3	Shot		Small arms	2-Feb, 10:53
SW of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	2-4km NW	Heard	20	Explosion	Undetermined	N/K	2-Feb, 08:53-08:55
	2-4km NW	Heard	125	Shot		HMG	2-Feb, 08:58-09:00
	2-4km NW	Heard	Uncountable	Shots and bursts	Uncountable/overlapping	Small arms	2-Feb, 08:58-09:00
	2-4km NW	Heard	35	Explosion	Undetermined	N/K	2-Feb, 08:58-09:00
	2-4km NW	Heard	215	Shot		HMG	2-Feb, 09:02-09:04
	2-4km NW	Heard	15	Burst		HMG	2-Feb, 09:05-09:07
	2-4km NW	Heard	35	Shot		HMG	2-Feb, 09:05-09:07
	2-4km NW	Heard	6	Explosion	Undetermined	N/K	2-Feb, 09:05-09:07
	2-4km NW	Heard	2	Explosion	Undetermined	N/K	2-Feb, 09:07-09:10
	2-4km NW	Heard	45	Burst		HMG	2-Feb, 09:07-09:10
	2-4km NW	Heard	15	Shot		HMG	2-Feb, 09:07-09:10
	2-4km NW	Heard	52	Explosion	Undetermined	N/K	2-Feb, 09:10-09:30
	2-4km NW	Heard	155	Burst		HMG	2-Feb, 09:10-09:30
	2-4km NW	Heard	257	Shot		HMG	2-Feb, 09:10-09:30
	2-4km NW	Heard	108	Explosion	Undetermined	N/K	2-Feb, 09:30-09:54
	2-4km NW	Heard	400	Shot		HMG	2-Feb, 09:30-09:54
	2-4km NW	Heard	400	Shots and bursts		Small arms	2-Feb, 09:30-09:54
	2-4km NW	Heard	39	Explosion	Undetermined	N/K	2-Feb, 10:11-10:15
	2-4km NW	Heard	5	Burst		HMG	2-Feb, 10:11-10:15
	Svitlodarsk (government-controlled, 57km NE of Donetsk)	N/K	Heard	7	Explosion	Undetermined	N/K
N/K		Heard	2	Explosion	Undetermined	N/K	1-Feb, 22:48
N/K		Heard	3	Explosion	Undetermined	N/K	1-Feb, 23:39-23:43
N/K		Heard	2	Explosion	Undetermined	N/K	1-Feb, 23:57-23:59
3-4km SSE		Heard	2	Explosion	Undetermined	N/K	2-Feb, 09:30
3-4km SSE		Heard	4	Explosion	Undetermined	N/K	2-Feb, 12:33
3-4km SSE		Heard	4	Burst		HMG	2-Feb, 14:25
3-4km SSE		Heard	2	Explosion	Undetermined	N/K	2-Feb, 14:59
3-4km SSE		Heard	3	Explosion	Undetermined	N/K	2-Feb, 15:40
3-4km SSE		Heard	3	Explosion	Undetermined	N/K	2-Feb, 16:29
3-4km SSE		Heard	13	Burst		HMG	2-Feb, 16:32
3-4km SSE		Heard	7	Burst		HMG	2-Feb, 16:47
3-4km SSE		Heard	2	Explosion	Undetermined	N/K	2-Feb, 16:58

	3-4km SSE	Heard	15	Burst		HMG	2-Feb, 17:08
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	2-Feb, 17:34
	3-4km SSE	Heard	26	Burst		HMG	2-Feb, 17:41
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km W	Heard	2	Explosion	Undetermined	N/K	2-Feb, 06:35-06:36
	3-4km NW	Heard	2	Burst	Undetermined	HMG	2-Feb, 06:36-06:37
	3-4km W	Heard	4	Explosion	Undetermined	N/K	2-Feb, 07:01-07:02
	4-5km NW	Heard	1	Burst		HMG	2-Feb, 10:23
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km SSW	Heard	15	Burst		Small arms	2-Feb, 10:05
	1-2km SSW	Heard	20	Burst		Small arms	2-Feb, 10:15
Pivnichne (government-controlled, 44km north-east of Donetsk)	1-3km SE	Heard	3	Burst		Small arms	2-Feb, 10:23
	1-3km SE	Heard	1	Shot		Small arms	2-Feb, 10:23
	1-3km SW	Heard	1	Explosion	Undetermined	N/K	2-Feb, 10:30
	1-3km SE	Heard	1	Explosion	Undetermined	N/K	2-Feb, 10:38
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Feb, 20:27
	2-4km SSW	Recorded	2	Projectile	In vertical flight	N/K	2-Feb, 17:44
1.5km NW of Perediliske (government-controlled, 24km NW of Luhansk)	8-10km WNW	Heard	22	Explosion	Undetermined	Artillery (type N/K)	2-Feb, 10:20-10:45
1.3km N of Trokhizbenka (government-controlled, 32km NW of Luhansk)	5-7km WSW	Heard	46	Explosion	Undetermined	Artillery (type N/K)	2-Feb, 10:28-11:03
	5-7km WSW	Heard	84	Burst		HMG	2-Feb, 10:28-11:03
	3-5km W	Heard	82	Explosion	Undetermined	Artillery (type N/K)	2-Feb, 11:13-11:30
	3-5km W	Heard	86	Burst		HMG	2-Feb, 11:13-11:30
N edge of Vesela Hora (non-government-controlled, 16km N of Luhansk)	8-10km WNW	Heard	13	Explosion	Undetermined	N/K	2-Feb, 10:39-10:45
	8-10km WNW	Heard	2	Burst		N/K	2-Feb, 11:18-11:19
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	6-10km WNW	Heard	1	Explosion	Undetermined	N/K	2-Feb, 10:42-11:00
	6-10km WNW	Heard	1	Burst		HMG	2-Feb, 10:42-11:00
Heivka (government-controlled, 27km NW of Luhansk)	8-10km W	Heard	4	Explosion	Undetermined	Artillery (type N/K)	2-Feb, 11:32
2.8km SW of Yuzhne Lomuvatka (non-government-controlled, 60km W of Luhansk)	5-7km NW	Heard	31	Shot		IFV (BMP-1)	2-Feb, 12:21-12:23
E of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	4-5km WSW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)		2-Feb, 15:38
	3-5km WSW	Heard	5	Burst	Assessed as outside the disengagement area		2-Feb, 15:38