

Table of ceasefire violations as of 21 February 2020⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SE	Recorded	1	Projectile	SSW to NNE	N/K	20-Feb, 20:02
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:22
	3-5km SE	Recorded	3	Explosion	Undetermined (also recorded by the SMM Oktiabr camera)	N/K	21-Feb, 05:07
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km ESE	Recorded	3	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	20-Feb, 20:24
	1-3km ESE	Recorded	2	Projectile	NNW to SSE (assessed as inside the Petrivske disengagement area)	N/K	20-Feb, 20:24
	1-3km ESE	Recorded	7	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	20-Feb, 21:20
	1-3km ESE	Recorded	5	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	20-Feb, 22:32
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	3	Projectile	SSW to NNE	N/K	20-Feb, 18:06
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	20-Feb, 19:16
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 19:17
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	20-Feb, 19:18
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 19:19
	2-4km SE	Recorded	1	Projectile	SW to NE (in vertical flight)	N/K	20-Feb, 19:22
	3-5km SE	Recorded	7	Projectile	ENE to WSW	N/K	20-Feb, 19:29
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 19:32
	2-4km ESE	Recorded	2	Projectile	NE to SW	N/K	21-Feb, 02:34
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:56
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Feb, 05:06
	4-6km SSE	Recorded	1	Explosion	Impact, subsequent to the previous event	N/K	21-Feb, 05:06
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 05:08
SMM camera at Donetsk Filtration Station (DFS) (15km N of Donetsk)	2-4km SSW	Recorded	1	Projectile	In vertical flight	N/K	20-Feb, 19:00
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 05:00
	1-3km ESE	Recorded	6	Explosion	Undetermined	N/K	21-Feb, 05:06
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 05:07
SMM camera in Hranitne (government-	3-5km ENE	Recorded	1	Muzzle flash		N/K	20-Feb, 19:19
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	21-Feb, 03:45
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	21-Feb, 03:45

⁹ 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.

controlled, 60km S of Donetsk)							
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	3	Muzzle flash		N/K	20-Feb, 20:56
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km ENE	Recorded	3	Projectile	N to S	N/K	20-Feb, 20:56
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 23:04
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 23:06
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 23:08
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 01:57
	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 02:10
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-6km NE	Recorded	2	Explosion	Undetermined (also recorded by the SMM cameras in DFS and Avdiivka)	N/K	21-Feb, 02:22
	2-4km NNE	Recorded	5	Projectile	WNW to ESE	N/K	21-Feb, 02:28
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	21-Feb, 05:07
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 17:43
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 17:48
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 17:50
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 17:54
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	20-Feb, 19:13
	3-5km N	Recorded	1	Explosion	Impact, subsequent to the previous event	N/K	20-Feb, 19:13
	3-5km N	Recorded	14	Projectile	ESE to WNW	N/K	20-Feb, 20:06
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 20:28
	3-5km N	Recorded	3	Projectile	ESE to WNW	N/K	20-Feb, 20:29
	3-5km N	Recorded	5	Projectile	ESE to WNW	N/K	20-Feb, 20:33
	3-5km N	Recorded	5	Projectile	ESE to WNW	N/K	20-Feb, 20:35
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	20-Feb, 20:36
	3-5km N	Recorded	8	Projectile	ESE to WNW	N/K	20-Feb, 20:37
	3-5km N	Recorded	8	Projectile	ESE to WNW	N/K	20-Feb, 20:38
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 20:39
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 20:39
	3-5km N	Recorded	6	Projectile	ESE to WNW	N/K	20-Feb, 20:40
	3-5km N	Recorded	6	Projectile	ESE to WNW	N/K	20-Feb, 20:41
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 21:28
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	21-Feb, 02:36
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	21-Feb, 02:39
	3-5km N	Recorded	7	Projectile	WNW to ESE	N/K	21-Feb, 04:01
	3-5km N	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 04:08
	3-5km N	Recorded	5	Projectile	SE to NW	N/K	21-Feb, 04:15
	3-5km N	Recorded	3	Projectile	ESE to WNW	N/K	21-Feb, 04:19
	3-5km N	Recorded	3	Projectile	ESE to WNW	N/K	21-Feb, 04:21
	3-5km N	Recorded	4	Projectile	ESE to WNW	N/K	21-Feb, 04:22
	3-5km N	Recorded	4	Projectile	SE to NW	N/K	21-Feb, 04:23
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:24
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	21-Feb, 04:24
3-5km NNE	Recorded	2	Explosion	Undetermined	N/K	21-Feb, 04:31	
3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	21-Feb, 04:38	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 23:19
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 00:30
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 00:48

	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	21-Feb, 01:32
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 02:12
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 02:16
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 03:18
About 1.1km NW of Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	13	Burst	Within 5km radius of DFS	HMG	21-Feb, 12:58
	3km SW	Heard	1	Explosion	Undetermined (within 5km radius of DFS)	Small arms	21-Feb, 13:02
	1-2km SW	Heard	9	Shot	Within 5km radius of DFS.	Small arms	21-Feb, 13:06
	2-3km SW	Heard	10	Burst	Within 5km radius of DFS.	HMG	21-Feb, 13:13
	2-3km SW	Heard	1	Explosion	Undetermined (within 5km radius of DFS)	N/K	21-Feb, 13:13
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1km SE	Heard	1	Shot	Within 5km radius of DFS	Small arms	21-Feb, 08:57-10:03
	1-2km SE	Heard	1	Burst	Within 5km radius of DFS	Small arms	21-Feb, 10:55
	1-2km SE	Heard	1	Burst	Within 5km radius of DFS	Small arms	21-Feb, 11:37
About 1km NNE of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	2-3km N	Heard	3	Burst		HMG	21-Feb, 09:40
	1-2km NNE	Heard	7	Burst		HMG	21-Feb, 10:16
	2-3km E	Heard	2	Burst		Small arms	21-Feb, 10:23
About 6km NW of Donetsk city centre (non-government-controlled)	2-3km S	Heard	12	Burst			21-Feb, 12:25-12:30
Krasnohorivka (government-controlled, 21km W of Donetsk)	1-2km N	Heard	3	Burst		Small arms	21-Feb, 12:50
About 1.8km NE of Stepanivka (government-controlled, 36km W of Donetsk)	2-3km NE	Heard	3	Burst		HMG	21-Feb, 11:10
About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	21-Feb, 10:38
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 18:48
	2-3km SE	Heard	4	Burst		Small arms	20-Feb, 18:54-18:56
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:03
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	20-Feb, 19:05-19:06
	2-4km SE	Heard	10	Burst		HMG	20-Feb, 19:05-19:06
	2-4km SE	Heard	12	Burst		HMG	20-Feb, 19:13-19:14
	2-4km SE	Heard	10	Burst		HMG	20-Feb, 19:16-19:17
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:17
	2-4km SE	Heard	14	Burst		Small arms	20-Feb, 19:18-19:20
2-4km SE	Heard	6	Burst		HMG	20-Feb, 19:21-19:22	

2-5km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:24
2-4km SE	Heard	10	Burst		Small arms	20-Feb, 19:26
2-4km SE	Heard	2	Burst		HMG	20-Feb, 19:28
2-4km SE	Heard	9	Burst		Small arms	20-Feb, 19:30
2-4km SE	Heard	2	Burst		HMG	20-Feb, 19:31
2-4km SE	Heard	4	Shot		Small arms	20-Feb, 19:46
2-4km SE	Heard	12	Burst		HMG	20-Feb, 19:52-19:53
2-4km SE	Heard	5	Burst		HMG	20-Feb, 20:08
2-4km SE	Heard	17	Burst		HMG	20-Feb, 20:12-20:14
2-4km SE	Heard	6	Burst		Small arms	20-Feb, 20:14
2-4km SE	Heard	8	Shot		Small arms	20-Feb, 20:18
2-5km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 20:19
2-4km SE	Heard	6	Burst		Small arms	20-Feb, 20:23
2-4km SE	Heard	3	Burst		HMG	20-Feb, 20:24
2-4km SE	Heard	14	Burst		Small arms	20-Feb, 20:28
2-4km SE	Heard	12	Burst		HMG	20-Feb, 20:29-20:30
2-4km SE	Heard	7	Burst		HMG	20-Feb, 20:40
2-4km SE	Heard	8	Shot		Small arms	20-Feb, 20:42
2-4km SE	Heard	5	Burst		Small arms	20-Feb, 20:44
2-4km SE	Heard	4	Burst		HMG	20-Feb, 20:47
2-4km SE	Heard	23	Burst		Small arms	20-Feb, 20:49-20:52
2-4km SE	Heard	3	Burst		HMG	20-Feb, 21:03
2-4km SE	Heard	2	Burst		HMG	20-Feb, 21:07
2-4km SE	Heard	2	Explosion	Undetermined	N/K	20-Feb, 21:20
2-4km SE	Heard	7	Burst		HMG	20-Feb, 21:21-21:23
2-4km SE	Heard	5	Burst		HMG	20-Feb, 21:26-21:30
2-4km SE	Heard	4	Burst		HMG	20-Feb, 21:34-21:38
2-4km SE	Heard	5	Burst		HMG	20-Feb, 21:42-21:47
2-4km SE	Heard	11	Burst		HMG	20-Feb, 21:53-21:57
2-4km SE	Heard	9	Burst		HMG	20-Feb, 22:03-22:07
2-4km SE	Heard	26	Burst		HMG	20-Feb, 22:11-22:20
2-4km SE	Heard	5	Burst		HMG	20-Feb, 22:30-22:33
2-4km SE	Heard	2	Burst		HMG	20-Feb, 22:42
2-4km SE	Heard	14	Burst		HMG	20-Feb, 22:54-23:03
2-4km SE	Heard	8	Burst		HMG	20-Feb, 23:05-23:11
2-4km SE	Heard	27	Burst		HMG	20-Feb, 23:16-23:26
2-4km SE	Heard	15	Burst		HMG	20-Feb, 23:29-23:35
2-4km SE	Heard	16	Burst		HMG	20-Feb, 23:39-23:42
2-4km SE	Heard	7	Burst		HMG	20-Feb, 23:52-23:59
2-4km SE	Heard	80	Burst		HMG	21-Feb, 07:00-07:55
2-4km SE	Heard	115	Explosion	undetermined	N/K	21-Feb, 07:00-08:05

	4-6km SW	Heard	5	Explosion	Undetermined	N/K	21-Feb, 15:11-15:15
	2-4km SE	Heard	7	Explosion	Undetermined	N/K	21-Feb, 15:41-15:47
Novoluhanske (government-controlled, 53km NE of Donetsk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 09:50
W of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	1-2km E	Heard	2	Burst		Small arms	21-Feb, 10:51-10:55
	1-2km E	Heard	1	Shot		Small arms	21-Feb, 10:51-10:55
	2-3km E	Heard	1	Explosion	Undetermined	N/K	21-Feb, 10:51-10:55
Kodema (government-controlled, 57km NE of Donetsk)	3-5km W	Heard	15	Explosion	Undetermined	N/K	21-Feb, 11:00-11:06
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 20:27
	3-5km SSW	Recorded	7	Projectile	WNW to ESE	N/K	20-Feb, 20:42
	3-5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 20:42
	3-5km S	Recorded	3	Explosion	Undetermined	N/K	20-Feb, 20:42
	3-5km SSW	Recorded	3	Muzzle flash		N/K	20-Feb, 20:42
	3-5km SSW	Recorded	3	Projectile	WNW to ESE	N/K	20-Feb, 20:43
	3-5km SSW	Recorded	2	Muzzle flash		N/K	20-Feb, 20:43
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 20:43
	3-5km SSW	Recorded	5	Muzzle flash		N/K	20-Feb, 20:44
	3-5km SSW	Recorded	6	Projectile	WNW to ESE	N/K	20-Feb, 20:44
	3-5km SSW	Recorded	1	Muzzle flash		N/K	20-Feb, 20:45
	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	20-Feb, 20:45
	3-5km SSW	Recorded	3	Muzzle flash		N/K	20-Feb, 20:46
	3-5km SSW	Recorded	2	Projectile	WNW to ESE	N/K	20-Feb, 20:46
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 21:12
	3-5km SSW	Recorded	1	Muzzle flash		N/K	20-Feb, 21:13
	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	20-Feb, 21:13
	3-5km SSW	Recorded	2	Muzzle flash		N/K	20-Feb, 21:24
	3-5km SSW	Recorded	2	Projectile	WNW to ESE	N/K	20-Feb, 21:24
	3-5km SSW	Recorded	2	Muzzle flash		N/K	20-Feb, 21:25
3-5km SSW	Recorded	1	Projectile	In vertical flight	N/K	20-Feb, 23:55	
3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 00:47	
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Feb, 20:35
	4-6km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	20-Feb, 20:42
	4-6km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Feb, 21:34
	4-6km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	20-Feb, 21:49
	4-6km E	Recorded	1	Explosion	Impact (assessed as outside the disengagement area)	N/K	20-Feb, 21:49
	4-6km E	Recorded	2	Projectile	S to N (assessed as outside the disengagement area)	N/K	20-Feb, 21:49
	4-6km E	Recorded	2	Projectile	SW to NE (undetermined,	N/K	20-Feb, 21:50

					assessed as outside the disengagement area)		
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 03:44
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 03:54
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 03:55
	4-6km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	21-Feb, 03:57
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 03:57
	4-6km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	21-Feb, 03:58
	4-6km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 03:58
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 04:00
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 04:03
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 04:04
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 12:19
SW edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km NE	Heard	1	Shot		Small arms	21-Feb, 09:38
	5-6km NNE	Heard	20	Explosion	Undetermined	N/K	21-Feb, 12:37-13:15
	1-2km NNW	Heard	7	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	21-Feb, 12:37-13:15
	5-6km NNE	Heard	15	Burst		Small arms	21-Feb, 12:37-13:15
	5-6km NNE	Heard	5	Shot		Small arms	21-Feb, 12:37-13:15
	5-6km NNE	Heard	123	Burst		HMG	21-Feb, 12:37-13:15
	E edge of Toshkivka (government-controlled, 60km NW of Luhansk)	5-7km SE	Heard	4	Explosion	Undetermined	N/K
N edge of Zolote disengagement area (government-controlled, 60km W of Luhansk)	5-6km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 10:08-10:12
	5-6km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 10:31
Zolote-5/Mykhailivika (non-government-controlled, 58km NW of Luhansk)	1km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 12:01-12:03

2km E of Zolote-2/Karbonit (government-controlled, 62km NW of Luhansk)	3-5km SE	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 14:48-14:50
S edge of Zolote disengagement area (government-controlled, 60km W of Luhansk)	6-8km N	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 14:54-14:56
	6-8km NE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 14:54-14:56
Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km NE	Heard	2	Explosion	Undetermined	N/K	21-Feb, 11:04-11:17
	4-5km E	Heard	4	Shot		Small arms	21-Feb, 11:04-11:17
S edge of Holubivske (non-government controlled, 51km W of Luhansk)	4-5km E	Heard	2	Explosion	Undetermined	N/K	21-Feb, 12:38-12:46
	2-3km NE	Heard	7	Shot		HMG	21-Feb, 12:38-12:46
	2-3km NE	Heard	13	Burst		HMG	21-Feb, 12:38-12:46
	3-5km N	Heard	6	Burst		HMG	21-Feb, 12:38-12:46
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	4-5km S	Heard	2	Explosion	Impact	N/K	21-Feb, 11:09
	4-5km S	Heard	4	Burst		HMG	21-Feb, 11:16
	10-15km SW	Heard	2	Explosion	Impact	N/K	21-Feb, 11:25
E edge of Donetskyyi (non-government controlled, 49km west of Luhansk)	4-5km NE	Heard	7	Explosion	Undetermined	N/K	21-Feb, 12:13-12:20
	4-5km N	Heard	6	Shot		HMG	21-Feb, 12:13-12:20
	4-5km N	Heard	12	Burst		HMG	21-Feb, 12:13-12:20
NE edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	5-6km NE	Heard	9	Burst		N/K	21-Feb, 12:50-12:56
1.7km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	5-6km NNE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	21-Feb, 14:10-14:11