

Table of ceasefire violations as of 10 May 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	1	Projectile	NW to SE (also recorded by the SMM camera at Oktiabr mine)	N/K	8-May, 21:28
	2-3km ESE	Recorded	1	Projectile	SSW to NNE (also recorded by the SMM camera at Oktiabr mine)	N/K	8-May, 21:29
	3-5km SE	Recorded	5	Explosion	Undetermined	N/K	8-May, 21:38
	3-5km SE	Recorded	5	Explosion	Undetermined	N/K	8-May, 21:39
	2-3km ESE	Recorded	6	Projectile	N to S	N/K	8-May, 21:45
	2-3km ESE	Recorded	2	Muzzle flash		N/K	8-May, 21:45
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	9-May, 00:26
	2-4km E	Recorded	2	Projectile	SSW to NNE	N/K	9-May, 00:47
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	9-May, 01:17
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	9-May, 01:18
	2-4km ESE	Recorded	1	Projectile	N to S (also recorded by the SMM camera in Oktiabr Mine)	N/K	9-May, 01:49
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-2km E	Recorded	4	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	8-May, 20:56
	1-2km E	Recorded	7	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	8-May, 20:57
	2-3km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	8-May, 20:59
	1-2km E	Recorded	7	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	8-May, 21:48
	3-5km SE	Recorded	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	8-May, 21:48
	2-3km ESE	Recorded	2	Projectile	NNE to SSW (assessed as	N/K	8-May, 21:57

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.

					inside the Petrivske disengagement area)		
	1-2km E	Recorded	5	Projectile	NNW to SSE (assessed as inside the Petrivske disengagement area)	N/K	8-May, 23:17
	2-4km SE	Recorded	5	Projectile	NNE to SSW (unable to assess as inside or outside the Petrivske disengagement area)	N/K	9-May, 00:06
	1-2km E	Recorded	5	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	9-May, 02:11
	1-2km E	Recorded	4	Projectile	NNW to SSE (assessed as inside the Petrivske disengagement area)	N/K	9-May, 03:01
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	9-May, 00:48
	0.8-1km S	Recorded	1	Projectile	SSE to NNW	N/K	9-May, 00:55
	0.8-1km S	Recorded	1	Muzzle flash		N/K	9-May, 00:55
	500-700m S	Recorded	1	Explosion	Undetermined	N/K	9-May, 01:02
	3-5km S	Recorded	1	Projectile	In vertical flight	N/K	9-May, 01:17
	3-5km SSW	Recorded	5	Projectile	In vertical flight	N/K	9-May, 03:20
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km SE	Recorded	17	Projectile	SSW to NNE	N/K	8-May, 22:43
	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	8-May, 22:47
	3-5km ESE	Recorded	1	Muzzle flash		N/K	8-May, 22:48
	3-5km SE	Recorded	4	Projectile	SW to NE	N/K	8-May, 22:51
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	8-May, 22:58
	3-5km SE	Recorded	7	Projectile	NNE to SSW	N/K	8-May, 23:11
	3-5km SE	Recorded	7	Projectile	NNE to SSW	N/K	8-May, 23:12
	3-5km ESE	Recorded	7	Muzzle flash		N/K	8-May, 23:24
	3-5km ESE	Recorded	7	Projectile	NNE to SSW (subsequent to previous event)	N/K	8-May, 23:24
	3-5km ESE	Recorded	7	Projectile	SW to NE	N/K	8-May, 23:27
	3-5km ESE	Recorded	2	Projectile	In vertical flight	N/K	8-May, 23:27
	3-5km ESE	Recorded	19	Projectile	SW to NE	N/K	8-May, 23:29
	3-5km ESE	Recorded	4	Projectile	In vertical flight	N/K	8-May, 23:29
	3-5km ESE	Recorded	14	Projectile	SW to NE	N/K	8-May, 23:30
	3-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	8-May, 23:30
	3-5km ESE	Recorded	1	Muzzle flash		N/K	8-May, 23:30
	3-5km ESE	Recorded	4	Projectile	SW to NE	N/K	8-May, 23:31
	3-5km SE	Recorded	1	Muzzle flash		N/K	8-May, 23:33
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	8-May, 23:34
	3-5km ESE	Recorded	1	Muzzle flash		N/K	8-May, 23:34
	3-5km ESE	Recorded	1	Projectile	In vertical flight (subsequent to previous event)	N/K	8-May, 23:34
	3-5km ESE	Recorded	4	Projectile	In vertical flight	N/K	8-May, 23:46
	3-5km ESE	Recorded	5	Projectile	SW to NE	N/K	8-May, 23:46
3-5km SE	Recorded	1	Projectile	SW to NE	N/K	9-May, 00:05	

	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 00:09
	2-4km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-May, 00:09
	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 00:10
	3-5km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-May, 00:10
	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 00:10
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	9-May, 00:11
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 00:11
	2-4km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-May, 00:11
	2-4km SE	Recorded	1	Muzzle flash		N/K	9-May, 00:11
	2-4km SE	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	9-May, 00:11
	2-4km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-May, 00:11
	2-5km ESE	Recorded	2	Projectile	SW to NE	N/K	9-May, 00:49
SMM camera at Oktiabr Mine (non-government-controlled, 9km NW of Donetsk city centre)	4-6km NNE	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Avdiivka)	N/K	8-May, 22:57
	2-4km NE	Recorded	1	Projectile	W to E	N/K	8-May, 23:06
	2-4km NE	Recorded	3	Projectile	W to E	N/K	8-May, 23:07
	4-6km NE	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 01:17
	4-6km NE	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 01:18
	4-6km NNE	Recorded	5	Projectile	In vertical flight	N/K	9-May, 03:20
	4-6km NNE	Recorded	13	Projectile	In vertical flight (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 03:20
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km NNE	Recorded	5	Projectile	E to W	N/K	8-May, 21:27
	4-6km NNE	Recorded	2	Projectile	E to W	N/K	8-May, 21:28
	4-6km NNE	Recorded	3	Projectile	E to W	N/K	8-May, 21:29
	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	8-May, 21:33
	4-6km N	Recorded	3	Projectile	In vertical flight	N/K	8-May, 21:46
	4-6km N	Recorded	14	Projectile	In vertical flight	N/K	8-May, 21:49
	4-6km N	Recorded	7	Projectile	In vertical flight	N/K	8-May, 21:50
	4-6km NNE	Recorded	2	Projectile	E to W	N/K	8-May, 21:50
	4-6km NNE	Recorded	2	Projectile	W to E	N/K	8-May, 21:50
	4-6km NNE	Recorded	12	Projectile	E to W	N/K	8-May, 21:54
	4-6km NNE	Recorded	29	Projectile	In vertical flight	N/K	8-May, 22:06
	4-6km NNE	Recorded	5	Muzzle flash		N/K	8-May, 22:30
	4-6km NNE	Recorded	6	Projectile	E to W	N/K	8-May, 22:44
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	8-May, 22:45
	4-6km N	Recorded	3	Muzzle flash		N/K	8-May, 22:46
	4-6km N	Recorded	8	Projectile	E to W	N/K	8-May, 22:46
	4-6km N	Recorded	5	Projectile	E to W	N/K	8-May, 22:47
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	8-May, 22:48
	4-6km NNE	Recorded	2	Muzzle flash		N/K	8-May, 22:48
	4-6km NNE	Recorded	5	Muzzle flash		N/K	8-May, 22:49
4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	8-May, 22:49	

	4-6km NNE	Recorded	1	Projectile	E to W	N/K	8-May, 22:49
	4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	8-May, 22:50
	4-6km NNE	Recorded	5	Projectile	E to W	N/K	8-May, 22:53
	4-6km N	Recorded	1	Projectile	E to W	N/K	8-May, 22:54
	4-6km N	Recorded	1	Projectile	E to W	N/K	8-May, 22:57
	4-6km N	Recorded	11	Projectile	W to E	N/K	8-May, 22:59
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	8-May, 23:00
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	8-May, 23:01
	4-6km N	Recorded	2	Projectile	E to W	N/K	8-May, 23:01
	4-6km N	Recorded	2	Projectile	W to E	N/K	8-May, 23:04
	4-6km N	Recorded	23	Projectile	W to E	N/K	8-May, 23:05
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	8-May, 23:06
	4-6km N	Recorded	1	Projectile	E to W	N/K	8-May, 23:13
	4-6km NNE	Recorded	1	Muzzle flash		N/K	9-May, 00:19
	4-6km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	9-May, 00:19
	4-6km NNE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-May, 00:19
	4-6km NNE	Recorded	10	Projectile	E to W	N/K	9-May, 00:19
	4-6km NNE	Recorded	5	Projectile	E to W	N/K	9-May, 00:26
	4-6km NNE	Recorded	3	Projectile	E to W	N/K	9-May, 03:11
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-May, 03:11
SMM camera in Svitlodarsk (government- controlled, 57km NE of Donetsk)	2-4km WSW	Recorded	2	Projectile	NNW to SSE	N/K	8-May, 21:34
	2-4km WSW	Recorded	1	Explosion	Undetermined	N/K	8-May, 21:34
	2-4km WSW	Recorded	1	Projectile	NNW to SSE	N/K	9-May, 00:50
	3-5km WSW	Recorded	1	Projectile	SE to NW	N/K	9-May, 00:50
	2-4km WSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 01:30
	2-4km WSW	Recorded	2	Explosion	Undetermined	N/K	9-May, 02:43
About 1km NW of the railway station in Yasynuvata (non- government- controlled, 16km NE of Donetsk)	1-2km NW	Heard	6	Shot		Small arms	9-May, 09:43
Trudivski area of Donetsk city's Petrovskiyi district (non-government- controlled, 15km SW of Donetsk city centre)	1-2km SSW	Heard	1	Shot		Small arms	9-May, 12:54
	1-2km SSW	Heard	1	Explosion	Undetermined	N/K	9-May, 12:54
About 4.5km NW of Zalizne (formerly Artemove, government- controlled, 42km NE of Donetsk)	1-2km NNW	Heard	6	Explosion	Undetermined	N/K	9-May, 10:27- 10:33
	1-2km NNW	Heard	100	Burst		Small arms	9-May, 10:27- 10:33
	1-2km NNW	Heard	305	Burst		Small arms	9-May, 10:33- 10:38
	1-2km NNW	Heard	2	Explosion	Undetermined	N/K	9-May, 10:33- 10:38
	1-2km NNW	Heard	300	Burst		HMG	9-May, 10:33- 10:38
	650m NNW	Heard	2	Explosion	Impact	N/K	9-May, 10:33- 10:38
	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	9-May, 11:09
Svitlodarsk (government- controlled, 57km NE of Donetsk)	2-3km S	Heard	1	Burst		HMG	8-May, 18:38
	4-5km S	Heard	1	Explosion	Undetermined	N/K	8-May, 19:09
	3-4km S	Heard	6	Burst		HMG	8-May, 19:33- 19:38
	2-3km SW	Heard	3	Burst		HMG	8-May, 19:45

	3-4km SSW	Heard	2	Explosion	Undetermined	N/K	8-May, 20:05-20:07
	3-4km S	Heard	2	Explosion	Undetermined	N/K	8-May, 20:25-20:33
	2-3km SSW	Heard	1	Burst		Small arms	8-May, 20:34
	4-5km WSW	Heard	3	Explosion	Undetermined	N/K	8-May, 20:40-20:42
	2-3km WSW	Heard	2	Burst		Small arms	8-May, 20:43
	3-4km SW	Heard	10	Burst		HMG	8-May, 21:10-21:11
	3-4km S	Heard	3	Explosion	Undetermined	N/K	8-May, 21:32-21:35
	3-4km SW	Heard	2	Burst		HMG	8-May, 21:35
	2-3km WSW	Heard	17	Burst		HMG	8-May, 22:38-02:45
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	8-May, 22:55
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	8-May, 22:59
	3-4km S	Heard	1	Explosion	Undetermined	N/K	8-May, 23:38
	4-5km S	Heard	2	Explosion	Undetermined	N/K	9-May, 15:58
	2-3km S	Heard	3	Explosion	Undetermined	N/K	9-May, 18:05-18:08
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km NW	Heard	10	Explosion	Undetermined	N/K	9-May, 05:30-05:43
	3-5km NW	Heard	5	Burst		N/K	9-May, 05:45
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	3	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	8-May, 23:57
	3-5km E	Recorded	7	Projectile	N to S (assessed as outside the disengagement area)	N/K	8-May, 23:57
	3-5km E	Recorded	3	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	8-May, 23:58
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	8-May, 23:58
	3-5km E	Recorded	4	Projectile	N to S (assessed as outside the disengagement area)	N/K	9-May, 00:28
	3-5km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	9-May, 00:28
	3-5km E	Recorded	14	Projectile	N to S (assessed as outside the disengagement area)	N/K	9-May, 03:23
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 01:05
S edge of the disengagement	3-5km NE	Heard	10	Explosion	Undetermined (assessed as	N/K	9-May, 10:07-10:24

area near Zolote (government-controlled, 60km W of Luhansk)					outside the disengagement area)		
	3-5km NE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 11:26-11:32
SW edge of Zolote (government-controlled, 60km W of Luhansk)	3-5km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 12:10
1.3km SW of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km NW	Heard	2	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	9-May, 13:59-14:12
	3km NE	Heard and saw	2	Explosion	Impact (assessed as outside the Zolote disengagement area)	N/K	9-May, 13:59-14:12
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-May, 20:31
	2-4km ESE	Recorded	3	Projectile	In vertical flight	N/K	9-May, 20:46
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	9-May, 20:46
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-May, 20:48
	2-4km ESE	Recorded	7	Projectile	N to S	N/K	9-May, 20:51
	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:02
	2-4km ESE	Recorded	7	Projectile	ENE to WSW	N/K	9-May, 21:03
	2-4km ESE	Recorded	2	Projectile	NNW to SSE	N/K	9-May, 21:05
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:05
	3-5km SE	Recorded	5	Explosion	Undetermined	N/K	9-May, 21:05
	2-4km ESE	Recorded	2	Projectile	NW to SE	N/K	9-May, 21:05
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	9-May, 21:05
	2-4km SE	Recorded	8	Explosion	Undetermined	N/K	9-May, 21:06
	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	9-May, 21:07
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-May, 21:10
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:14
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:19
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:20
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:20
	2-4km ESE	Recorded	1	Projectile	NW to SE	N/K	9-May, 21:22
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-May, 21:22
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:47
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 21:48
	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 22:00
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 22:33
	2-4km ESE	Recorded	2	Projectile	NW to SE	N/K	9-May, 22:33
3-5km ESE	Recorded	2	Projectile	In vertical flight	N/K	9-May, 22:49	
2-4km ESE	Recorded	5	Projectile	SSW to NNE	N/K	9-May, 23:51	
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km SE	Recorded	19	Projectile	In vertical flight (assessed as outside the Petrivske disengagement area)	N/K	9-May, 21:00
	3-5km SE	Recorded	2	Projectile	In vertical flight (assessed as	N/K	9-May, 21:00

					outside the Petrivske disengagement area)		
3-5km SE	Recorded	2	Explosion	Airburst (subsequent to previous event, assessed as outside the Petrivske disengagement area)	N/K	9-May, 21:00	
3-5km SE	Recorded	12	Projectile	In vertical flight (assessed as outside the Petrivske disengagement area)	N/K	9-May, 21:01	
3-5km ESE	Recorded	1	Explosion	Undetermined (unable to assess as inside or outside the Petrivske disengagement area)	N/K	9-May, 21:43	
2-3km E	Recorded	3	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	9-May, 22:09	
2-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the Petrivske disengagement area, also recorded by the SMM camera in Berezoze)	N/K	9-May, 22:26	
2-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the Petrivske disengagement area)	N/K	10-May, 00:12	
4-6km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	10-May, 00:22	
2-3km ESE	Recorded	4	Illumination flare	In vertical flight (assessed as inside the Petrivske disengagement area)	N/K	10-May, 01:18	
4-6km ESE	Recorded	3	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	10-May, 01:18	
2-3km ESE	Recorded	1	Illumination flare	In vertical flight (assessed as inside the	N/K	10-May, 01:27	

					Petrivske disengagement area)		
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight (unable to assess as inside or outside the Petrivske disengagement area)	N/K	10-May, 02:42
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 20:30
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 20:46
	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	9-May, 20:49
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 20:51
	1-3km SSW	Recorded	2	Projectile	WNW to ESE	N/K	9-May, 20:51
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 20:52
	1-2km SSW	Recorded	1	Projectile	N to S	N/K	9-May, 20:57
	1-2km S	Recorded	1	Projectile	WNW to ESE	N/K	9-May, 20:58
	1-2km SSW	Recorded	1	Projectile	NE to SW	N/K	9-May, 21:00
	1-2km SSW	Recorded	1	Projectile	NE to SW	N/K	9-May, 21:01
	1-2km SSW	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 21:03
	1-2km S	Recorded	1	Illumination flare	In vertical flight (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 21:03
	1-2km SSW	Recorded	7	Projectile	NW to SE	N/K	9-May, 21:03
	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:04
	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	9-May, 21:04
	1-2km SSW	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 21:04
	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:05
	1-3km SSW	Recorded	1	Projectile	E to W	N/K	9-May, 21:05
	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:06
	1-2km S	Recorded	1	Projectile	WNW to ESE	N/K	9-May, 21:10
	3-5km SSW	Recorded	4	Explosion	Undetermined	N/K	9-May, 21:19
	1-2km SSW	Recorded	1	Projectile	NNE to SSW	N/K	9-May, 21:19
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:20
	3-5km SSW	Recorded	3	Explosion	Undetermined (also recorded by the SMM cameras in Avdiivka and Oktiabr Mine)	N/K	9-May, 21:21
	1-3km SSW	Recorded	14	Projectile	E to W (also recorded by the SMM cameras in Avdiivka and Oktiabr Mine)	N/K	9-May, 21:21
	0.7-1km SSW	Recorded	2	Muzzle flash		N/K	9-May, 21:22
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:22
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:24
	0.7-1km SSW	Recorded	2	Projectile	NW to SE	N/K	9-May, 21:27
	0.7-1km SSW	Recorded	3	Projectile	NW to SE	N/K	9-May, 22:32
	200-500m S	Recorded	1	Projectile	WNW to ESE	N/K	9-May, 23:02
	0.7-1km SSW	Recorded	1	Projectile	E to W	N/K	9-May, 23:51
0.7-1km SSW	Recorded	1	Projectile	NNE to SSW	N/K	9-May, 23:51	
2-4km SSW	Recorded	3	Projectile	WNW to ESE	N/K	9-May, 23:51	
0.7-1km SSW	Recorded	1	Projectile	NE to SW	N/K	9-May, 23:52	
0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	10-May, 00:27	
SMM camera at entry-exit	3-5km ENE	Recorded	2	Explosion	Undetermined	N/K	9-May, 22:10
	2-4km ENE	Recorded	1	Muzzle flash		N/K	9-May, 23:30

checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ENE	Recorded	1	Projectile	NW to SE (subsequent to previous event)	N/K	9-May, 23:30
	2-4km ENE	Recorded	1	Muzzle flash		N/K	9-May, 23:34
	2-4km ENE	Recorded	1	Projectile	NW to SE (subsequent to previous event)	N/K	9-May, 23:34
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	10-May, 01:20
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	4-6km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:22
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Recorded	2	Projectile	N to S	N/K	9-May, 23:25
	2-4km SE	Recorded	2	Projectile	N to S	N/K	9-May, 23:26
	2-4km SE	Recorded	2	Projectile	NW to SE	N/K	9-May, 23:28
	5-7km SE	Recorded	1	Explosion	Undetermined	N/K	9-May, 23:36
	2-4km E	Recorded	1	Projectile	NW to SE	N/K	10-May, 02:43
	2-4km E	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	10-May, 02:43
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:17
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	5-7km NNE	Recorded	1	Projectile	W to E	N/K	9-May, 20:58
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	10-May, 01:00
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km W	Recorded	1	Projectile	N to S	N/K	9-May, 20:36
	1-3km W	Recorded	4	Projectile	N to S	N/K	9-May, 20:37
	2-4km NE	Recorded	8	Projectile	WNW to ESE	N/K	9-May, 21:03
	2-4km NE	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 21:04
	2-4km NE	Recorded	1	Projectile	S to N (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 21:04
	2-4km NE	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 21:04
	2-4km NE	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	9-May, 21:05
	2-4km NE	Recorded	3	Explosion	Undetermined	N/K	9-May, 21:05
	2-4km ENE	Recorded	3	Explosion	Undetermined	N/K	9-May, 21:05
	2-4km ENE	Recorded	6	Explosion	Undetermined	N/K	9-May, 21:06
	2-4km NE	Recorded	1	Projectile	W to E	N/K	9-May, 21:07
	2-4km NE	Recorded	3	Explosion	Undetermined	N/K	9-May, 21:19
	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:20
	2-4km NE	Recorded	2	Projectile	S to N	N/K	9-May, 21:22
2-4km NE	Recorded	2	Projectile	W to E	N/K	9-May, 21:27	

	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:29
	2-4km NE	Recorded	2	Projectile	W to E	N/K	9-May, 21:35
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:37
	2-4km NE	Recorded	2	Projectile	W to E	N/K	9-May, 22:16
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	9-May, 22:30
	2-4km NE	Recorded	3	Projectile	W to E	N/K	9-May, 22:32
	2-4km NE	Recorded	1	Projectile	W to E	N/K	10-May, 03:15
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	3	Burst	In vertical flight	N/K	9-May, 20:53
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	9-May, 21:00
	3-5km N	Recorded	1	Projectile	S to N	N/K	9-May, 22:16
	3-5km N	Recorded	7	Projectile	W to E	N/K	9-May, 22:17
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	9-May, 22:23
	3-5km N	Recorded	12	Projectile	W to E	N/K	9-May, 22:42
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	9-May, 22:54
	2-4km NNE	Recorded	7	Projectile	SE to NW	N/K	9-May, 23:13
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	9-May, 23:21
	3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	9-May, 23:41
	3-5km N	Recorded	12	Projectile	WSW to ENE	N/K	9-May, 23:42
	3-5km N	Recorded	26	Projectile	WSW to ENE	N/K	9-May, 23:44
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	9-May, 23:45
	3-5km N	Recorded	15	Projectile	W to E	N/K	10-May, 00:12
	2-4km N	Recorded	23	Projectile	W to E	N/K	10-May, 00:37
	3-5km N	Recorded	20	Projectile	ESE to WNW	N/K	10-May, 00:42
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	10-May, 02:53
	3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	10-May, 03:14
	3-5km N	Recorded	3	Projectile	WSW to ENE	N/K	10-May, 03:15
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	10-May, 03:16
3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	10-May, 03:17	
3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	10-May, 03:18	
3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	10-May, 03:20	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:47
About 400m W of Mineralne (non-government-controlled, 10km north-east of Donetsk)	2-3km NW	Heard	27	Shot		Small-arms	10-May, 10:40
	2-3km NW	Heard	16	Shot		Small-arms	10-May, 10:50
	2-3km NW	Heard	4	Burst		HMG	10-May, 10:50
About 1km NW of the railway Station in Yasnyuvata (non-government-controlled, 16km NE of Donetsk)	3km SW	Heard	2	Burst		HMG	10-May, 09:28
	3km SW	Heard	1	Explosion	Undetermined	N/K	10-May, 09:28
Donetsk city centre (non-	1km WSW	Heard	25	Explosion	Outgoing	N/K	9-May, 22:00-22:15

government-controlled)							
About 400m SE of Spartak (non-government-controlled, 9km N of Donetsk)	1-2km NW	Heard	1	Shot		Small-arms	10-May, 12:33
	1-2km NW	Heard	1	Shot		Small-arms	10-May, 12:44
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	10-May, 13:27
	2-3km SW	Heard	2	Burst		HMG	10-May, 13:27
About 350m NE Vesele (non-government-controlled, 9km NW of Donetsk)	1-2km NW	Heard	30	Burst		HMG	10-May, 13:55-14:05
	1-2km NW	Heard	18	Shot		Small-arms	10-May, 13:55-14:05
	3km SW	Heard	5	Explosion	Undetermined	N/K	10-May, 14:05-14:20
	2-3km N	Heard	7	Burst		HMG	10-May, 14:05-14:20
Vesele (non-government-controlled, 9km NW of Donetsk)	1km W	Heard	1	Shot		Small-arms	10-May, 14:41
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2km ESE	Heard	9	Shot	Assessed as outside the disengagement area	Small-arms	10-May, 10:14
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km NW	Heard	20	Explosion	Undetermined	N/K	10-May, 05:00-05:45
	4-6km NW	Heard	9	Burst	Undetermined	Small-arms	10-May, 05:00-05:45
	5-7km NNE	Heard	34	Explosion	Undetermined	N/K	10-May, 05:45-06:10
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	5-6km SE	Heard	2	Explosion	Undetermined	N/K	10-May, 12:20
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SW	Recorded	2	Burst	In vertical flight	N/K	9-May, 21:01
	5-7km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:06
	5-7km S	Recorded	2	Illumination flare	In vertical flight	N/K	9-May, 21:08
	5-7km SW	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:17
	5-7km S	Recorded	2	Illumination flare	In vertical flight	N/K	9-May, 21:24
	5-7km SW	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:25
	5-7km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 21:37
	5-7km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 22:01
	3-5km SSW	Recorded	16	Projectile	WNW to ESE	N/K	9-May, 22:52
3-5km SSW	Recorded	44	Projectile	WNW to ESE	N/K	9-May, 22:54	
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km SE	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	9-May, 21:16
N edge of Shymshynivka (non-government-controlled, 27km SW of Luhansk)	400m WNW	Heard	7	Shot		Small-arms	10-May, 10:50

E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	5-7km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-May, 15:08
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