

**Table of ceasefire violations as of 24 May 2020<sup>10</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km NE	Recorded	7	Projectile	S to N (also recorded by the SMM camera at Oktiabr mine camera)	N/K	22-May, 21:10
	2-4km E	Recorded	1	Projectile	NNW to SSE (also recorded by the SMM cameras in Avdiivka, at DFS and at Oktiabr mine)	N/K	22-May, 22:29
	2-4km ESE	Recorded	1	Projectile	N to S (also recorded by the SMM cameras DFS and at Oktiabr mine)	N/K	22-May, 21:37
	2-4km ESE	Recorded	5	Projectile	N to S (also recorded by the SMM camera at Oktiabr mine)	N/K	22-May, 21:37
	2-4km ESE	Recorded	5	Projectile	N to S (also recorded by the SMM cameras at DFS and Oktiabr mine cameras)	N/K	22-May, 21:39
	2-4km SE	Recorded	8	Projectile	In vertical flight (also recorded by the SMM cameras at DFS and at Oktiabr mine)	N/K	22-May, 21:43
	1-3km SE	Recorded	11	Projectile	N to S (also recorded by the SMM cameras at DFS and at Oktiabr mine)	N/K	23-May, 00:38
	1-3km SE	Recorded	5	Projectile	SW to NE (also recorded by the SMM camera at Oktiabr mine)	N/K	23-May, 01:07
SMM camera 2km E of Bohdanivka	1-3km E	Recorded	15	Projectile	N to S (assessed as inside the	N/K	22-May, 21:59

<sup>10</sup> 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.

(government-controlled, 41km SW of Donetsk)					Petrivske disengagement area)		
	1-3km ESE	Recorded	4	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	22-May, 22:02
	1-3km E	Recorded	8	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	22-May, 23:26
	2-4km ESE	Recorded	1	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	22-May, 23:27
	2-4km ESE	Recorded	1	Projectile	In vertical flight (assessed as inside the Petrivske disengagement area)	N/K	22-May, 23:27
	2-4km ESE	Recorded	2	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	23-May, 00:11
	1-3km ESE	Recorded	1	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	23-May, 01:58
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-3km SE	Recorded	6	Projectile	NE to SW	N/K	22-May, 21:03
	3-5km SSE	Recorded	4	Projectile	N to S	N/K	22-May, 23:09
	3-5km SSE	Recorded	11	Projectile	N to S	N/K	23-May, 01:12
	3-5km SSE	Recorded	12	Projectile	NNE to SSW	N/K	23-May, 03:25
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Explosion	Undetermined (also recorded by the SMM cameras in Avdiivka and at Oktiabr mine)	N/K	22-May, 21:27
	1-2km SSW	Recorded	1	Explosion	Airburst (also recorded by the SMM cameras in Avdiivka and at Oktiabr mine)	N/K	22-May, 21:27
	0.8-1.2km SSW	Recorded	1	Projectile	NW to SE (also recorded by the SMM cameras in Avdiivka and at Oktiabr mine)	N/K	22-May, 21:35

SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ESE	Recorded	6	Projectile	WSW to ENE	N/K	22-May, 21:46
	2-4km ESE	Recorded	44	Projectile	WSW to ENE	N/K	22-May, 22:26
	2-4km ESE	Recorded	10	Projectile	WSW to ENE	N/K	22-May, 22:44
	2-4km ESE	Recorded	11	Projectile	WSW to ENE	N/K	22-May, 22:45
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	22-May, 22:46
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	22-May, 22:49
	2-4km ESE	Recorded	8	Projectile	WSW to ENE	N/K	22-May, 23:39
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	1-2km SE	Recorded	5	Projectile	NNE to SSW	N/K	22-May, 21:55
	1-2km SE	Recorded	2	Projectile	NNE to SSW	N/K	22-May, 22:09
	1-2km SE	Recorded	4	Projectile	NNE to SSW	N/K	22-May, 22:24
	1-2km SE	Recorded	4	Projectile	NNE to SSW	N/K	22-May, 22:25
	1-2km SE	Recorded	1	Projectile	NNE to SSW	N/K	22-May, 23:06
	1-2km SE	Recorded	1	Projectile	N to S	N/K	22-May, 23:07
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	2	Projectile	SW to NE	N/K	22-May, 21:35
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	E to W	N/K	22-May, 23:06
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km WSW	Recorded	3	Projectile	N to S	N/K	22-May, 23:42
	1-3km WSW	Recorded	2	Projectile	N to S	N/K	22-May, 23:52
	1-3km WSW	Recorded	5	Projectile	N to S	N/K	23-May, 00:12
	1-3km WSW	Recorded	8	Projectile	N to S	N/K	23-May, 00:50
	1-3km WSW	Recorded	10	Projectile	NNE to SSW	N/K	23-May, 01:58
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	22-May, 22:18
	3-5km NNE	Recorded	1	Projectile	NNW to SSE	N/K	22-May, 22:46
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	22-May, 22:50
	3-5km NNE	Recorded	2	Projectile	NW to SE	N/K	23-May, 00:35
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	2	Projectile	W to E	N/K	22-May, 21:26
	4-6km N	Recorded	1	Projectile	W to E	N/K	22-May, 21:46
	4-6km N	Recorded	2	Projectile	E to W	N/K	22-May, 22:19
	4-6km N	Recorded	2	Projectile	W to E	N/K	22-May, 22:26
	4-6km N	Recorded	8	Explosion	Undetermined	N/K	22-May, 22:43
	4-6km N	Recorded	1	Projectile	W to E	N/K	22-May, 22:43
	4-6km N	Recorded	5	Explosion	Undetermined	N/K	22-May, 22:45
	4-6km N	Recorded	2	Muzzle flash		N/K	22-May, 22:49
	4-6km N	Recorded	2	Projectile	ESE to WNW (subsequent to previous event)	N/K	22-May, 22:49
	4-6km N	Recorded	5	Projectile	ESE to WNW	N/K	22-May, 22:49
	4-6km N	Recorded	2	Projectile	E to W	N/K	22-May, 22:53
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	22-May, 23:29
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	22-May, 23:35
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	23-May, 00:25
	4-6km N	Recorded	30	Projectile	ESE to WNW	N/K	23-May, 00:38
	2-4km NNE	Recorded	6	Projectile	E to W	N/K	23-May, 00:41
	2-4km NNE	Recorded	5	Projectile	E to W	N/K	23-May, 00:42
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	23-May, 01:39
SMM camera in Svitlodarsk (government-	4-6km S	Recorded	1	Illumination flare	In vertical flight	N/K	22-May, 20:54
	4-6km SSE	Recorded	3	Projectile	NE to SW	N/K	22-May, 21:06

controlled, 57km NE of Donetsk)	4-6km SSE	Recorded	4	Projectile	ENE to WSW	N/K	22-May, 21:07
	3-5km WSW	Recorded	1	Muzzle flash		N/K	22-May, 21:21
	3-5km WSW	Recorded	1	Projectile	S to N (subsequent to previous event)	N/K	22-May, 21:21
	3-5km WSW	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	22-May, 21:21
	3-5km WSW	Recorded	5	Explosion	Undetermined	N/K	22-May, 21:33
	3-5km WSW	Recorded	2	Muzzle flash		N/K	22-May, 21:33
	3-5km WSW	Recorded	2	Projectile	NE to SW	N/K	22-May, 21:33
	3-5km WSW	Recorded	1	Projectile	N to S	N/K	22-May, 21:34
	3-5km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	22-May, 23:07
	3-5km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	22-May, 23:14
Railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard	14	Shot		HMG	23-May, 11:15-11:39
	2-3km NNW	Heard	6	Explosion	Undetermined	N/K	23-May, 13:57-14:30
	2-3km NNW	Heard	85	Shot		Small arms	23-May, 13:57-14:30
About 1km NNE of the railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	1-2km NW	Heard	5	Shot		Small arms	23-May, 11:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	22-May, 21:03
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km NW	Heard	2	Explosion	Undetermined	N/K	22-May, 19:48-19:49
	4-7km W	Heard	9	Explosion	Undetermined	N/K	22-May, 20:50-20:56
	4-7km W	Heard	29	Burst		HMG	22-May, 20:50-20:56
	5-7km NW	Heard	3	Explosion	Undetermined	N/K	22-May, 21:31-21:33
	5-7km W	Heard	2	Explosion	Undetermined	N/K	22-May, 22:19-22:20
	3-5km W	Heard	18	Burst		HMG	23-May, 02:32-02:35
	5-14km NW	Heard	12	Explosion	Undetermined	N/K	23-May, 07:15-07:29
	4-6km W	Heard	12	Explosion	Undetermined	N/K	23-May, 07:30-07:40
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km SE	Recorded	4	Projectile	In vertical flight	N/K	22-May, 22:00
	4-6km SE	Recorded	18	Projectile	In vertical flight	N/K	22-May, 22:39
	4-6km SE	Recorded	6	Projectile	In vertical flight	N/K	22-May, 22:39
	4-6km ESE	Recorded	5	Projectile	WSW to ENE (assessed as outside the Zolote	N/K	22-May, 22:40

					disengagement area)		
	4-6km ESE	Recorded	5	Projectile	In vertical flight (assessed as outside the Zolote disengagement area)	N/K	22-May, 22:49
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	500-600m WSW	Heard	17	Burst		Small arms	22-May, 22:40-22:51
W edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	3-4km NNW	Heard	2	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	23-May, 14:05
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	24-May, 01:30
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km SE	Recorded	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	23-May, 21:44
	1-3km ESE	Recorded	13	Projectile	In vertical flight (assessed as inside the Petrivske disengagement area)	N/K	23-May, 21:52
	1-3km ESE	Recorded	3	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	23-May, 22:19
	1-3km ESE	Recorded	2	Projectile	SW to NE (assessed as inside the Petrivske disengagement area)	N/K	23-May, 22:20
	4-6km SE	Recorded	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	23-May, 22:48
	1-3km E	Recorded	1	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	23-May, 23:26
	1-3km E	Recorded	1	Muzzle flash	Assessed as	N/K	23-May, 23:26

					inside the Petrivske disengagement area		
	1-3km ESE	Recorded	3	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	23-May, 23:44
	1-3km E	Recorded	1	Projectile	N to S (assessed as inside the Petrivske disengagement area)	N/K	24-May, 00:25
	1-3km E	Recorded	1	Projectile	NNW to SSE (assessed as inside the Petrivske disengagement area)	N/K	24-May, 00:25
	1-3km E	Recorded	11	Projectile	NNW to SSE (assessed as inside the Petrivske disengagement area)	N/K	24-May, 01:42
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	16	Projectile	NNE to SSW	N/K	23-May, 21:49
	2-4km SE	Recorded	5	Projectile	NNE to SSW	N/K	23-May, 21:50
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	23-May, 21:50
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:50
	2-4km SE	Recorded	8	Projectile	In vertical flight	N/K	23-May, 23:28
	2-4km SE	Recorded	14	Projectile	NNE to SSW	N/K	23-May, 23:29
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	23-May, 23:30
	2-4km SSE	Recorded	10	Projectile	NNE to SSW	N/K	23-May, 23:36
	2-4km SSE	Recorded	13	Projectile	NNE to SSW	N/K	23-May, 23:37
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	24-May, 03:24
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1km S	Recorded	1	Projectile	N to S	N/K	23-May, 21:59
	0.8-1km S	Recorded	1	Muzzle flash		N/K	23-May, 22:01
	1-3km SSW	Recorded	1	Projectile	WSW to ENE	N/K	24-May, 01:08
	1-3km SSW	Recorded	1	Projectile	WSW to ENE	N/K	24-May, 01:13
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	23-May, 21:12
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	23-May, 21:15
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	23-May, 21:20
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	23-May, 21:21
	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	23-May, 21:24
	2-4km ESE	Recorded	18	Projectile	WSW to ENE	N/K	23-May, 22:16
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:46
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:47
	2-4km ESE	Recorded	16	Projectile	WSW to ENE	N/K	23-May, 22:54
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	23-May, 22:56
	2-4km SE	Recorded	1	Illumination flare		N/K	23-May, 23:47
	2-4km ESE	Recorded	13	Projectile	N to S	N/K	23-May, 23:57
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	23-May, 23:57
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	23-May, 23:59
	SMM camera at entry-exit checkpoint in	3-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K
3-4km ENE		Recorded	2	Projectile	NNW to SSE	N/K	23-May, 22:52

Hnutove (government-controlled, 84km S of Donetsk)	3-4km ESE	Recorded	2	Projectile	SW to NE	N/K	23-May, 23:21
	3-4km ENE	Recorded	1	Projectile	NNE to SSW	N/K	23-May, 23:30
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	8-10km ESE	Recorded	1	Explosion	Undetermined	N/K	24-May, 01:08
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	1-3km SE	Recorded	2	Projectile	N to S	N/K	23-May, 22:45
	1-3km SE	Recorded	4	Projectile	N to S	N/K	23-May, 22:46
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:46
	1-3km SE	Recorded	1	Projectile	N to S	N/K	23-May, 23:49
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	23-May, 23:41
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	ESE to WNW	N/K	23-May, 22:31
	1-3km NNE	Recorded	4	Projectile	WSW to ENE	N/K	23-May, 23:48
	1-3km NNE	Recorded	4	Projectile	WSW to ENE	N/K	23-May, 23:49
	1-3km NNE	Recorded	1	Projectile	SE to NW	N/K	23-May, 23:49
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km WSW	Recorded	6	Projectile	N to S	N/K	23-May, 21:12
	1-3km W	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:13
	1-3km WSW	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:16
	1-3km WSW	Recorded	3	Projectile	NNE to SSW	N/K	23-May, 21:40
	1-3km WSW	Recorded	1	Projectile	N to S	N/K	23-May, 22:25
	2-4km WSW	Recorded	23	Projectile	N to S	N/K	24-May, 02:29
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	24-May, 00:29
	2-4km NE	Recorded	4	Projectile	NW to SE	N/K	24-May, 01:08
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	24-May, 01:09
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	24-May, 01:13
	2-4km NE	Recorded	6	Projectile	NW to SE	N/K	24-May, 01:53
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:27
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:28
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:28
	4-6km N	Recorded	23	Projectile	W to E	N/K	23-May, 23:04
	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K	23-May, 23:04
	3-6km NNE	Recorded	18	Projectile	In vertical flight	N/K	23-May, 23:26
	3-6km NNE	Recorded	11	Projectile	In vertical flight	N/K	23-May, 23:27
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	23-May, 23:29
	4-6km N	Recorded	6	Projectile	ESE to WNW	N/K	23-May, 23:45
	4-6km N	Recorded	1	Illumination flare		N/K	23-May, 23:46
	4-6km N	Recorded	19	Projectile	WSW to ENE	N/K	23-May, 23:51
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	24-May, 00:03
	4-6km N	Recorded	5	Projectile	ESE to WNW	N/K	24-May, 00:34
	4-6km N	Recorded	11	Projectile	WSW to ENE	N/K	24-May, 00:40
	4-6km N	Recorded	10	Projectile	WSW to ENE	N/K	24-May, 00:46
4-6km N	Recorded	3	Projectile	E to W	N/K	24-May, 00:55	
4-6km N	Recorded	1	Projectile	E to W	N/K	24-May, 00:59	

	2-4km NNE	Recorded	1	Projectile	E to W	N/K	24-May, 01:01
	4-6km N	Recorded	16	Projectile	WSW to ENE	N/K	24-May, 01:17
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-8km SSE	Recorded	9	Projectile	In vertical flight	N/K	23-May, 22:45
	6-8km SSE	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:45
	1-3km W	Recorded	1	Explosion	Undetermined	N/K	23-May, 21:11
	1-3km WSW	Recorded	8	Projectile	N to S	N/K	23-May, 21:12
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	17	Shot		Small arms	24-May, 09:51-09:53
	3-4km SW	Heard	1	Explosion	Undetermined (inside 5km around DFS)	N/K	24-May, 09:59
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-5km SE	Heard	13	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 13:38-13:46
	4-6km SE	Heard and saw	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 13:38-13:46
	4-6km S	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 13:38-13:46
	4-5km S	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 13:53-13:55
	4-6km SE	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 14:03-14:08
	2km W	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	24-May, 14:13
	4-6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 14:18
	4-6km SE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-May, 14:30-14:32
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	24-May, 09:55
	3-4km NE	Heard	1	Explosion	Undetermined	N/K	24-May, 09:56
About 2km WSW of Zalizne (formerly	3-4km SE	Heard	30	Burst		HMG	24-May, 12:04-12:07
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	24-May, 12:10
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	24-May, 12:20



Artemove, government-controlled, 42km NE of Donetsk)	3-4km SE	Heard	20	Burst		HMG	24-May, 12:20
Marinka (government-controlled, 23km SW of Donetsk)	2-3km N	Heard	1	Explosion	Undetermined	N/K	24-May, 10:45
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	1-2km SSE	Heard	1	Burst		HMG	24-May, 10:49
Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km WSW	Heard	10	Shot		Small arms	24-May, 10:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SW	Heard	1	Explosion	Undetermined	N/K	23-May, 21:08
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	24-May, 17:20
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	24-May, 18:12
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	24-May, 18:19
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	23-May, 21:43
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	23-May, 22:38
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	65	Projectile	In vertical flight	N/K	23-May, 23:27
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ENE	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	23-May, 23:28
	4-6km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	23-May, 23:43
	3-5km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area)	N/K	23-May, 22:46
	3-5km SE	Recorded	15	Projectile	Unable to be assessed as inside or outside the disengagement area	N/K	23-May, 23:27
	5-7km SE	Recorded	7	Projectile	In vertical flight	N/K	23-May, 23:27

					(assessed as outside the disengagement area)		
	5-7km SE	Recorded	6	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	23-May, 23:28