

**Table of ceasefire violations as of 31 January 2020<sup>12</sup>**

| SMM position   | Event location | Means    | No. | Observation        | Description                                  | Weapon | Date, time    |
|--|----------------|----------|-----|--------------------|--|--------|---------------|
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)                          | 2-5km ESE      | Recorded | 1   | Illumination flare | In vertical flight                           | N/K    | 30-Jan, 19:48 |
|  | 1-3km NE       | Recorded | 1   | Explosion          | Undetermined                                 | N/K    | 30-Jan, 23:59 |
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk)                         | 2-4km SSE      | Recorded | 1   | Burst              | In vertical flight (approximately 10 rounds) | N/K    | 30-Jan, 21:06 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk)                               | 2-4km SW       | Recorded | 1   | Explosion          | Undetermined                                 | N/K    | 30-Jan, 22:51 |
|  | 0.5-1km S      | Recorded | 1   | Explosion          | Undetermined                                 | N/K    | 31-Jan, 00:03 |
| SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)  | 2-4km ESE      | Recorded | 1   | Projectile         | NNW to SSE                                   | N/K    | 31-Jan, 03:38 |
|  | 1-3km ENE      | Recorded | 3   | Projectile         | S to N                                       | N/K    | 31-Jan, 02:46 |
| SMM camera in Hranitne (government-controlled, 60km S of Donetsk)                          | 1-3km ENE      | Recorded | 1   | Projectile         | NW to SE                                     | N/K    | 31-Jan, 04:58 |
|  | 1-3km ENE      | Recorded | 4   | Projectile         | NW to SE                                     | N/K    | 31-Jan, 05:01 |
|  | 1-3km ENE      | Recorded | 5   | Projectile         | SW to NE                                     | N/K    | 31-Jan, 05:03 |
| SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)                     | 1-3km SE       | Recorded | 1   | Projectile         | NNE to SSW                                   | N/K    | 30-Jan, 22:30 |
| SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) | 2-4km ENE      | Recorded | 7   | Projectile         | In vertical flight                           | N/K    | 31-Jan, 01:19 |
|  | 1-3km NNE      | Recorded | 2   | Projectile         | E to W                                       | N/K    | 30-Jan, 22:45 |
| SMM camera at entry-exit checkpoint in Marinka (government-controlled,                     | 1-3km NNE      | Recorded | 4   | Projectile         | E to W                                       | N/K    | 31-Jan, 01:11 |

<sup>12</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.

|   |             |          |   |            |  |     |               |
|---|-------------|----------|---|------------|--|-----|---------------|
| 23km SW of Donetsk)   |             |          |   |            |  |     |               |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre) | 3-5km NE    | Recorded | 2 | Explosion  | Undetermined   | N/K | 30-Jan, 22:51 |
|   | 2-4km NE    | Recorded | 1 | Projectile | WNW to ESE   | N/K | 30-Jan, 23:59 |
|   | 3-5km NNE   | Recorded | 1 | Explosion  | Undetermined   | N/K | 31-Jan, 04:38 |
|   | 3-5km NE    | Recorded | 1 | Projectile | W to E   | N/K | 31-Jan, 04:43 |
| SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)                | 0.2-1km SW  | Recorded | 2 | Projectile | E to W (assessed as inside the disengagement area)     | N/K | 22-Jan, 17:11 |
|   | 0.2-1km SW  | Recorded | 3 | Projectile | E to W (assessed as inside the disengagement area)     | N/K | 22-Jan, 17:58 |
|   | 0.5-1km WSW | Recorded | 1 | Projectile | ENE to WSW (assessed as inside the disengagement area) | N/K | 23-Jan, 00:07 |
|   | 0.5-1km WSW | Recorded | 3 | Projectile | ENE to WSW (assessed as inside the disengagement area) | N/K | 23-Jan, 00:38 |
|   | 0.5-1km WSW | Recorded | 2 | Projectile | ENE to WSW (assessed as inside the disengagement area) | N/K | 23-Jan, 01:03 |
|   | 0.5-1km WSW | Recorded | 2 | Projectile | ENE to WSW (assessed as inside the disengagement area) | N/K | 23-Jan, 02:00 |
|   | 0.5-1km WSW | Recorded | 2 | Projectile | ENE to WSW (assessed as inside the disengagement area) | N/K | 23-Jan, 02:49 |
|   | 0.5-1km SW  | Recorded | 2 | Projectile | SE to NW (assessed as inside the disengagement area)   | N/K | 23-Jan, 18:05 |
|   | 1-2km SSW   | Recorded | 4 | Projectile | E to W (assessed as inside the disengagement area)     | N/K | 23-Jan, 18:51 |
|   | 0.5-1km SSW | Recorded | 2 | Projectile | E to W (assessed as inside the disengagement area)     | N/K | 23-Jan, 19:01 |
|   | 0.5-1km SSW | Recorded | 2 | Projectile | E to W (assessed as inside the disengagement area)     | N/K | 23-Jan, 20:02 |
|   | 0.5-1km SSW | Recorded | 6 | Projectile | E to W (assessed as                                    | N/K | 23-Jan, 22:02 |

|   |             |          |            |              |  |               |                         |
|---|-------------|----------|------------|--------------|--|---------------|-------------------------|
|   |             |          |            |              | inside the disengagement area)                       |               |                         |
|   | 0.5-1km SSW | Recorded | 2          | Projectile   | SE to NW (assessed as inside the disengagement area) | N/K           | 24-Jan, 00:08           |
|   | 0.5-1km SSW | Recorded | 2          | Projectile   | SE to NW (assessed as inside the disengagement area) | N/K           | 24-Jan, 00:26           |
|   | 0.5-1km SSW | Recorded | 3          | Projectile   | SE to NW (assessed as inside the disengagement area) | N/K           | 24-Jan, 01:01           |
| SMM camera<br>1km SW of<br>Shyrokyne<br>(government-<br>controlled,<br>100km S of<br>Donetsk)                     | 2-5km N     | Recorded | 1          | Projectile   | E to W   | N/K           | 30-Jan, 18:37           |
|   | 2-5km N     | Recorded | 2          | Projectile   | E to W   | N/K           | 30-Jan, 18:38           |
|   | 2-5km N     | Recorded | 1          | Projectile   | E to W   | N/K           | 30-Jan, 18:40           |
|   | 2-5km N     | Recorded | 3          | Projectile   | E to W   | N/K           | 30-Jan, 18:41           |
|   | 2-5km N     | Recorded | 2          | Explosion    | Undetermined   | N/K           | 30-Jan, 18:44           |
|   | 2-5km N     | Recorded | 1          | Explosion    | Undetermined   | N/K           | 30-Jan, 18:44           |
|   | 2-5km N     | Recorded | 1          | Projectile   | E to W   | N/K           | 30-Jan, 18:44           |
|   | 2-5km N     | Recorded | 9          | Projectile   | E to W   | N/K           | 30-Jan, 18:47           |
|   | 2-5km N     | Recorded | 1          | Muzzle flash |  | N/K           | 30-Jan, 19:10           |
|   | 2-5km N     | Recorded | 4          | Projectile   | E to W   | N/K           | 30-Jan, 19:11           |
|   | 2-4km NNE   | Recorded | 1          | Muzzle flash |  | N/K           | 30-Jan, 21:10           |
|   | 2-4km NNE   | Recorded | 1          | Projectile   | WSW to ENE   | N/K           | 30-Jan, 21:12           |
|   | 2-4km N     | Recorded | 1          | Explosion    | Airburst   | N/K           | 31-Jan, 01:47           |
|   | 4-6km N     | Recorded | 3          | Projectile   | E to W   | N/K           | 31-Jan, 02:26           |
|   | 4-6km NNE   | Recorded | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 02:58           |
|   | 4-6km N     | Recorded | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 03:31           |
| 4-6km NNE   | Recorded    | 1        | Projectile | WSW to ENE   | N/K  | 31-Jan, 04:41 |                         |
| About 3km E of<br>Donetsk central<br>railway station<br>(non-<br>government-<br>controlled, 6km<br>NW of Donetsk) | 4-5km SSW   | Heard    | 2          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:25-<br>10:27 |
|   | 4-5km SW    | Heard    | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 11:02           |
|   | 1-1.5km NW  | Heard    | 2          | Explosion    | Undetermined   | N/K           | 31-Jan, 11:10           |
| E part of<br>Krasnohorivka<br>(government-<br>controlled,<br>21km W of<br>Donetsk)                                | 2-3km SW    | Heard    | 2          | Explosion    | Undetermined   | N/K           | 31-Jan, 11:18           |
|   | 4km WSW     | Heard    | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:20           |
|   | 4-5km WSW   | Heard    | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:25           |
|   | 2-3km WSW   | Heard    | 5          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:28-<br>10:37 |
|   | 2-3km W     | Heard    | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:38           |
|   | 2-3km WSW   | Heard    | 4          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:40-<br>10:44 |
|   | 3-4km W     | Heard    | 2          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:50-<br>10:55 |
|   | 3-4km WSW   | Heard    | 1          | Explosion    | Undetermined   | N/K           | 31-Jan, 10:56           |
|   | 3-4km W     | Heard    | 2          | Explosion    | Undetermined   | N/K           | 31-Jan, 11:02-<br>11:04 |
|   | 3-4km WSW   | Heard    | 3          | Explosion    | Undetermined   | N/K           | 31-Jan, 11:05-<br>11:08 |
| 2-3km WSW   | Heard       | 1        | Explosion  | Undetermined | N/K  | 31-Jan, 11:14 |                         |
| About 2km SSE<br>of Marinka(<br>government-<br>controlled,<br>23km SW of<br>Donetsk)                              | 3-5km WNW   | Heard    | 14         | Explosion    | Undetermined   | N/K           | 31-Jan, 09:50-<br>10:20 |

|  |           |               |             |           |  |            |                     |
|--|-----------|---------------|-------------|-----------|--|------------|---------------------|
| S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)            | 2-3km NE  | Heard         | 1           | Explosion | Undetermined   | N/K        | 31-Jan, 08:37       |
|  | 2-3km NE  | Heard         | 1           | Explosion | Undetermined   | N/K        | 31-Jan, 08:39       |
| About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)      | 3km S     | Heard and saw | 1           | Explosion | Impact (unable to assess whether inside or outside the disengagement area) | N/K        | 31-Jan, 12:18       |
|  | 2-3km S   | Heard         | 3           | Shot      | Assessed as outside the disengagement area                                 | N/K        | 31-Jan, 12:19       |
|  | 2-3km S   | Heard         | 2           | Shot      | Assessed as outside the disengagement area                                 | Small arms | 31-Jan, 12:26       |
|  | 3km S     | Heard and saw | 2           | Explosion | Impact (unable to assess whether inside or outside the disengagement area) | N/K        | 31-Jan, 12:32       |
| About 700m N of Petrivske (non-government-controlled, 41km S of Donetsk)       | 2-3km SE  | Heard         | 1           | Explosion | Undetermined (assessed as outside the disengagement area)                  | N/K        | 31-Jan, 12:38       |
|  | 1-2km SE  | Heard         | 1           | Shot      | Assessed as outside the disengagement area                                 | Small arms | 31-Jan, 13:43       |
| Pyshevyk (government-controlled, 84km S of Donetsk)                            | 2-3km NNW | Heard         | 17          | Burst     |  | Small arms | 31-Jan, 11:05-11:10 |
|  | 2-3km NE  | Saw           | 1           | Burst     |  | N/K        | 31-Jan, 11:14       |
|  | 2-3km NNW | Heard         | 7           | Burst     |  | HMG        | 31-Jan, 11:33-11:35 |
| About 1.5km NW of Pavlopil (government-controlled, 84km south of Donetsk)      | 2-3km NNW | Heard         | Uncountable | Burst     |  | HMG        | 31-Jan, 11:20-11:21 |
|  | 2-3km NNW | Heard         | 11          | Burst     |  | HMG        | 31-Jan, 11:28       |
| NE part of Tavrycheske (non-government-controlled, 76km south of Donetsk)      | 2-3km NW  | Heard         | 1           | Explosion | Undetermined   | N/K        | 31-Jan, 12:13       |
| About 2km NE of Tavrycheske (non-government-controlled, 76km south of Donetsk) | 2-3km SW  | Heard         | 1           | Explosion | Undetermined   | N/K        | 31-Jan, 12:26       |
| Svitlodarsk (government-controlled,  | 4-5km SSE | Heard         | 6           | Explosion | Undetermined   | N/K        | 30-Jan, 23:21-23:25 |
|  | 4-5km SSE | Heard         | 2           | Explosion | Undetermined   | N/K        | 30-Jan, 23:31-23:32 |

|  |           |       |           |              |              |               |                     |
|--|-----------|-------|-----------|--------------|--------------|---------------|---------------------|
| 57km NE of Donetsk)                                      | 4-5km SSE | Heard | 2         | Explosion    | Undetermined | N/K           | 30-Jan, 23:45-23:46 |
|  | 4-5km SE  | Heard | 2         | Explosion    | Undetermined | N/K           | 31-Jan, 11:05       |
|  | 4-5km SSE | Heard | 1         | Explosion    | Undetermined | N/K           | 31-Jan, 12:18       |
|  | 3-4km SSE | Heard | 10        | Burst        |              | HMG           | 31-Jan, 16:13-16:15 |
|  | 4-5km SSE | Heard | 3         | Explosion    | Undetermined | N/K           | 31-Jan, 17:36       |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 3-5km W   | Heard | 6         | Burst        |              | HMG           | 30-Jan, 18:48       |
|  | 3-5km WNW | Heard | 13        | Burst        |              | HMG           | 30-Jan, 18:51       |
|  | 3-5km W   | Heard | 5         | Burst        |              | HMG           | 30-Jan, 18:52       |
|  | 3-5km W   | Heard | 2         | Burst        |              | HMG           | 30-Jan, 18:53       |
|  | 3-5km W   | Heard | 4         | Explosion    | Undetermined | N/K           | 30-Jan, 18:54       |
|  | 3-5km W   | Heard | 7         | Burst        |              | HMG           | 30-Jan, 18:54       |
|  | 3-5km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 18:55       |
|  | 3-5km W   | Heard | 5         | Burst        |              | HMG           | 30-Jan, 18:55       |
|  | 3-5km WNW | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 18:56       |
|  | 3-5km W   | Heard | 2         | Burst        |              | HMG           | 30-Jan, 18:57       |
|  | 3-5km WNW | Heard | 3         | Explosion    | Undetermined | N/K           | 30-Jan, 18:57       |
|  | 3-5km WNW | Heard | 4         | Explosion    | Undetermined | N/K           | 30-Jan, 18:58       |
|  | 3-5km WNW | Heard | 6         | Burst        |              | HMG           | 30-Jan, 18:58       |
|  | 3-5km W   | Heard | 3         | Burst        |              | HMG           | 30-Jan, 18:59       |
|  | 3-5km WNW | Heard | 27        | Burst        |              | HMG           | 30-Jan, 19:00-19:01 |
|  | 3-5km WNW | Heard | 14        | Burst        |              | HMG           | 30-Jan, 19:02       |
|  | 3-5km WNW | Heard | 17        | Burst        |              | HMG           | 30-Jan, 19:03       |
|  | 3-5km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 19:03       |
|  | 3-5km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 19:04       |
|  | 3-5km W   | Heard | 6         | Burst        |              | HMG           | 30-Jan, 19:04       |
|  | 3-5km WNW | Heard | 8         | Burst        |              | HMG           | 30-Jan, 19:05       |
|  | 3-5km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 19:06       |
|  | 3-5km W   | Heard | 3         | Burst        |              | HMG           | 30-Jan, 19:06       |
|  | 3-5km WNW | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 19:07       |
|  | 3-5km WNW | Heard | 3         | Burst        |              | HMG           | 30-Jan, 19:08       |
|  | 3-5km W   | Heard | 3         | Burst        |              | HMG           | 30-Jan, 19:09       |
|  | 3-5km WNW | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 19:09       |
|  | 3-5km WNW | Heard | 2         | Burst        |              | HMG           | 30-Jan, 19:10       |
|  | 3-5km W   | Heard | 3         | Explosion    | Undetermined | N/K           | 30-Jan, 19:20       |
|  | 3-5km W   | Heard | 4         | Explosion    | Undetermined | N/K           | 30-Jan, 19:21       |
|  | 3-5km WNW | Heard | 4         | Burst        |              | HMG           | 30-Jan, 19:25       |
|  | 3-5km W   | Heard | 9         | Burst        |              | HMG           | 30-Jan, 19:27       |
|  | 3-5km W   | Heard | 5         | Burst        |              | HMG           | 30-Jan, 19:29       |
|  | 3-5km W   | Heard | 1         | Burst        |              | HMG           | 30-Jan, 19:59       |
|  | 5-7km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 20:05       |
|  | 3-5km W   | Heard | 2         | Explosion    | Undetermined | N/K           | 30-Jan, 20:09       |
|  | 3-5km W   | Heard | 2         | Burst        |              | HMG           | 30-Jan, 20:13       |
|  | 3-5km W   | Heard | 3         | Explosion    | Undetermined | N/K           | 30-Jan, 20:14       |
|  | 3-5km W   | Heard | 2         | Burst        |              | HMG           | 30-Jan, 20:16       |
|  | 3-5km W   | Heard | 2         | Explosion    | Undetermined | N/K           | 30-Jan, 20:16       |
|  | 5-7km W   | Heard | 1         | Explosion    | Undetermined | N/K           | 30-Jan, 20:18       |
|  | 3-5km W   | Heard | 2         | Burst        |              | HMG           | 30-Jan, 20:19       |
| 3-5km W  | Heard     | 3     | Burst     |              | HMG          | 30-Jan, 20:23 |                     |
| 5-7km W  | Heard     | 2     | Explosion | Undetermined | N/K          | 30-Jan, 20:25 |                     |
| 3-5km W  | Heard     | 1     | Burst     |              | HMG          | 30-Jan, 20:32 |                     |
| 3-5km W  | Heard     | 2     | Burst     |              | HMG          | 30-Jan, 20:33 |                     |
| 3-5km W  | Heard     | 3     | Burst     |              | HMG          | 30-Jan, 21:41 |                     |
| 3-5km W  | Heard     | 1     | Burst     |              | HMG          | 30-Jan, 21:47 |                     |
| 3-5km W  | Heard     | 2     | Burst     |              | HMG          | 30-Jan, 22:18 |                     |
| 3-5km W  | Heard     | 3     | Burst     |              | HMG          | 30-Jan, 22:22 |                     |
| 5-7km W  | Heard     | 3     | Explosion | Undetermined | N/K          | 31-Jan, 06:27 |                     |
| 5-7km W  | Heard     | 2     | Explosion | Undetermined | N/K          | 31-Jan, 06:36 |                     |

|  |  |          |       |                    |   |   |                     |
|--|--|----------|-------|--------------------|---|---|---------------------|
|  | 3-5km W  | Heard    | 1     | Explosion          | Undetermined  | N/K   | 31-Jan, 07:22       |
|  | 3-5km W  | Heard    | 2     | Explosion          | Undetermined  | N/K   | 31-Jan, 07:23       |
| SE edge of Verkhnotoretske (government-controlled, 23km NE of Donetsk) | 2-4km S  | Heard    | 1     | Explosion          | Undetermined  | N/K   | 31-Jan, 11:27       |
| SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)    | 2-4km SSW  | Recorded | 3     | Projectile         | NW to SE  | N/K   | 30-Jan, 21:02       |
|  | 2-4km SSW  | Recorded | 4     | Projectile         | NW to SE  | N/K   | 30-Jan, 21:03       |
| SMM camera in Zolote (government-controlled, 60km W of Luhansk)        | 2-4km SSW  | Recorded | 2     | Projectile         | NW to SE  | N/K   | 30-Jan, 21:04       |
|  | 4-6km E  | Recorded | 3     | Projectile         | SSE to NNW (assessed as outside the disengagement area)         | N/K   | 30-Jan, 21:00       |
|  | 4-6km E  | Recorded | 1     | Illumination flare | in vertical flight (assessed as outside the disengagement area) | N/K   | 30-Jan, 21:05       |
|  | 4-6km E  | Recorded | 1     | Explosion          | Undetermined (assessed as outside the disengagement area)       | N/K   | 30-Jan, 21:36       |
|  | 4-6km E  | Recorded | 1     | Explosion          | Undetermined (assessed as outside the disengagement area)       | N/K   | 30-Jan, 21:38       |
|  | 5-7km E  | Recorded | 1     | Explosion          | Undetermined (assessed as outside the disengagement area)       | N/K   | 30-Jan, 21:41       |
|  | 4-6km ESE  | Recorded | 1     | Projectile         | N to S (assessed as outside the disengagement area)             | N/K   | 30-Jan, 22:19       |
|  | 4-6km E  | Recorded | 1     | Explosion          | Undetermined (assessed as outside the disengagement area)       | N/K   | 30-Jan, 22:52       |
|  | 5-7km ESE  | Recorded | 1     | Explosion          | Undetermined (assessed as outside the disengagement area)       | N/K   | 31-Jan, 01:25       |
|  | Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 1-2km W  | Heard | 10                 | Shot  | Assessed as aimed at an SMM mini-UAV and outside the disengagement area | Small arms          |
| Kriakivka (government-controlled,                                      | 1.5-3km SSW  | Heard    | 13    | Explosion          | Undetermined  | N/K   | 31-Jan, 10:43-10:53 |
|  | 1.5-3km SSW  | Heard    | 60    | Burst              |   | HMG   | 31-Jan, 10:43-10:53 |

|  |  |               |       |           |              |                                 |                     |
|--|--|---------------|-------|-----------|--------------|---------------------------------|---------------------|
| 38km NW of Luhansk)  | 1.5-3km SSW  | Heard         | 200   | Shot      |              | Small arms                      | 31-Jan, 10:43-10:53 |
| Holubivske (non-government-controlled, 51km W of Luhansk)                            | 2-3km W  | Heard         | 2     | Explosion | Outgoing     | Mortar (type N/K)               | 31-Jan, 10:52-11:30 |
|  | 2-3km W  | Heard         | 3     | Burst     |              | Small arms                      | 31-Jan, 10:52-11:30 |
|  | 1-1.5km W  | Heard and saw | 3     | Airburst  |              | Anti-aircraft gun (ZU-23, 23mm) | 31-Jan, 11:23-11:30 |
|  | 1-1.5km W  | Heard         | 7     | Explosion | Undetermined | N/K                             | 31-Jan, 11:23-11:30 |
|  | 6-8km W  | Heard         | 3     | Explosion | Undetermined | N/K                             | 31-Jan, 11:40-11:55 |
|  | 5-8km NE   | Heard         | 2     | Explosion | Undetermined | N/K                             | 31-Jan, 11:40-11:55 |
|  | Slovianoserbsk (non-government-controlled, 28km NW of Luhansk) | 10-12km NW    | Heard | 55        | Explosion    | Undetermined                    | N/K                 |
| 10-12km NW   |  | Heard         | 193   | Burst     |              | N/K                             | 31-Jan, 11:00-11:30 |
| NE edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)                  | 1.5-2km NNE  | Heard         | 10    | Shot      |              | Small arms                      | 31-Jan, 11:30-11:40 |
| Berezivske (non-government-controlled, 53km NW of Luhansk)                           | 3-5km NW   | Heard         | 2     | Explosion | Undetermined | N/K                             | 31-Jan, 12:18-12:24 |
|  | 3-5km NW   | Heard         | 2     | Burst     |              | HMG                             | 31-Jan, 12:18-12:24 |
|  | 3-5km NW   | Heard         | 1     | Burst     |              | Small arms                      | 31-Jan, 12:18-12:24 |
| Hannivka (non-government-controlled, 58km W of Luhansk)                              | 5-8km WNW  | Heard         | 1     | Explosion | Undetermined | N/K                             | 31-Jan, 12:20       |
| W edge of Smile (non-government-controlled, 31km NW of Luhansk)                      | 3-5km NW   | Heard         | 4     | Explosion | Undetermined | N/K                             | 31-Jan, 12:26-12:28 |
| N edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk) | 3-5km NNW  | Heard         | 7     | Burst     |              | HMG                             | 31-Jan, 12:30-12:40 |
| S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)                 | 5-6km NW   | Heard         | 4     | Burst     |              | HMG                             | 31-Jan, 12:45       |
| Sentianivka (formerly Frunze, non-   | 5-10km NNW   | Heard         | 2     | Explosion | Undetermined | N/K                             | 13-Mar, 12:48-12:51 |

|   |           |       |    |       |  |     |                     |
|---|-----------|-------|----|-------|--|-----|---------------------|
| government-controlled, 44km W of Luhansk)   |           |       |    |       |  |     |                     |
| NE edge of Sentianivka (fomerly Frunze, non-government-controlled, 44km W of Luhansk) | 3-6km NNE | Heard | 10 | Burst |  | HMG | 13-Jan, 13:53-14:02 |