

Table of ceasefire violations as of 1 February 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
“DPR”-controlled, Donetsk city centre	8-12km NNW	Heard 1 undetermined explosion	N/K	31 January, 18:32
		Heard 2 undetermined explosions		31 January, 18:33
		Heard 1 undetermined explosion		31 January, 18:38
		Heard 4 undetermined explosions		31 January, 18:43
		Heard 1 undetermined explosion		31 January, 18:46
		Heard 1 undetermined explosion		31 January, 18:47
		Heard 1 undetermined explosion		31 January, 18:52
		Heard 3 undetermined explosions		31 January, 18:53
		Heard 2 undetermined explosions		31 January, 18:55
		Heard 2 undetermined explosions		31 January, 18:56
		Heard 1 undetermined explosion		31 January, 19:04
		Heard 2 undetermined explosions		31 January, 19:13
		Heard 3 undetermined explosions		31 January, 19:18
		Heard 6 undetermined explosions		31 January, 19:25
		Heard 1 undetermined explosion		31 January, 19:30
		Heard 4 undetermined explosions		31 January, 19:31
		Heard 21 undetermined explosions		31 January, 19:35
		Heard 20 undetermined explosions		31 January, 19:36
		Heard 3 undetermined explosions		31 January, 19:37
		Heard 2 undetermined explosions		31 January, 19:42
		Heard 2 undetermined explosions		31 January, 19:45
		Heard 2 undetermined explosions		31 January, 19:46
		Heard 1 undetermined explosion		31 January, 19:54
		Heard 4 undetermined explosions		31 January, 19:57
		Heard 1 undetermined explosion		31 January, 19:59
		Heard 3 undetermined explosions		31 January, 20:08
		Heard 1 undetermined explosion		31 January, 20:09
		Heard 1 undetermined explosion		31 January, 20:12
		Heard 1 undetermined explosion		31 January, 20:22
		Heard 3 undetermined explosions		31 January, 20:41
		Heard 6 undetermined explosions		31 January, 20:43
		Heard 5 undetermined explosions		31 January, 20:44
		Heard 6 undetermined explosions		31 January, 20:45
		Heard 3 undetermined explosions		31 January, 20:48
		Heard 5 undetermined explosions		31 January, 20:49
		Heard 3 undetermined explosions		31 January, 20:50
		Heard 2 undetermined explosions		31 January, 20:51
		Heard 2 undetermined explosions		31 January, 20:52
		Heard 3 undetermined explosions		31 January, 20:53
		Heard 1 undetermined explosion		31 January, 20:54
		Heard 3 undetermined explosions		31 January, 20:55
		Heard 2 undetermined explosions		31 January, 20:58
		Heard 4 undetermined explosions		31 January, 21:00
	9-12km NNW	Heard 2 undetermined explosions	N/K	31 January, 21:02
		Heard 2 undetermined explosions		31 January, 21:04
		Heard 4 undetermined explosions		31 January, 21:06
		Heard 2 undetermined explosions		31 January, 21:07
		Heard 2 undetermined explosions		31 January, 21:08
		Heard 3 undetermined explosions		31 January, 21:15
		Heard 1 undetermined explosion		31 January, 21:17
		Heard 3 undetermined explosions		31 January, 21:18
		Heard 2 undetermined explosions		31 January, 21:20

¹ The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

	Heard 2 undetermined explosions	31 January, 21:22
	Heard 2 undetermined explosions	31 January, 21:23
	Heard 3 undetermined explosions	31 January, 21:25
	Heard 4 undetermined explosions	31 January, 21:31
	Heard 8 undetermined explosions	31 January, 21:32
	Heard 13 undetermined explosions	31 January, 21:33
	Heard 9 undetermined explosions	31 January, 21:35
	Heard 1 undetermined explosion	31 January, 21:37
	Heard 4 undetermined explosions	31 January, 21:38
	Heard 4 undetermined explosions	31 January, 21:39
	Heard 3 undetermined explosions	31 January, 21:40
	Heard 5 undetermined explosions	31 January, 21:41
	Heard 2 undetermined explosions	31 January, 21:42
	Heard 8 undetermined explosions	31 January, 21:43
	Heard 2 undetermined explosions	31 January, 21:44
	Heard 6 undetermined explosions	31 January, 21:45
	Heard 3 undetermined explosions	31 January, 21:50
	Heard 1 undetermined explosion	31 January, 21:55
	Heard 2 undetermined explosions	31 January, 21:57
	Heard 5 undetermined explosions	31 January, 21:58
	Heard 2 undetermined explosions	31 January, 21:59
	Heard 1 undetermined explosion	31 January, 22:00
	Heard 20 undetermined explosions	31 January, 22:01-22:02
	Heard 2 undetermined explosions	31 January, 22:03
	Heard 5 undetermined explosions	31 January, 22:07
	Heard 7 undetermined explosions	31 January, 22:08
	Heard 3 undetermined explosions	31 January, 22:09
	Heard 4 undetermined explosions	31 January, 22:10
	Heard 2 undetermined explosions	31 January, 22:11
	Heard 2 undetermined explosions	31 January, 22:14
	Heard 1 undetermined explosion	31 January, 22:18
	Heard 3 undetermined explosions	31 January, 22:19
	Heard 2 undetermined explosions	31 January, 22:21
	Heard 4 undetermined explosions	31 January, 22:22
	Heard 5 undetermined explosions	31 January, 22:23
	Heard 3 undetermined explosions	31 January, 22:24
	Heard 7 undetermined explosions	31 January, 22:25
	Heard 4 undetermined explosions	31 January, 22:26
	Heard 2 undetermined explosions	31 January, 22:27
	Heard 3 undetermined explosions	31 January, 22:28
	Heard 2 undetermined explosions	31 January, 22:29
	Heard 8 undetermined explosions	31 January, 22:30
	Heard 5 undetermined explosions	31 January, 22:31
	Heard 7 undetermined explosions	31 January, 22:32
	Heard 3 undetermined explosions	31 January, 22:33
	Heard 2 undetermined explosions	31 January, 22:34
	Heard 5 undetermined explosions	31 January, 22:35
	Heard 4 undetermined explosions	31 January, 22:36
	Heard 2 undetermined explosions	31 January, 22:37
	Heard 3 undetermined explosions	31 January, 22:38
	Heard 4 undetermined explosions	31 January, 22:40
	Heard 2 undetermined explosions	31 January, 22:42
	Heard 5 undetermined explosions	31 January, 22:43
	Heard 4 undetermined explosions	31 January, 22:44
	Heard 5 undetermined explosions	31 January, 22:45
	Heard 3 undetermined explosions	31 January, 22:46
	Heard 2 undetermined explosions	31 January, 22:47
	Heard 2 undetermined explosions	31 January, 22:48
	Heard 8 undetermined explosions	31 January, 22:49
	Heard 6 undetermined explosions	31 January, 22:50
	Heard 4 undetermined explosions	31 January, 22:52
	Heard 4 undetermined explosions	31 January, 22:54
	Heard 5 undetermined explosions	31 January, 22:56

		Heard 9 undetermined explosions		31 January, 22:57
		Heard 6 undetermined explosions		31 January, 22:59
		Heard 5 undetermined explosions		31 January, 23:01-23:03
		Heard 23 undetermined explosions		31 January, 23:10-23:20
		Heard 14 undetermined explosions		31 January, 23:2 - 23:27
		Heard 3 undetermined explosions		31 January, 23:30-23:31
		Heard 1 undetermined explosion		31 January, 23:32
		Heard 3 undetermined explosions		31 January, 23:34
		Heard 18 undetermined explosions		31 January, 23:37-23:41
		Heard 12 undetermined explosions		31 January, 23:43-23:49
		Heard 13 undetermined explosions		31 January, 23:50-23:57
		Heard 3 undetermined explosions		1 February, 00:06
		Heard 3 undetermined explosions		1 February, 00:08
		Heard 1 undetermined explosion		1 February, 00:10
		Heard 21 undetermined explosions		1 February, 00:19-00:24
		Heard 2 undetermined explosions		1 February, 00:25
		Heard 2 undetermined explosions		1 February, 00:34
		Heard 6 undetermined explosions		1 February, 00:36
		Heard 2 undetermined explosions		1 February, 00:41
		Heard 2 undetermined explosions		1 February, 00:51
		Heard 5 undetermined explosions		1 February, 00:56-00:58
		Heard 2 undetermined explosions		1 February, 01:09
		Heard 2 undetermined explosions		1 February, 01:10
		Heard 3 undetermined explosions		1 February, 01:11
		Heard 8 undetermined explosions		1 February, 01:12-01:14
		Heard 2 undetermined explosions		1 February, 01:15
		Heard 40 undetermined explosions		1 February, 01:19-01:20
		Heard 4 undetermined explosions		1 February, 01:28
		Heard 1 undetermined explosion		1 February, 01:30
		Heard 11 undetermined explosions		1 February, 01:40-01:43
		Heard 2 undetermined explosions		1 February, 02:26
		Heard 1 undetermined explosion		1 February, 02:48
		Heard 5 undetermined explosions		1 February, 03:27
		Heard 2 undetermined explosions		1 February, 03:29
	8-12km NNW	Heard 10 undetermined explosions	N/K	1 February, 04:02-04:03
		Heard 3 undetermined explosions		1 February, 04:04
		Heard 1 undetermined explosion		1 February, 04:05
		Heard 12 undetermined explosions		1 February, 04:06
	6-8km NNE	Heard 3 undetermined explosions	N/K	1 February, 04:07
		Heard 4 undetermined explosions		1 February, 04:08
		Heard 2 undetermined explosions		1 February, 04:09
		Heard 3 undetermined explosions		1 February, 04:10
	8-12km NNW	Heard 2 undetermined explosions	N/K	1 February, 04:11
		Heard 4 undetermined explosions		1 February, 04:12
		Heard 1 undetermined explosion		1 February, 04:15
		Heard 1 undetermined explosion		1 February, 04:22
	6-8km NNE	Heard 2 undetermined explosions	N/K	1 February, 04:25
		Heard 3 undetermined explosions		1 February, 04:26
		Heard 1 undetermined explosion		1 February, 04:27
		Heard 2 undetermined explosions		1 February, 04:28
		Heard 3 undetermined explosions		1 February, 04:29

		Heard 1 undetermined explosion		1 February, 04:30
		Heard 2 undetermined explosions		1 February, 04:31
		Heard 1 undetermined explosion		1 February, 04:32
		Heard 1 undetermined explosion		1 February, 04:33
		Heard 1 undetermined explosion		1 February, 04:34
		Heard 1 undetermined explosion		1 February, 04:36
	8-12km NNW	Heard 2 undetermined explosions	N/K	1 February, 04:38
		Heard 3 undetermined explosions		1 February, 04:40
		Heard 1 undetermined explosion		1 February, 04:41
		Heard 1 undetermined explosion		1 February, 04:42
		Heard 1 undetermined explosion		1 February, 04:44
	6-8km NNE	Heard 2 undetermined explosions	N/K	1 February, 04:45
	8-12km NNW	Heard 3 undetermined explosions	N/K	1 February, 04:46
	6-8km NNE	Heard 3 undetermined explosions	N/K	1 February, 04:47
	8-12km NNW	Heard 1 undetermined explosion	N/K	1 February, 04:47
	6-8km NNE	Heard 2 undetermined explosions	N/K	1 February, 04:48
	8-12km NNW	Heard 2 undetermined explosions	N/K	1 February, 04:48
	6-8km NNE	Heard 2 undetermined explosions	N/K	1 February, 04:50
	8-12km NNW	Heard 1 undetermined explosion	N/K	1 February, 04:50
	6-8 km NNE	Heard 3 undetermined explosions	N/K	1 February, 04:51
	8-12km NNW	Heard 1 undetermined explosion	N/K	1 February, 04:51
	6-8km NNE	Heard 1 undetermined explosion	N/K	1 February, 04:52
	8-12km NNW	Heard 8 undetermined explosions	N/K	1 February, 04:53-04:59
		Heard 21 undetermined explosions		1 February, 05:00-05:02
		Heard 10 undetermined explosions		1 February, 05:03
		Heard 22 undetermined explosions		1 February, 05:04-05:08
		Heard 17 undetermined explosions		1 February, 05:09-05:14
		Heard 36 undetermined explosions		1 February, 05:15-05:23
		Heard 43 undetermined explosions		1 February, 05:25-05:30
		Heard 11 undetermined explosions		1 February, 05:34-05:39
		Heard 14 undetermined explosions		1 February, 05:39-05:45
		Heard 17 undetermined explosions		1 February, 05:46-05:52
		Heard 23 undetermined explosions		1 February, 06:00-06:10
		Heard 25 undetermined explosions		1 February, 06:11-06:20
		Heard 36 undetermined explosions		1 February, 06:21-06:25
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km SE	Recorded 1 undetermined explosion	N/K	31 January, 18:30
		Recorded 1 undetermined explosion		31 January, 18:32
		Recorded 1 undetermined projectile from SE to NW		31 January, 18:37
		Recorded 1 explosion (impact)		31 January, 18:37
		Recorded 1 undetermined projectile from NW to SE		31 January, 18:40
		Recorded 1 illumination flare		31 January, 18:44
		Recorded 1 undetermined projectile from NW to SE		
		Recorded 1 undetermined projectile from SE to NW		31 January, 18:44
		Recorded 1 undetermined projectile from SE to NW		31 January, 18:47
		Recorded 1 illumination flare		31 January, 18:48
		Recorded 1 illumination flare		31 January, 18:52
		Recorded 1 illumination flare		31 January, 18:53
		Recorded 1 illumination flare		31 January, 18:55

	3-5km SE	Recorded 1 illumination flare	N/K	31 January, 19:13
		Recorded 1 undetermined explosion		31 January, 19:25
		Recorded 1 undetermined explosion		01 February, 14:28
		Recorded 1 undetermined explosion		01 February, 14:49
SMM camera at Okhtabr mine (9km NW of Donetsk)	8-10km NE	Recorded 1 illumination flare	N/K	31 January, 18:31
		Recorded 2 undetermined explosions		31 January, 18:33
		Recorded 3 undetermined projectiles in flight from SE to NW		31 January, 18:33
		Recorded 1 undetermined explosion		31 January, 18:34
		Recorded 1 undetermined explosion		31 January, 18:36
		Recorded 15 undetermined explosions		31 January, 18:37
		Recorded 1 illumination flare		31 January, 18:43
		Recorded 1 illumination flare		31 January, 18:45
		Recorded 1 undetermined projectile in flight from NW to SE		31 January, 18:45
		Recorded 1 illumination flare		31 January, 18:51
		Recorded 1 undetermined explosion		31 January, 18:53
		Recorded 1 undetermined explosion		31 January, 19:02
		Recorded 1 illumination flare		31 January, 19:15
		Recorded 4 undetermined explosions		31 January, 19:19
		Recorded 20 undetermined projectiles in flight from SE to NW		31 January, 19:20
		Recorded 21 undetermined explosions		31 January, 19:20
		Recorded 25 undetermined projectiles in flight from SE to NW		31 January, 19:21- 19:22
		Recorded 44 undetermined explosions		31 January, 19:21- 19:22
		Recorded 1 illumination flare		31 January, 19:22
		Recorded 4 undetermined explosions		31 January, 19:23
		Recorded 8 undetermined explosions		31 January, 19:24
		Recorded 16 undetermined explosions		31 January, 19:26
		Recorded 1 undetermined explosion		31 January, 19:28
		Recorded 1 illumination flare		31 January, 19:37
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 19:52
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 20:01
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 20:06
		Recorded 1 illumination flare		31 January, 20:07
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 20:11
		Recorded 1 illumination flare		31 January, 20:11
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 20:21
		Recorded 1 undetermined explosion		31 January, 20:21
		Recorded 9 undetermined explosions		31 January, 20:34
		Recorded 1 illumination flare		31 January, 20:35
		Recorded 1 undetermined projectile in flight from SE to NW		31 January, 20:38
		Recorded 1 undetermined explosion		31 January, 20:39
		Recorded 4 undetermined explosions		31 January, 20:48
		Recorded 1 illumination flare		31 January, 20:50
		Recorded 1 undetermined explosion		31 January, 20:50
		Recorded 1 undetermined explosion		31 January, 20:51
		Recorded 1 undetermined explosion		31 January, 20:52
		Recorded 2 undetermined explosions		31 January, 21:00
		Recorded 1 undetermined projectile in flight from NW to SE		31 January, 21:05
		Recorded 1 undetermined explosion		31 January, 21:07
		Recorded 1 undetermined explosion		31 January, 21:32
		Recorded 1 undetermined explosion		31 January, 21:46
		Recorded 3 undetermined projectiles in flight from SE to NW		31 January, 23:13

	Recorded 4 undetermined projectiles in flight from SE to NW	31 January, 23:15
	Recorded 1 undetermined projectile in flight from SE to NW	31 January, 23:16
	Recorded 2 undetermined explosions	31 January, 23:17
	Recorded 1 undetermined explosion	31 January, 23:18
	Recorded 2 undetermined explosions	31 January, 23:19
	Recorded 1 undetermined explosion	31 January, 23:20
	Recorded 2 undetermined projectiles in flight from SE to NW	31 January, 23:29
	Recorded 1 undetermined projectile in flight from NW to SE	31 January, 23:42
	Recorded 1 undetermined explosion	31 January, 23:43
	Recorded 1 undetermined projectile in flight from NW to SE	31 January, 23:44
	Recorded 2 undetermined projectiles in flight from NW to SE	31 January, 23:46
	Recorded 1 undetermined projectile in flight from NW to SE	31 January, 23:46
	Recorded 1 explosion (impact)	31 January, 23:46
	Recorded 1 undetermined projectile in flight from NW to SE	31 January, 23:46
	Recorded 1 undetermined projectile in flight from NW to SE	31 January, 23:48
	Recorded 4 undetermined explosions	31 January, 23:49
	Recorded 1 undetermined projectile in flight from SE to NW	31 January, 23:50
	Recorded 1 undetermined explosion	31 January, 23:52
	Recorded 4 undetermined explosions	31 January, 23:53
	Recorded 1 undetermined explosion	31 January, 23:54
	Recorded 2 undetermined explosions	1 February, 00:00
	Recorded 1 undetermined explosion	1 February, 00:02
	Recorded 2 undetermined explosions	1 February, 00:05
	Recorded 4 undetermined explosions	1 February, 00:06
	Recorded 5 undetermined explosions	1 February, 00:07
	Recorded 1 undetermined explosion	1 February, 00:08
	Recorded 1 undetermined projectile in flight from SE to NW	1 February, 00:13
	Recorded 1 undetermined explosion	1 February, 00:21
	Recorded 3 undetermined explosions	1 February, 00:22
	Recorded 1 undetermined explosion	1 February, 00:41
	Recorded 1 undetermined explosion	1 February, 00:57
	Recorded 1 illumination flare	1 February, 01:10
	Recorded 1 undetermined explosion	1 February, 01:11
	Recorded 5 undetermined explosions	1 February, 01:12
	Recorded 1 undetermined explosion	1 February, 01:12
	Recorded 1 undetermined explosion	1 February, 01:12
	Recorded 40 undetermined explosions	1 February, 01:19-01:21
	Recorded 4 undetermined explosions	1 February, 01:27
	Recorded 1 undetermined projectile in flight from NW to SE	1 February, 01:30
	Recorded 1 explosion (impact)	1 February, 01:30
	Recorded 1 undetermined explosion	1 February, 01:31
	Recorded 3 undetermined explosions	1 February, 01:40
	Recorded 1 illumination flare	1 February, 01:41
	Recorded 3 undetermined explosions	1 February, 01:42
	Recorded 1 undetermined explosion	1 February, 02:24
	Recorded 1 illumination flare	1 February, 02:39
	Recorded 1 illumination flare	1 February, 02:47
	Recorded 1 undetermined explosion	1 February, 02:55
	Recorded 1 illumination flare	1 February, 03:29
	Recorded 1 undetermined explosion	

		Recorded 1 undetermined explosion	1 February, 04:02
		Recorded 4 undetermined explosions	1 February, 04:04
		Recorded 1 illumination flare	1 February, 04:04
		Recorded 2 undetermined explosions	1 February, 04:07
		Recorded 1 undetermined explosion	1 February, 04:26
		Recorded 1 undetermined explosion	1 February, 04:27
		Recorded 2 undetermined explosions	1 February, 04:28
		Recorded 1 undetermined explosion	1 February, 04:29
		Recorded 1 illumination flare	1 February, 04:30
		Recorded 1 undetermined explosion	1 February, 04:30
		Recorded 1 undetermined explosion	1 February, 04:31
		Recorded 1 undetermined explosion	1 February, 04:35
		Recorded 2 undetermined explosions	1 February, 04:36
		Recorded 3 undetermined explosions	1 February, 04:39
		Recorded 1 undetermined explosion	1 February, 04:40
		Recorded 21 undetermined explosions	1 February, 04:43-04:58
		Recorded 18 undetermined projectiles in flight from NW to SE	1 February, 04:43-04:58
		Recorded 1 undetermined explosion	1 February, 04:59
		Recorded 1 undetermined projectile in flight from NW to SE	1 February, 04:59
		Recorded 59 undetermined explosions	1 February, 05:00-05:03
		Recorded 1 undetermined projectile in flight from NW to SE	1 February, 05:08
		Recorded 3 undetermined explosions	1 February, 05:12
		Recorded 5 undetermined explosions	1 February, 05:15
		Recorded 2 undetermined explosions	1 February, 05:16
		Recorded 6 undetermined explosions	1 February, 05:18-05:25
		Recorded 2 undetermined projectiles in flight from NW to SE	1 February, 05:18-05:25
		Recorded 13 undetermined projectiles in flight from NW to SE	1 February, 05:26-05:33
		Recorded 36 undetermined explosions	1 February, 05:26-05:33
		Recorded 7 undetermined explosions	1 February, 05:34-05:36
		Recorded 4 undetermined projectiles in flight from NW to SE	1 February, 05:34-05:36
		Recorded 1 illumination flare	1 February, 05:36
		Recorded 5 undetermined explosions	1 February, 05:37-05:39
		Recorded 8 undetermined projectiles in flight from NW to SE	1 February, 05:37-05:39
		Recorded 19 undetermined explosions	1 February, 05:40-05:42
		Recorded 23 undetermined projectiles in flight from NW to SE	1 February, 05:40-05:42
		Recorded 11 undetermined explosions	1 February, 05:43-05:45
		Recorded 1 undetermined projectile in flight from SE to NW	1 February, 05:45
		Recorded 16 undetermined explosions	1 February, 05:46-05:52
		Recorded 17 undetermined projectiles in flight from NW to SE	1 February, 05:46-05:56
		Recorded 1 illumination flare	1 February, 05:56
		Recorded 5 undetermined explosions	1 February, 05:57-05:59
		Recorded 40 undetermined projectiles in flight from SE to NW	1 February, 05:57-05:59
		Recorded 5 undetermined projectiles in flight from NW to SE	1 February, 05:57-05:59

		Recorded 1 illumination flare		1 February, 05:59
		Recorded 36 undetermined explosions		1 February, 06:00-06:10
		Recorded 3 undetermined projectiles in flight from NW to SE		1 February, 06:00-06:10
		Recorded 140 tracers from NW to SE		1 February, 06:00-06:10
		Recorded 3 undetermined projectiles in flight from SE to NW		1 February, 06:00-06:10
		Recorded 13 undetermined explosions		1 February, 06:11-06:20
		Recorded 7 undetermined projectiles in flight from NW to SE		1 February, 06:11-06:20
		Recorded 30 tracers from NW to SE		1 February, 06:11-06:20
		Recorded 1 undetermined projectile in flight from NW to SE		1 February, 06:11-06:20
		Recorded 24 undetermined explosions		1 February, 06:21-06:25
	4-8km NE	Recorded 31 undetermined explosions	N/K	1 February, 06:39-07:01
		Recorded 19 explosions (impacts)		1 February, 07:02
		Recorded 65 undetermined explosions		1 February, 07:02-07:30
		Recorded 25 undetermined explosions		1 February, 07:31-07:37
		Recorded 1 airburst		1 February, 07:39
		Recorded 10 undetermined explosions		1 February, 07:40-07:48
		Recorded 1 airburst		1 February, 07:48
		Recorded 18 undetermined explosions		1 February, 07:52-07:59
		Recorded 1 airburst		1 February, 08:00
		Recorded 53 undetermined explosions		1 February, 08:05-08:30
		Recorded 32 undetermined explosions		1 February, 08:31-08:59
		Recorded 1 undetermined explosion		1 February, 09:10
		Recorded 11 undetermined explosions		1 February, 09:18-09:30
		Recorded 12 undetermined explosions		1 February, 10:41-10:53
		Recorded 5 projectiles in flight from NW to SE		1 February, 10:53
		Recorded 1 undetermined explosion		1 February, 12:24
		Recorded 1 undetermined explosion		1 February, 13:09
		Recorded 1 undetermined explosion		1 February, 13:59
		Recorded 1 undetermined explosion		1 February, 15:14
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	7-9km NNW	Heard 5 undetermined explosions	N/K	31 January, 19:05
		Heard 1 undetermined explosion		31 January, 19:15
		Heard 3 undetermined explosions		31 January, 19:24
		Heard 2 undetermined explosions		31 January, 19:45
	5-7km NNW	Heard 1 undetermined explosion	N/K	31 January, 19:57
		Heard 10 undetermined explosions		31 January, 20:56
		Heard 8 undetermined explosions		31 January, 21:08
		Heard 13 undetermined explosions		31 January, 21:11
	4-6km WNW	Heard 10 undetermined explosions	N/K	31 January, 21:13
		Heard 12 undetermined explosions		31 January, 21:14
		Heard 6 undetermined explosions		31 January, 21:15
		Heard 1 undetermined explosion		31 January, 21:16
		Heard 8 undetermined explosions		31 January, 21:32
		Heard 4 undetermined explosions		31 January, 21:35
		Heard 2 undetermined explosions		31 January, 21:41
		Heard 2 undetermined explosions		31 January, 21:44
		Heard 3 undetermined explosions		31 January, 21:50

		Heard 4 undetermined explosions		31 January, 21:53
		Heard 2 undetermined explosions		31 January, 21:58
		Heard 1 undetermined explosions		31 January, 22:07
		Heard 5 undetermined explosions		31 January, 22:10
		Heard 5 undetermined explosions		31 January, 22:12
		Heard 20 undetermined explosions		31 January, 22:16-22:20
		Heard 2 undetermined explosions		31 January, 22:21
		Heard 2 undetermined explosions		31 January, 22:24
		Heard 7 undetermined explosions		31 January, 22:25
		Heard 8 undetermined explosions		31 January, 22:26
		Heard 3 undetermined explosions		31 January, 22:38
		Heard 3 undetermined explosions		31 January, 22:40
	7-9km NNW	Heard 3 undetermined explosions	N/K	31 January, 22:50
	7-9km NNW	Heard 3 undetermined explosions	N/K	31 January, 22:51
	7-10km NNW	Heard 5 undetermined explosions	N/K	31 January, 22:57
		Heard 2 undetermined explosions		31 January, 23:00
		Heard 8 undetermined explosions		31 January, 22:26
		Heard 3 undetermined explosions		31 January, 22:38
		Heard 5 undetermined explosions		31 January, 23:00
		Heard 2 undetermined explosions		31 January, 23:02
		Heard 3 undetermined explosions		31 January, 23:05
		Heard 3 undetermined explosions		31 January, 23:07
		Heard 1 undetermined explosion		31 January, 23:09
		Heard 3 undetermined explosions		31 January, 23:12
		Heard 5 undetermined explosions		31 January, 23:14
		Heard 1 undetermined explosion		31 January, 23:18
		Heard 1 undetermined explosion		31 January, 23:24
		Heard 1 undetermined explosion		31 January, 23:31
		Heard 1 undetermined explosion		31 January 31, 23:45
		Heard 27 undetermined explosions		31 January, 23:47-23:59
		Heard 1 undetermined explosion		1 February, 00:04
		Heard 7 undetermined explosions		1 February, 00:27-00:29
		Heard 3 undetermined explosions		1 February, 00:51
		Heard 4 undetermined explosions		1 February, 01:15-01:25
		Heard 22 undetermined explosions		1 February, 01:30-01:45
		Heard 9 undetermined explosions		1 February, 02:13-02:28
		Heard 2 undetermined explosions		1 February, 03:04
		Heard 1 undetermined explosion		1 February, 00:04
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-6km SW	Heard 550 undetermined explosions	N/K	1 February, 07:35-08:30
	3-5km NW	Heard 1050 undetermined explosions		1 February, 08:30-09:30
	3-5km SW	Head 250 undetermined explosions		1 February, 09:30-10:15
	2-3km SW	Heard 4 undetermined explosions		1 February, 11:20
	3-5km W	Heard 4 undetermined explosions		1 February, 11:24
	2-3km W	Heard 3 undetermined explosions		1 February, 11:26
	3-5km N	Heard 5 undetermined explosions		1 February, 11:32
	3-5km W	Heard 2 undetermined explosions	HMG	1 February, 11:33
		Heard uncountable shots		1 February, 11:45-11:50
		Heard 36 bursts		1 February, 11:54-12:15
	2-3km W	Heard 5 undetermined explosions	N/K	1 February, 12:15-12:22
		Heard 1 undetermined explosion		1 February, 12:26
	3-5km W	Heard 4 undetermined explosions		1 February, 12:37
	1-1.5km W	Heard 2 undetermined explosions		
	2-3km W	Heard 2 undetermined explosions		

	2-3km NW	Heard 5 undetermined explosions		1 February, 12:42
	2-3km W	Heard 2 undetermined explosions		1 February, 12:45
	2-3km W	Heard 1 undetermined explosion		1 February, 12:47
		Heard 7 shots	Small arms	1 February, 12:52
		Heard 2 undetermined explosions	N/K	1 February, 12:54
		Heard 64 shots	Small arms	1 February, 12:55-12:59
		Heard 1 undetermined explosion	N/K	1 February, 13:01
		Heard uncountable bursts	Small arms	
	3-5km W	Heard 4 undetermined explosions	N/K	1 February, 13:05
		Heard 3 bursts	HMG	1 February, 13:08
	1km W	Heard 1 undetermined explosion	N/K	1 February, 13:11
	2-3km W	Heard 1 undetermined explosion		1 February, 13:47
	1.5-2km W	Heard uncountable bursts and shots	Small arms	1 February, 13:48-13:49
	2-3km W	Heard 1 undetermined explosion	N/K	1 February, 13:53
	0.5km W	Heard 1 undetermined explosion	N/K	1 February, 14:01
	2-3km WSW	Heard 3 undetermined explosions	N/K	1 February, 14:06-14:07
		Heard 3 shots	Small arms	1 February, 14:07
		Heard 8 undetermined explosions	N/K	1 February, 14:09-14:10
		Heard 15 shots	Small arms	1 February, 14:09-14:12
		Heard 1 undetermined explosion	N/K	1 February, 14:12
		Heard 3 shots	Small arms	1 February, 14:14
	4-5km SW	Heard 4 undetermined explosions	N/K	1 February, 14:22-14:27
	2-3km SW	Heard 1 undetermined explosion		1 February, 14:28
	4-5km SW	Heard 10 undetermined explosions		1 February, 14:34-14:40
	3-5km W	Heard 1 undetermined explosion		1 February, 14:41
	2-4km W	Heard 9 bursts	Small arms	1 February, 14:43
	3-5km W	Heard 2 undetermined explosions	N/K	1 February, 14:45
		Heard 6 undetermined explosions		1 February, 14:47-14:50
		Heard 9 bursts	Small arms	1 February, 14:51-14:52
		Heard 3 undetermined explosions	N/K	1 February, 14:51-14:52
	2-4km W	Heard 9 bursts	Small arms	1 February, 14:54-14:56
	3-5km WNW	Heard 3 undetermined explosions	N/K	1 February, 15:01
		Heard uncountable bursts	Small arms	1 February, 15:02
		Heard 2 undetermined explosions	N/K	1 February, 15:08
		Heard 4 undetermined explosions		1 February, 15:13
		Heard 8 undetermined explosions		1 February, 15:14
		Heard uncountable bursts	Small arms	1 February, 15:17
	3-4km WSW	Heard 4 undetermined explosions	N/K	1 February, 15:18
		Heard 3 undetermined explosions		1 February, 15:22-15:23
	2-3km SSW	Heard 18 undetermined explosions		1 February, 15:34-15:38
	2-3km WSW	Heard uncountable bursts	Small arms	1 February, 15:39
	2-4km WSW	Heard 3 undetermined explosions		1 February, 15:41
	2-3km NNW	Heard 5 undetermined explosions	N/K	1 February, 15:43-16:44
Donetsk Water Filtration Station 4.2km W of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km SSE	Heard 28 undetermined explosions	N/K	1 February, 10:35-10:42
	2-3km SW	Heard 15 undetermined explosions		1 February, 10:42-11:00
		Heard 20 bursts	HMG	1 February, 11:05
		Heard 1 undetermined explosion	N/K	1 February, 11:59
		Heard 2 undetermined explosions		1 February, 12:13
		Heard 2 undetermined explosions		1 February, 12:18
		Heard 1 undetermined explosion		1 February, 12:28

		Heard 2 undetermined explosions		1 February, 13:18
	2km SE	Heard 18 shots	Small arms	1 February, 13:29
	2km W	Heard 1 undetermined explosion	N/K	1 February, 13:59
		Heard 2 undetermined explosions		1 February, 14:04
	2km W	Heard 1 undetermined explosion		1 February, 14:28
	2km SW	Heard 10 shots	Small arms	1 February, 14:48
		Heard 2 undetermined explosions	N/K	1 February, 15:18
		Heard 10 undetermined explosions	HMG	
		Heard 50 bursts		
		Heard 5 undetermined explosions	N/K	1 February, 15:32
Heard 70 undetermined explosions	1 February, 15:57-16:00			
5.4km SE of Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-3km W	Heard 22 undetermined explosions	N/K	1 February, 08:55-09:07
	2-3km SE	Heard 1 undetermined explosion		1 February, 09:11
	2-3km W	Heard 10 undetermined explosions		1 February, 09:12
		Heard 56 undetermined explosions		1 February, 09:25
2.6km E of Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	1-2km S	Heard 1 undetermined explosion	N/K	1 February, 10:20-10:40
	5-7km W	Heard 20 undetermined explosions		1 February, 10:44-10:56
	5-7km W	Heard 11 undetermined explosions		
1.6km E of Yasynuvata centre, (“DPR”-controlled, 16km NE of Donetsk)	4-6km SW	Heard 2 bursts	HMG	1 February, 13:28-13:30
		Heard 4 bursts	HMG	1 February, 13:32
Avdiivka (government-controlled, 17km NW of Donetsk)	3-5km SSE	Heard 97 undetermined explosions	N/K	1 February, 09:22-09:45
	5-7km SW	Heard 48 undetermined explosions		1 February, 10:00-11:00
		Heard 15 undetermined explosions		1 February, 11:00-11:30
Makiivka (“DPR”-controlled, 12km NE of Donetsk)	0.5km W	Heard 4 explosions (impacts)	N/K	1 February, 09:32
	3-5km NW	Heard 12 undetermined explosions		1 February, 09:43
	4-6km N	Heard 8 undetermined explosions		1 February, 09:44
		Heard 7 undetermined explosions		1 February, 09:52
		Heard 8 undetermined explosions		1 February, 09:54
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-5km W	Heard 2 undetermined explosions	N/K	1 February, 09:55
	3-5km WSW	Heard 1 undetermined explosion		1 February, 09:57
		Heard 2 bursts	HMG	
	3-5km N	Heard 2 bursts		
	3-5km WSW	Heard 8 undetermined explosions	N/K	1 February, 10:00
		Heard 3 bursts	HMG	
	4-6km N	Heard 3 bursts		
	5-8km W	Heard 4 undetermined explosions	N/K	1 February, 10:02
		Heard 2 undetermined explosions		
	5-8km N	Heard 1 undetermined explosion		
	3-5km WSW	Heard 2 undetermined explosions		1 February, 10:04
	3-5km NNW	Heard 1 undetermined explosion		
		Heard 2 bursts	HMG	
	3-5km N	Heard 1 undetermined explosion	N/K	1 February, 10:06
	3-5km W	Heard 2 undetermined explosions		1 February, 10:07
	3-5km WSW	Heard 2 undetermined explosions		1 February, 10:08-10:28
	4-6km W	Heard 2 undetermined explosions		1 February, 10:08-10:33
	5-6km W	Heard 17 undetermined explosions		1 February, 10:33-10:47
	3-5km N	Heard 16 undetermined explosions		1 February, 10:35
	3-5km N	Heard 36 undetermined explosions		1 February, 10:38-10:44
	4-6km NW	Heard 1 undetermined explosion		1 February, 10:41
	4-6km NE	Heard 27 undetermined explosions		
	4-6km NW	Heard 1 undetermined explosion		

Mariupol (government-controlled, 102km S of Donetsk)	N/K ENE	Heard 7 undetermined explosions	N/K	31 January, 19:06-19:06	
	N/K E	Heard uncountable undetermined explosions		31 January, 19:17	
	N/K ENE	Heard 118 undetermined explosions		31 January, 19:30-20:00	
Lebedynske (government-controlled, 16km ENE of Mariupol)	N/K NNE	Heard 2 undetermined explosions	Small arms	1 February, 09:17-09:56	
	N/K SE	Heard 1 undetermined explosions			
	N/K NE	Heard 8 bursts Heard 3 shots			
Khreshchatytske (formerly Krasnoarmiiske, “DPR”-controlled, 33km NE of Mariupol)	3-5km S	Heard uncountable bursts	HMG	1 February, 10:34-10:40	
Hnutove (government-controlled, 20km NE of Mariupol)	N/K SW	Heard 1 undetermined explosion	N/K	1 February, 10:42	
1km NW of Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	N/K SSW	Heard 5 bursts	IFV (BMP-2) cannon (30mm)	1 February, 11:10	
	N/K WNW	Heard 1 undetermined explosion			
Azov (formerly Dzerzhynske) (“DPR”-controlled, 25km ENE of Mariupol)	4km NNW	Heard 4 undetermined explosions	N/K	1 February, 12:05	
Sakhanka (“DPR”-controlled, 24km ENE of Mariupol)	1km SSW	Heard 50 bursts	HMG	1 February, 12:45-12:57	
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	10km NW	Heard uncountable bursts	HMG	31 January, 18:00-18:30	
		Heard 23 undetermined explosions	N/K		
	10-15km SSW	Heard 18 undetermined explosions		31 January, 18:30-19:00	
	8-10km SW	Heard 15 undetermined explosions			
		Heard 14 undetermined explosions			
	10km NW	Heard 4 undetermined explosions	MLRS (type N/K)	31 January, 19:00-19:30	
	3-5km NW	Heard 20 explosions (outgoing)	N/K		
	10km NW	Heard 8 undetermined explosions	HMG		
	8-10km SW	Heard 7 undetermined explosions	N/K		
		Heard 8 bursts	HMG		
	10-15km SW	Heard 6 undetermined explosions	N/K	31 January, 19:30-20:00	
	5-6km SW	Heard 13 undetermined explosions	HMG		
		Heard 53 bursts	Mortars (type N/K)		
	3-5km SW	Heard 91 explosions (impacts)	MLRS (type N/K)		
		Heard 20 explosions (outgoing)	HMG		
		Heard uncountable bursts	Mortar (type N/K)		
		Heard 5 explosions (outgoing)			
	10km NW	Heard 2 undetermined explosions	N/K	31 January, 20:00-20:30	
	10-15km SW	Heard 10 undetermined explosions			
	10km NW	Heard 1 undetermined explosion	HMG		
		Heard 5 bursts	Small arms		
	5-7km SW	Heard uncountable bursts	HMG		
		Heard 12 bursts	N/K		
		Heard 5 undetermined explosions	Small arms		
	5-7km SW	Heard 2 bursts	N/K	31 January, 20:30-21:00	
		Heard 59 undetermined explosions	HMG		
		Heard uncountable bursts	Small arms		
	10km NW	Heard 3 undetermined explosions	N/K	31 January, 21:00-21:30	
	5-6km SSW	Heard 5 explosions (outgoing)	Mortar (type N/K)		
		Heard 10 bursts	HMG		
			Heard 40 bursts		

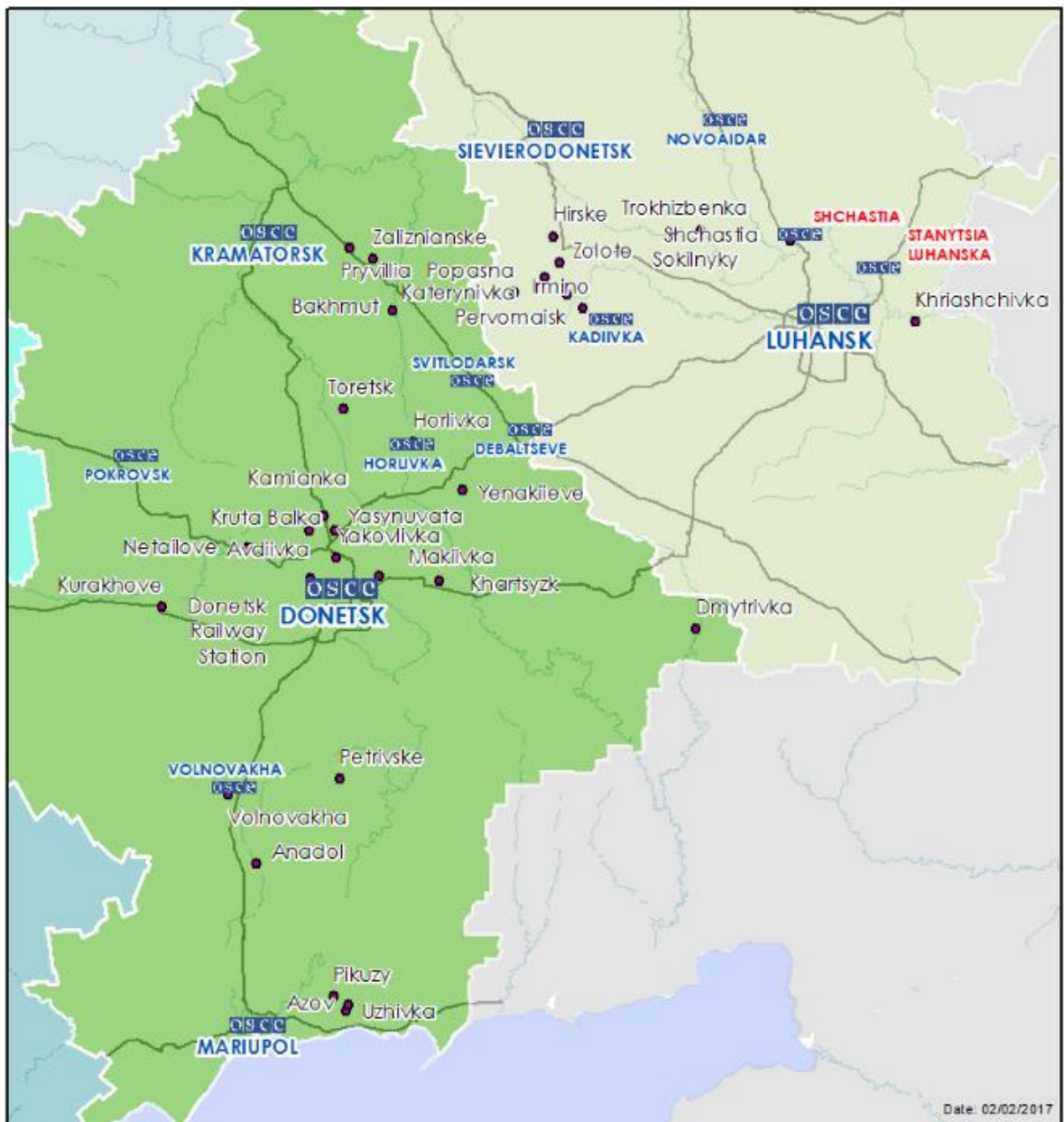
	6-8km SW	Heard 10 explosions (outgoing)	Mortar (type N/K)	
		Heard uncountable bursts	Small arms	
	4-5km SSW	Heard 1 explosion (impact)	N/K	
		Heard 4 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	
	5-8km SW	Heard 18 bursts	HMG	
		Heard 15 bursts	Small arms	
		Heard 20 shots	IFV (BMP-2) cannon (30mm)	
		Heard 4 explosions (outgoing)	Mortar (type N/K)	
	4-5km SSW	Heard 8 explosions (outgoing)	HMG	
		Heard 15 bursts	Mortar (type N/K)	
	4-5km SW	Heard 4 explosions (impacts)	N/K	31 January, 21:30-22:00
	5-8km SW	Heard 6 undetermined explosions		
	5-7km SW	Heard 14 undetermined explosions		1 February, 09:10
	2km NW	Heard 2 bursts	HMG	1 February, 09:12
		Heard 3 explosions (outgoing)	RPG	1 February, 09:14
		Heard 1 explosion (impact)	Mortar (82mm)	1 February, 09:20
	3-4km SW	Heard 3 undetermined explosions	N/K	1 February, 09:35
	2-3km NW	Heard 4 undetermined explosions	Recoilless gun (SPG-9, cannon 73mm)	1 February, 09:23
		Heard 3 explosions (outgoing)	RPG	1 February, 09:37
		Heard 2 explosions (outgoing)	N/K	1 February, 11:30
	1km NW	Heard 1 burst	HMG	
	1-2km SW	Heard 3 explosions (outgoing)	Recoilless gun (SPG-9, cannon 73mm)	
	4-5km SSW	Heard 1 undetermined explosion	N/K	
Svitlodarsk (government-controlled, 57km north-east of Donetsk)	5-7km NE	Heard 8 undetermined explosions	N/K	31 January, 18:30-18:35
		Heard 32 undetermined explosions		31 January, 19:00-19:15
	2-3km SE	Heard 8 bursts	HMG	31 January, 19:20-19:22
	5-7km NE	Heard 1 undetermined explosion	N/K	31 January, 19:37-19:40
	2-3km SE	Heard 4 bursts	HMG	31 January, 19:50
		Heard 4 bursts		31 January, 20:30
		Heard 1 burst	Anti-aircraft cannon (ZU-23, 23mm)	31 January, 20:50-20:56
	5-7km NE	Heard 1 undetermined explosion	N/K	31 January, 20:57-21:10
		Heard 3 undetermined explosions		31 January, 21:21-21:40
		Heard 14 undetermined explosions		31 January, 21:40-21:43
		Heard 32 explosions undetermined explosions		31 January, 21:43-21:50
	3-4km NE	Heard 19 explosions (outgoing)	Artillery (type N/K)	31 January, 22:03-22:12
	2-3km SE	Heard 4 bursts	HMG	31 January, 22:23-22:40
	5-7km NE	Heard 7 undetermined explosions	N/K	31 January, 22:49-22:57
	2-3km SE	Heard 25 bursts	HMG	31 January, 22:52-22:59
		Saw 2 star shells (flares)	N/K	1 February, 11:31
	2-4kmSE	Heard 17 explosions (outgoing)	Tank (type N/K)	1 February, 12:01
	2-4km N	Heard and saw 32 explosions (outgoing)	Artillery (type N/K)	1 February, 12:23
		Heard and saw 21 explosions (outgoing)		1 February, 12:46
	5-7km NE	Heard 7 undetermined explosions	N/K	1 February, 13:40
	4-6km SE	Heard 1 explosion (impact)		
	4-5km NE	Heard 1 undetermined explosion		
		Heard 1 undetermined explosion		
		Heard 4 undetermined explosion		
	4-5km SE	Heard 1 undetermined explosion		
Kruta Balka	2km NW	Heard 2 bursts	HMG	1 February, 08:10

("DPR"-controlled, 16km N of Donetsk)		Heard 3 explosions (outgoing)	RPG	1 February, 08:12	
		Heard 1 explosion (impact)	Mortar (82mm)		
	3-4km SW	Heard 3 undetermined explosions	N/K	1 February, 08:14	
	2-3km NW	Heard 4 undetermined explosions		1 February, 08:20	
	1km NW	Heard 1 burst	HMG	1 February, 08:23	
	2-3km NW	Heard 3 explosions (outgoing)	RPG	1 February, 08:35	
		Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)		
	1-2km SW	Heard 3 explosions (outgoing)		1 February, 08:37	
	2-3km NW	Heard 3 undetermined explosions	N/K	1 February, 08:42-08:44	
	4-6km SW	Heard 2 undetermined explosions		1 February, 08:46	
		Heard 1 undetermined explosion		1 February, 08:47	
		Heard 1 undetermined explosion		1 February, 08:48	
		Heard 2 undetermined explosions		1 February, 08:52	
		Heard 1 undetermined explosion		1 February, 08:57	
		Heard 3 undetermined explosions		1 February, 08:58	
	2-3km SW	Heard 3 undetermined explosions		1 February, 08:59	
		Heard 7 undetermined explosions		1 February, 09:00-10:04	
		Heard 1 undetermined explosion		1 February, 09:05	
		Heard 1 undetermined explosion		1 February, 09:10	
		Heard 1 undetermined explosion		1 February, 09:11	
		Heard 7 undetermined explosions		1 February, 09:12	
	8-9km NNW	Heard 2 salvos (impacts)		MLRS (BM-21 <i>Grad</i> , 122mm)	1 February, 09:29
	5-6km SW	Heard 5 undetermined explosions		N/K	1 February, 09:30
		Heard 2 undetermined explosion			1 February, 09:34
		Heard 1 undetermined explosion	1 February, 09:36		
		Heard 6 undetermined explosions	1 February, 09:37		
		Heard 4 undetermined explosions	1 February, 09:38		
		Heard 4 undetermined explosions	1 February, 09:40		
		Heard 10 undetermined explosions	1 February, 09:44		
		Heard 2 undetermined explosions	1 February, 09:45		
	4-5km SW	Heard 1 undetermined explosion		1 February, 10:01	
	5-6km SW	Heard 1 undetermined explosion		1 February, 10:02	
		Heard 2 undetermined explosions		1 February, 10:05	
		Heard 2 undetermined explosions		1 February, 10:07	
		Heard 1 undetermined explosion	Tank (type N/K)	1 February, 10:08	
		Heard 7 undetermined explosions		1 February, 10:42	
	4-6km SW	Heard 1 undetermined explosion	N/K	1 February, 10:49	
	1km NNE	Heard 1 shot	Small arms	1 February, 11:37	
	3km SW	Heard 3 bursts	HMG		
	2-3km SW	Heard 3 bursts	RPG (N/K type)	1 February, 11:47	
		Heard 2 undetermined explosions		1 February, 11:48	
		Heard 5 bursts	HMG	1 February, 11:49	
		Heard 3 bursts		1 February, 11:50	
	2-3km W	Heard 3 bursts	Recoilless gun (SPG-9, 73mm)	1 February, 11:51	
		Heard 9 undetermined explosions			
	1-2km SW	Heard 1 undetermined explosion	Mortar (82mm)	1 February, 11:56	
		Heard 1 undetermined explosion		1 February, 11:59	
	2km W	Heard 1 undetermined explosion		1 February, 12:08	
	1km NW	Heard 2 explosions (outgoing)	Mortar (120mm)	1 February, 12:11	
	4-5km SW	Heard 2 undetermined explosions	Mortar (82mm)	1 February, 12:12	
		Heard 2 undetermined explosions	N/K	1 February, 12:20	
	1km NW	Heard 1 undetermined explosion	Mortar (82mm)	1 February, 12:25	
	1-2km W	Heard 1 undetermined explosion	Tank (N/K type)	1 February, 13:09	
	3-4km W	Heard 1 explosion (impact)	Mortar (120mm)	1 February, 13:14	
	4km SW	Heard 1 undetermined explosion	Tank (N/K type)	1 February, 13:18	
	4-5km SW	Heard 2 undetermined explosion	N/K	1 February, 13:20	
	3-4km SW	Heard 1 undetermined explosion	Mortar (82mm)	1 February, 13:54	
	2km W	Heard 1 explosion (impact)	Mortar (120mm)	1 February, 13:58	
	3-4km W	Heard 5 bursts	HMG	1 February, 14:01	
Fedorivka	4-6km NNE	Heard 1 undetermined explosion	N/K	1 February, 10:32	

("DPR"-controlled, 34km NE of Donetsk)	12-14km NW	Heard 3 undetermined explosions		1 February, 10:41
	2-3km NW	Heard 1 burst	HMG	1 February, 10:42
	6km SSW	Heard 1 undetermined explosion	N/K	1 February, 10:45
Kamianka (government-controlled, 20km north of Donetsk)	5km W	Heard 1 burst	Small arms	1 February, 11:51
		Heard 1 undetermined explosion	N/K	1 February, 12:13
		Heard 1 undetermined explosion		1 February, 12:24
		Heard 1 undetermined explosion		1 February, 13:10
		Heard 1 undetermined explosion		1 February, 13:58
		Heard 1 undetermined explosion		1 February, 14:27
		Heard 1 undetermined explosion		1 February, 14:29
		Heard 1 undetermined explosion		1 February, 15:15
		Heard 1 undetermined explosion		1 February, 15:17
		Heard 1 undetermined explosion		1 February, 15:23
		Heard 1 undetermined explosion		1 February, 15:30
		Heard uncountable overlapping undetermined explosions		1 February, 15:58-16:15
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	330m SW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	30 January, 19:57
	330m SW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	30 January, 20:32
	800m SE	Recorded 1 impact explosion (assessed as inside the disengagement area)	Mortar (N/K)	30 January, 21:22
	750m SE	Recorded 1 shot (assessed as inside the disengagement area)	Small arms	30 January, 21:45
	180m SW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	30 January, 22:11
	130m SSW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	30 January, 23:10
	330m SW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	31 January, 02:29
	330m SW	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	31 January, 02:34
	180m S	Recorded 1 tracer from north to south (assessed as outside the disengagement area)	Small arms	31 January, 03:20
Kadiivka ("LPR"-controlled, formerly Stakhanov, 50km W of Luhansk)	5-10km NWN	Heard 100 undetermined explosions	Mortar and artillery (type N/K)	31 January-1 February, 18:30-00:40
	5-10km NW	Heard 50 undetermined explosions	Artillery (type N/K)	1 February, 05:45-06:15
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	15-20km W	Heard 2 undetermined explosions (assessed as outside the disengagement area)	Artillery (type N/K)	1 February, 08:10
Kalynove ("LPR"-controlled, 60km W of Luhansk)	3km NW	Heard 4 explosions (outgoing)	Artillery (type N/K)	1 February, 09:36
	10-12km SW	Heard 1 undetermined explosion	Artillery (type N/K)	1 February, 09:42
Malomykolaivka ("LPR"-controlled, 36km SW of Luhansk)	10-15km N	Heard 20 undetermined explosions (assessed as live-fire exercise)	N/K	1 February, 09:30-09:40
	10-15km NE	Heard 40 undetermined explosions (assessed as live-fire exercise)	N/K	1 February, 09:30-09:40
	10-15km N	Heard 8 undetermined explosions (assessed as live-fire exercise)	N/K	1 February, 12:30-12:40
Trokhizbenka (government-controlled, 32km NW of Luhansk)	10-15km W, SW	Heard 15 undetermined explosions	Mortar (120mm)	1 February, 09:40-09:50
Sokilnyky ("LPR"-controlled, 38km NW of Luhansk)	2-3km WSW	Heard 80 shots	HMG	1 February, 10:15-10:40
Novoaidar (government-controlled, 49km NW of Luhansk)	7-10km NW	Heard 7 undetermined explosions	Artillery (type N/K)	1 February, 10:50-11:02

Sokilnyky ("LPR"-controlled, 38km NW of Luhansk)	6-7km WSW	Heard 1 undetermined explosion	N/K	01 February, 10:56
Hannivka ("LPR"-controlled, 58km W of Luhansk)	5km W	Heard 15 shots	AGS	01 February, 12:07
2 Mariia (formerly Lenina, "LPR"-controlled, 19km SW of Luhansk)	12km W	Heard 20 undetermined explosions	N/K	01 February, 12:35-12:45
Karbonit (government-controlled, 60km NW of Luhansk)	3-5km SE	Heard 7 shots (assessed as outside the disengagement areas)	SALW	1 February, 13:40-13:45
		Heard 5 undetermined explosions (assessed as outside the disengagement areas)	N/K	
Troitske (government-controlled, 69km W of Luhansk)	4-5km N	Heard 6 undetermined explosions	N/K	1 February, 13:41-13:42
Novoaidar (government-controlled, 49km NW of Luhansk)	3-5km W, NW	Heard 16 bursts	HMG	1 February, 19:25-19:38
		Heard 6 undetermined explosions	N/K	

Map of Donetsk and Luhansk regions²



² The SMM is deployed to ten locations throughout Ukraine, Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv, as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)