

Table of ceasefire violations as of 26 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	6-8km NE	Recorded 8 tracer rounds from W to E	N/K	24 March, 18:33
		Recorded 24 tracer rounds from E to W		24 March, 18:34
		Recorded 1 undetermined explosion		24 March, 18:37
		Recorded 2 tracer rounds from E to W		24 March, 18:39
		Recorded 2 undetermined explosions		24 March, 18:44
		Recorded 1 projectile from W to E		24 March, 18:45
		Recorded 1 projectile from W to E		24 March, 18:47
		Recorded 7 projectiles from W to E		24 March, 19:20
		Recorded 2 tracer rounds from S to N		24 March, 22:03
		Recorded 1 projectile from S to N		24 March, 22:05
		Recorded 7 tracer rounds from E to W		24 March, 22:47
		Recorded 3 tracer rounds from E to W		24 March, 22:48
		Recorded 1 undetermined explosion		24 March, 23:44
		3-5km NNE		Recorded 1 undetermined explosion
	Recorded 1 undetermined explosion		25 March, 18:55	
	Recorded 5 projectiles from N to S		25 March, 19:03	
	Recorded 1 projectile from N to S		25 March, 19:04	
	Recorded 1 projectile from N to S		25 March, 19:05	
	Recorded 1 projectile from W to E		25 March, 19:08	
	Recorded 5 undetermined explosions		25 March, 19:10	
	Recorded 5 projectile from E to W		25 March, 19:15	
	Recorded 14 projectile from E to W		25 March, 19:16	
	Recorded 14 subsequent explosions (impact)			
	Recorded 4 projectiles from E to W		25 March, 19:22	
	Recorded 7 projectiles from E to W		25 March, 19:29	
	Recorded 20 projectiles from E to W		25 March, 19:20	
	Recorded 3 projectiles from E to W		25 March, 19:31	
	Recorded 1 undetermined explosion		25 March, 19:33	
	Recorded 1 projectile from W to E	25 March, 19:35		
Recorded 1 projectile from S to N	25 March, 19:49			
Recorded at least 20 projectiles from E to W	25 March, 19:51			
Recorded at least 20 projectiles from E to W	25 March, 19:52			

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.

		Recorded at least 20 projectiles from E to W		25 March, 19:53	
		Recorded 3 projectiles from E to W		25 March, 19:58	
		Recorded 3 projectiles from E to W		25 March, 20:00	
		Recorded 1 projectile from W to E		25 March, 20:05	
		Recorded 5 undetermined explosions			
		Recorded 3 projectile from E to W			
		Recorded 5 projectiles from W to E			
		Recorded at least 20 projectiles from E to W			
		Recorded at least 21 projectiles from E to W			
		Recorded 1 undetermined explosion			
	Recorded 1 projectile from W to E				
	Recorded 1 projectile from W to E				
	Recorded 1 undetermined explosion				
	Recorded at least 10 projectiles from E to W	25 March, 21:02			
	Recorded at least 14 projectiles from E to W	25 March, 21:04			
	Recorded 21 projectiles from E to W	25 March, 21:23			
	Recorded 1 projectile from E to W	25 March, 21:33			
	Recorded 1 undetermined explosion	25 March, 21:58			
	Recorded 1 undetermined explosion	25 March, 22:56			
	Recorded 1 projectile from E to W	25 March, 22:57			
	Recorded 1 projectile from E to W	25 March, 22:58			
	Recorded 16 projectiles from E to W	25 March, 23:01			
	Recorded 1 projectile from W to E				
	Recorded 1 projectile from W to E				
	Recorded 1 projectiles from E to W				
	Recorded 47 projectiles from E to W				
	Recorded 1 projectile from W to E				
	Recorded 1 projectile from W to E				
	2-3km NE			Recorded 4 undetermined explosions	26 March,15:41-15:42
	6-10km NE			Recorded 14 undetermined explosions	26 March,16:32-16:40
	3-5 km NNE			Recorded 2 undetermined explosions	26 March ,16:47
	6-10km NE	Recorded 25 undetermined explosions		26 March ,17:03 – 17:44	
2-3 km NE	Recorded 6 undetermined explosions	26 March ,17:08 – 17:40			
6-10km NE	Recorded 1 air burst	26 March , 17:42			
6-10km NE	Recorded 9 undetermined explosions	26 March , 17:43 – 17:58			
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded 1 undetermined explosion	N/K	24 March, 18:34	
		Recorded 1 undetermined explosion		24 March, 18:37	
		Recorded 1 undetermined explosion		24 March, 18:47	
		Recorded 1 undetermined explosion		24 March, 22:05	
		Recorded 1 undetermined explosion		24 March, 22:16	
		Recorded 1 undetermined explosion		24 March, 22:39	
		Recorded 1 undetermined explosion		24 March, 23:47	

		Recorded 1 undetermined explosion		25 March, 01:20
	4-5km SE	Recorded 8 projectiles from W to E		25 March, 16:07
		Recorded 1 undetermined explosion		25 March, 16:48
		Recorded 1 undetermined explosion		25 March, 17:06
		Recorded 1 undetermined explosion		25 March, 17:12
		Recorded 1 undetermined explosion		25 March, 17:14
	2-4km SE	Recorded 1 undetermined explosion		25 March, 17:16
		Recorded 1 undetermined explosion		25 March, 17:18
		Recorded 1 undetermined explosion		25 March, 17:20
		Recorded 1 undetermined explosion		25 March, 17:21
	4-5km SE	Recorded 1 undetermined explosion		25 March, 17:22
	3-4km SE	Recorded 1 undetermined explosion		25 March, 17:23
		Recorded 1 undetermined explosion		25 March, 17:24
	4-5 km SE	Recorded 1 undetermined explosion		25 March, 17:26
		Recorded 1 undetermined explosion		25 March, 17:28
		Recorded 1 undetermined explosion		25 March, 17:29
		Recorded 1 undetermined explosion		25 March, 17:31
		Recorded 1 undetermined explosion		25 March, 17:33
		Recorded 2 undetermined explosions		25 March, 17:34
		Recorded 1 undetermined explosion		25 March, 17:35
		Recorded 1 undetermined explosion		25 March, 17:36
		Recorded 1 undetermined explosion		25 March, 17:37
		Recorded 1 undetermined explosion		25 March, 17:38
	3-4km SE	Recorded 1 projectile from N to S		25 March, 17:45
	4-5 km SE	Recorded 1 undetermined explosion		25 March, 17:52
		Recorded 1 undetermined projectile in flight from N to S		25 March, 17:52
		Recorded 1 undetermined explosion		25 March, 18:04
	4-6km ESE	Recorded 3 projectiles from E to W		25 March, 18:44
		Recorded 1 projectile from W to E		25 March, 18:47
		Recorded 1 projectile from W to E		25 March, 18:49
		Recorded 1 undetermined explosion		25 March, 18:53
		Recorded 1 undetermined explosion		25 March, 18:55
		Recorded 1 projectile from W to E		25 March, 18:56
		Recorded 1 undetermined explosion		25 March, 18:57
		Recorded 1 undetermined explosion		25 March, 18:59
		Recorded 1 projectile from N to S		25 March, 18:59
		Recorded 3 projectiles from S to N		25 March, 19:00
		Recorded 17 projectiles from W to E	N/K	25 March, 19:01
		Recorded 1 projectiles from W to E		25 March, 19:03
		Recorded 1 undetermined explosion		25 March, 19:07
		Recorded 1 undetermined explosion		25 March, 19:08
		Recorded 1 undetermined explosion		25 March, 19:09
		Recorded 1 undetermined explosion		25 March, 19:14
		Recorded 1 undetermined explosion		25 March, 19:19
		Recorded 1 undetermined explosion		25 March, 19:20
		Recorded 1 projectile from W to E		25 March, 19:21
		Recorded 1 undetermined explosion		25 March, 19:24
	Recorded 1 undetermined explosion		25 March, 19:32	
	Recorded 1 undetermined explosion		25 March, 19:33	
	Recorded 1 undetermined explosion		25 March, 19:38	

		Recorded 1 undetermined explosion		25 March, 19:39		
		Recorded 1 projectile from W to E		25 March, 19:46		
		Recorded 1 undetermined explosion		25 March, 19:47		
		Recorded 2 undetermined explosions		25 March, 19:48		
		Recorded 1 projectile from W to E		25 March, 20:02		
		Recorded 3 projectiles from E to W		25 March, 21:51		
		Recorded 1 undetermined explosion		26 March, 08:08		
		Recorded 3 undetermined explosions		26 March, 08:08		
		Recorded 2 projectiles from W to E		26 March, 16:02 – 16:28		
		Recorded 3 projectiles from E to W		26 March, 17:06 – 17:55		
		Recorded 1 projectile from N to S				
		Recorded 2 undetermined explosions				
		Recorded 1 air burst				
		Recorded 21 undetermined explosions				
		Recorded 53 undetermined explosions				
SMM camera at Shyrokyne (20km E of Mariupol)	N/K N	Recorded 2 illumination flares in vertical flight	N/K	24 March, 18:42-18:43		
		Recorded 4 tracer rounds from W to E		24 March, 19:08-19:09		
		Recorded 1 illumination flare in vertical flight		24 March, 20:26		
		Recorded 1 rocket-assisted projectile from W to E		24 March, 20:37		
		Recorded 1 undetermined explosion		24 March, 21:39		
		Recorded 1 undetermined explosion		24 March, 21:40		
		Recorded 1 undetermined explosion		24 March, 21:46		
		Recorded 1 rocket-assisted projectile from E to W		24 March, 22:11		
		Recorded 1 subsequent explosion (impact)		24 March, 22:18		
		Recorded 2 undetermined explosions				
		N/K N		N/K	Recorded 2 undetermined explosions	24 March, 22:19
					Recorded 1 rocket-assisted projectile from W to E	24 March, 22:15
	Recorded 1 undetermined explosion		24 March, 22:30			
	Recorded 2 undetermined explosions		24 March, 22:34			
	Recorded 1 undetermined explosion		24 March, 23:08			
	Recorded 10 tracer rounds from W to E		24 March, 23:12			
	Recorded 1 tracer round from E to W		24 March, 23:34			
	Recorded 1 undetermined explosion		24 March, 23:55			
	Recorded 1 undetermined explosion		25 March, 00:22			
	Recorded 1 tracer round from E to W		25 March, 00:41			
	Recorded 1 tracer round from E to W					
	Recorded 3 tracer rounds from E to W					
	6-8km N		Artillery (type N/K)		Recorded 15 explosions (impact)	25 March, 15:21 – 15:55
		Recorded 2 explosions (impact)		25 March, 16:03 – 16:05		
	N/K N	N/K	Recorded 1 explosion (impact)	25 March, 19:04		
			Recorded 11 tracer rounds from W to E	25 March, 19:07		
			Recorded 1 undetermined explosion	25 March, 19:09		

		Recorded 1 undetermined explosion		25 March, 19:11
		Recorded 1 explosion (outgoing)		25 March, 19:15
		Recorded 1 explosion (impact)		25 March, 19:18
		Recorded 5 bursts		25 March, 19:29
		Recorded 4 tracer rounds from W to E		25 March, 20:02
		Recorded 6 tracer rounds from W to E		25 March, 20:05
	N/K ENE	Recorded 6 tracer rounds from N to S	N/K	25 March, 20:54
	N/K N	Recorded 48 tracer rounds from E to W	N/K	25 March, 22:35-22:39
		Recorded 10 tracer rounds from E to W		25 March, 22:40-22:41
		Recorded 1 undetermined explosion		25 March, 22:42-22:44
		Recorded 29 tracer rounds from E to W		
		Recorded 1 undetermined explosion		25 March, 22:45-22:48
		Recorded 38 tracer rounds from W to E		
		Recorded 44 tracer rounds from E to W		25 March, 22:45-22:48
	Recorded 4 tracer rounds from E to W	25 March, 22:50		
	N/K NE	Recorded 1 tracer round from E to W	N/K	25 March, 23:24
		Recorded 12 tracer rounds from E to W		25 March, 23:44-23:46
		Recorded 1 tracer round from E to W		25 March, 23:47
		Recorded 1 tracer round from E to W		25 March, 23:48
		Recorded 3 tracer rounds from E to W		25 March, 23:50-23:52
		Recorded 3 undetermined explosions		
	N/K N	Recorded 1 undetermined explosion	N/K	26 March, 00:12
		Recorded 1 explosion (impact)		26 March 00:23
	N/K N	Recorded 1 undetermined explosion	N/K	26 March, 00:28
		Recorded 1 tracer round from W to E		26 March, 00:31-00:32
		Recorded 1 rocket-assisted projectile from W to E		
		Recorded 2 undetermined explosions		26 March, 00:33
		Recorded 1 rocket-assisted projectile from W to E		26 March, 01:28
		Recorded 8 tracer rounds from E to W		26 March, 01:31
		Recorded 1 tracer round from SW to NE		26 March, 01:32
		Recorded 2 tracer rounds from E to W		26 March, 01:35
		Recorded 2 tracer rounds from E to W		26 March, 01:50-01:52
Recorded 4 tracer rounds from W to E		26 March, 01:50-01:52		
Recorded 2 tracer rounds from SW to NE		26 March, 01:50-01:52		
Recorded 1 tracer round from W to E		26 March, 03:38		
Recorded 1 rocket-assisted projectile from W to E		26 March,03:40		
Recorded 2 rocket-assisted projectiles from W to E		26 March, 03:42-03:43		
Recorded 3 rocket-assisted projectiles from W to E		26 March, 03:59-04:00		
Recorded 5 tracer rounds from E to W		26 March, 05:24-05:25		
Recorded 1 undetermined explosion		26 March, 05:29		

	5-6km NE	Recorded 39 explosions (impacts)	Artillery (122mm)	26 March, 15:49-17:30	
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	12-14km SW	Heard 21 explosions (outgoing)	Artillery (type N/K)	24 March, 18:50-20:30	
		Heard 17 explosion (impacts)			
		Heard 12 undetermined explosions			
	8-15km W	Heard 12 undetermined explosions			24 March, 20:31-21:13
	5km NW	Heard uncountable overlapping bursts and shots	HMG and small arms		24 March, 21:13-21:15
	5-10km W	Heard 1 explosion (impact)	Artillery (type N/K)		24 March, 21:15-21:21
		Heard 6 undetermined explosions			
		Heard uncountable overlapping bursts and shots	HMG and small arms		
		Heard 10 bursts	HMG		
	5km NW	Heard uncountable overlapping bursts and shots	HMG and small arms		24 March, 21:24-21:26
	8km W	Heard 4 explosion (impacts)	Artillery (type N/K)		24 March, 21:28-21:29
	5km NW	Heard 5 bursts	HMG		24 March, 21:30
8km W	Heard 2 explosion (impacts)	Artillery (type N/K)		24 March, 21:33	
6km SW	Heard 2 explosion (impacts)			24 March, 21:36	
4-5km SW	Heard 4 bursts	Small arms		25 March, 20:40	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SW	Heard 19 undetermined explosions	N/K	24 March, 19:14-21:32	
		Heard 3 bursts	Small arms		
	3-6km SSW	Heard 1 undetermined explosion	N/K	26 March, 09:05-09:20	
		Heard 3 bursts	HMG		
		Heard 40 shots	Small arms		
	10-15km SE	Heard 12 salvos	MLRS (type N/K)	26 March, 16:30-16:50	
		Heard 10 undetermined explosions	N/K		
	10km SE	Heard 55 undetermined explosions			26 March, 17:02-17:15
	5-7km ESE	Heard 2 bursts (7-10 shots each)	HMG		26 March, 17:35
	10-15km ESE	Heard 2 undetermined explosions	N/K		26 March, 17:35
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	10-15km NW	Heard 105 undetermined explosions	N/K	24 March, 20:30-21:10	
	5-10km NW	Heard 40 undetermined explosions		24 March, 20:30-21:10	
	3-5km NW	Heard 2 undetermined explosions		24 March, 20:30-21:10	
	3-5km NW	Heard 5 bursts	Small arms	24 March, 20:30-21:10	
	10-15km NW	Heard 4 undetermined explosions	N/K	24 March, 22:55-23:00	
	10-15km NW	Heard 28 undetermined explosions		25 March, 02:45-03:10	
Donetsk City Centre	6-8km NNW	Heard 2 undetermined explosions	N/K	24 March, 20:39	
		Heard 1 undetermined explosion		24 March, 20:40	
		Heard 1 undetermined explosion		24 March, 21:00	
		Heard 1 undetermined explosion		24 March, 21:06	
		Heard 1 undetermined explosion		24 March, 21:08	
		Heard 1 undetermined explosion		24 March, 21:20	
		Heard 1 undetermined explosion		24 March, 21:31	

		Heard 2 undetermined explosions		24 March, 21:37	
		Heard 2 undetermined explosions		24 March, 22:01	
		Heard 2 undetermined explosions		24 March, 22:10	
	3-6km NW	Heard 3 undetermined explosions		24 March, 23:08	
		Heard 1 undetermined explosion		24 March, 23:09	
		Heard 2 undetermined explosions		24 March, 23:10	
		Heard 2 undetermined explosions		24 March, 23:24	
		Heard 3 undetermined explosions		24 March, 23:34	
		Heard 1 undetermined explosion		24 March, 23:35	
		Heard 2 undetermined explosions		24 March, 23:43	
		Heard 3 undetermined explosion		24 March, 23:45	
		Heard 3 undetermined explosions		24 March, 23:49	
		Heard 1 undetermined explosion		25 March, 00:10	
		Heard 1 undetermined explosion		25 March, 00:26	
		Heard 3 undetermined explosions		25 March, 00:57	
		Heard 2 undetermined explosions		25 March, 01:07	
		Heard 2 undetermined explosions		25 March, 01:17	
		Heard 2 undetermined explosions		25 March, 01:23	
		Heard 2 undetermined explosions		25 March, 01:25	
		Heard 4 undetermined explosions		25 March, 01:28	
		Heard 3 undetermined explosions		25 March, 01:31	
		Heard 3 undetermined explosions		25 March, 01:35	
		Heard 4 undetermined explosions		25 March, 01:38	
		Heard 2 undetermined explosions		25 March, 01:44	
		Heard 2 undetermined explosions		25 March, 02:15	
		Heard 3 undetermined explosions		25 March, 02:24	
	Heard 2 undetermined explosions	25 March, 02:27			
	6-8km NNW	Heard 8 undetermined explosions		N/K	25 March, 19:35
		Heard 5 undetermined explosions		N/K	25 March, 20:03
		Heard 2 undetermined explosions		N/K	25 March, 21:34
	Petrivske ("DPR"-controlled, 41km south of Donetsk)	3-5km NNW		Heard 1 undetermined explosion (outside the disengagement area)	N/K
8-10km W		Heard 2 undetermined explosions (outside the disengagement area)	N/K	25 March, 09:03	
		Heard 1 undetermined explosion (outside the disengagement area)	N/K	25 March, 09:20	
Bohdanivka (government controlled, 41km S of Donetsk)	7-10km NW	Heard 2 undetermined explosions	N/K	25 March, 09:05 – 09:10	
	N/K S	Heard 2 undetermined explosions (outside the disengagement area)	N/K	25 March, 13:23-13:25	
1km N of Sopyne (government controlled, 16km E of Mariupol)	N/K NE	Heard 9 undetermined explosions	N/K	25 March, 12:10-12:40	
3km NNE of Hnutove (government controlled, 20km NE of Mariupol)	4-6km E	Heard and saw 2 air bursts	N/K	25 March, 09:30	
	N/K NE	Heard 2 undetermined explosions	N/K	25 March, 10:10-10:27	
		Recorded 1 undetermined explosion	N/K	25 March, 10:36	
	N/K E	Heard 4 explosions (outgoing)	N/K	25 March, 10:47-11:11	
	6km SE	Heard and saw 9 explosions (impacts)	N/K		
N/K W	Heard 5 explosions (outgoing)	N/K			

	5-6km SE	Heard and saw 2 explosions (impacts)		
	7-8km SE	Heard 7 explosions (impact)	N/K	25 March, 13:25-14:50
	N\K SE	Heard 1 undetermined explosion		
	N\K E	Heard 2 undetermined explosions		
	N\K SW	Heard 1 explosion (outgoing)		
Bezimenne (“DPR”-controlled, 30km E of Mariupol)	N/K N	Heard 6 explosions (outgoing)	Artillery (type N/K)	
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km WSW	Heard 1 undetermined explosion	N/K	25 March, 11:07
	2-4km N	Heard 10 shots	Small arms	25 March, 11:43
	3-5km W	Heard 8 undetermined explosions	N/K	25 March, 12:51-12:53
	2-4km W	Heard 7 shots	Small arms	25 March, 12:51-12:53
	3-5km WNW	Heard 2 undetermined explosions	N/K	25 March, 12:55-12:57
	1-3km W	Heard 17 shots	Small arms	25 March, 12:55-12:57
	3-5km W	Heard 1 undetermined explosions	N/K	25 March, 12:58
	3-5km W	Heard 3 undetermined explosions	N/K	25 March, 13:04-13:08
NE edge of Shevchenko (“DPR”-controlled, 38km NE of Mariupol)	N/K SSW	Heard 3 undetermined explosions	N/K	25 March, 11:23
1km S of Mytkovo-Kachkari (“DPR”-controlled, 32km NE of Mariupol)	1km SSW	Heard 13 explosions (outgoing)	Artillery (type N/K)	25 March, 11:46-11:57
	N/K W	Heard and saw 13 subsequent explosions (impact)		
NE edge Orlivske (government-controlled, 23km NE of Mariupol)	N/K SE	Heard 5 undetermined explosions	N/K	25 March, 11:54-11:56
	N/K NE	Heard 1 undetermined explosion		
SSW edge of Khreshchatytske (formerly Krasnoarmiiske) (“DPR”-controlled, 33km NE of Mariupol)	N/K W	Heard 11 undetermined explosions	AGL	25 March, 12:10-12:25
	N/K NW	Heard 3 undetermined explosions	N/K	25 March, 12:45-12:50
1km N of Sopyne (government controlled, 16km E of Mariupol)	N/K NE	Heard 9 undetermined explosions	N/K	25 March, 12:10-12:40
Talakovka (government controlled, 17 Km NE of Mariupol)	N/K W	Heard 5 undetermined explosions	.	25 March, 15:00
	3km WSW	Heard 9 explosions (outgoing)	N/K	26 March, 13:30-13:45
	4-5km NW	Heard 6 explosions (outgoing)		
Petrivske (“DPR”-controlled, 41km south of Donetsk)	1km ESE	Heard 25 shots	Small arms	26 March, 10:40-10:47
4.4km SE of Olenivka (“DPR”-controlled, 23km SW of Donetsk)	4-6km SSW	Saw and heard 12 airbursts	N/K	26 March, 10:43
		Saw and heard uncountable overlapping airbursts		26 March, 10:45
	5-7km SSW	Heard 6 undetermined explosions		26 March, 11:45-12:15
Avdiivka (government-	3-5km ESE	Heard 4 undetermined explosions		26 March, 11:20
	1-2km ESE	Heard 2 explosions (outgoing)		26 March, 11:40

controlled, 17km N of Donetsk)		Heard 2 explosions (impacts)	N/K	
	1-2km ESE	Saw and heard 2 explosions (impacts)		26 March, 11:45
	0,5-1km SE	Saw and heard 2 explosions (impacts)		26 March, 11:52
	3-5km ESE	Heard 1 undetermined explosion		26 March, 13:47
		Heard 1 undetermined explosion		26 March, 13:51
	3-5km SE	Heard 1 undetermined explosion		26 March, 14:05
	1-2km ESE	Heard and saw 1 explosion (impact)		26 March, 14:10
Prokhorivka (government-controlled, 53km S of Donetsk)	5km SSW	Heard 2 undetermined explosions	N/K	26 March, 11:35
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km SW	Heard 4 salvos	MLRS (type N/K)	26 March, 11:39
	3-5km W	Heard 2 undetermined explosions	N/K	26 march, 11:40
	3-5 SW	Heard 3 salvos (number of rockets could not be assessed)	MLRS (type N/K)	26 march, 11:43
	3-5km W	Heard 2 undetermined explosions	N/K	26 march, 11:44
	2-3km WSW	Heard 6 bursts	Small arms	26 March, 11:49
	3-5 SW	Heard 3 salvos (patrol could not estimate fired rockets)	MLRS (type N/K)	26 march, 11:50
		Heard subsequent uncountable overlapping explosions (impacts)		
	2-3km WSW	Heard uncountable overlapping bursts	Small arms	26 March, 11:48-11:51
		Heard uncountable overlapping bursts	HMG	
	7-10km WSW	Heard 1 undetermined explosions	N/K	26 March, 11:57
	3-4km W	Heard 4-6 undetermined explosions		26 March, 13:05
	3-4km W	Heard 2-4 undetermined explosions		26 march, 13:07
	5-7km W	Heard 1 undetermined explosion		26 March, 13:27
	2km W	Heard 1 burst	Small arms	26 March, 13:35
	5-8km SW	Heard 10 undetermined explosions	N/K	26 March, 13:43-13:46
	3-5km SW	Heard 3 undetermined explosions		26 March, 13:47
	8-10km SW	Heard 1 undetermined explosions		26 March, 13:50
	3-5km SW	Heard 2 undetermined explosions		26 March, 13:51
	5-8km NW	Heard 1 undetermined explosion		
	8-10km SW	Heard 1 undetermined explosions		
	2-3km NW	Heard 1 shot		Small arms
	2-3km NW	Heard uncountable overlapping shots		26 March, 13:56
	3-5km N	Heard 1 undetermined explosion	N/K	26 March, 13:59
	5-8km SW	Heard 3 undetermined explosions		26 March, 14:01
	3-5km NNW	Heard 3 shots	Small arms	26 March, 14:02
	5-8km SW	Heard 2 undetermined explosions	N/K	26 March, 14:04
	5-8km NW	Heard 2 undetermined explosions		
	3-5km SW	Heard 2 undetermined explosions		26 March, 14:05
	5-8km NW	Heard 1 undetermined explosion		26 March, 14:08
	5-8km NNW	Heard 2 undetermined explosions		
	4-6km W	Heard 1 undetermined explosions		26 March, 14:09
	2-3km NNW	Heard uncountable overlapping bursts	Small arms	
	4-6km W	Heard 2 undetermined explosions	N/K	
2-3km NNW	Heard 1 undetermined explosion	26 march, 14:10		
5-7km W	Heard 2 undetermined explosions	26 March, 14:11		
5-8km WNW	Heard 4 undetermined explosions	26 March, 14:12		

	5-8km W	Heard 6 undetermined explosions		26 March, 14:16-14:18
	5-8km W	Heard 11 undetermined explosions		26 March, 14:46-14:50
	2-3km NNW	Heard 4 shots	Small arms	26 March, 14:57
	3-4km N	Heard 1 salvo (number of rockets could not be assessed)	MLRS (type N/K)	26 March, 14:58
	2-3km N	Heard 1 undetermined explosion	N/K	26 March, 14:59
	3-4km N	Heard 2 salvos	MLRS (type N/K)	
	3-5km N	Heard 2 undetermined explosions	N/K	26 March, 15:04
	3-4km N	Heard 1 salvo	MLRS (type N/K)	
	3-5km NNW	Heard 1 undetermined explosion	N/K	
	3-4km N	Heard 1 salvo	MLRS (type N/K)	26 March, 15:08
	3-5km NNW	Heard 1 undetermined explosion	N/K	26 March, 15:09
	3-4km N	Heard 3 salvos	MLRS (type N/K)	
	2-3km NNW	Heard and saw 2 explosions (impacts)	N/K	26 March, 15:11
	2-3km W	Heard 10 shots	Small arms	
	2-3km N	Heard 3 salvos	MLRS (type N/K)	26 March, 15:15
	3-5km NNW	Heard 1 undetermined explosion	N/K	26 March, 15:18
	2-3km N	Heard 1 salvo	MLRS (type N/K)	
	3-5km NNW	Heard and saw 1 explosion (impact)	N/K	26 March, 15:18
	5-7km NW	Heard 1 undetermined explosion		26 March, 15:20
	3-5km NW	Heard 1 undetermined explosion		26 March, 15:21
	5-7km NW	Heard 1 undetermined explosion		26 March, 15:27
	8-10km SW	Heard 5 undetermined explosions		26 March, 15:31
	7-10km W	Heard 30 explosions (outgoing)	MLRS (type N/K)	26 March, 15:35
	3-5km W	Heard 2 undetermined explosions	N/K	26 March, 15:36
	3-5km W	Heard 3 undetermined explosions		26 March, 15:37
	3-5km W	Heard uncountable overlapping bursts	Small arms	26 March, 15:35-15:40
	5-7km W	Heard 10 undetermined explosions	N/K	26 March, 15:42-15:46
	3-4km N	Heard 10 shots	Small arms	26 March, 15:47
	7-9km WSW	Heard 4 undetermined explosions	N/K	26 March, 15:56
	5-8km WSW	Heard 2 undetermined explosions	N/K	26 March, 15:58
	5-8km SW	Heard uncountable overlapping bursts	HMG	26 March, 15:59
	1,6 NW	Heard and saw 2 explosions (impacts)	N/K	26 March, 16:01
2-3km NW	Heard and saw and 16 explosions (impacts)	26 March, 16:03-16:08		
2-3km W	heard and saw 6 explosions (impacts) Heard 20 undetermined explosions	26 March, 16:28		
Dokuchaievsk ("DPR"-controlled, 30km SW of Donetsk)	4-5km WNW	Heard 11 undetermined explosions	N/K	26 March, 11:55-12:00
	2-3km SW	Heard 2 undetermined explosion		HMG
		Heard 1 burst		
	2-3km NW	Heard 1 undetermined explosion	N/K	26 March, 12:07
	1-2km SW	Heard 1 undetermined explosion		26 March, 12:08
	2-3km WSW	Heard 4 undetermined explosions		
1-2km SW	Heard 2 undetermined explosions	26 March, 12:10		
E edge of Sopyne (government-controlled, 16km E of Mariupol)	N/K NE	Heard 2 shots	Small arms	26 March, 12:40 – 13:10
		Heard 2 bursts		
	Heard 1 explosion (outgoing)	Mortar (type N/K)		

	N/K NW	Heard 18 explosions (outgoing)	Artillery (type N/K)	
W edge of Vuhlehirsk ("DPR"-controlled, 49km NE of Donetsk)	8-14km N	Heard 21 undetermined explosions	N/K	26 March, 13:45
	6-10km N	Heard 9 shots	Small arms	26 March, 13:47
		Heard 24 shots		26 March, 13:50
		Heard 24 shots		26 March, 13:52
	8-12km N	Heard 4 undetermined explosions	N/K	26 March, 14:04
	10-15km NW	Heard 1 undetermined explosion		26 March, 14:12
	8-12km N	Heard 8 undetermined explosions		26 March, 14:22
	6-10km N	Heard 1 bursts	HMG	26 March, 14:30
	10-15km N	Heard 52 undetermined explosions	N/K	26 March, 14:30-15:00
	5-10km N	Heard 2 undetermined explosions		
	3-8km N	Heard 125 shots	Small arms	
	3-8km N	Heard 35 bursts	Small arms	
	10km N	Saw 1 airburst	N/K	26 March, 14:40
	10km N	Heard 17 shots	Small arms	26 March, 15:31
	6-10km N	Heard 28 bursts	HMG	26 March, 15:35
8-14km N	Heard 15 undetermined explosions	N/K	26 March, 15:40-15:50	
3 Km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	4-5km SW	Heard 19 explosions (outgoing)	Artillery (type N/K)	26 March, 13:55-14:15
	N/K ESE	Heard 19 subsequent explosions (impact)		
	3km W	Heard 3 explosions (outgoing)		
	N/K E	Heard 3 subsequent explosions (impact)		
	N/K E	Heard 9 explosions (impact)		
	N/K SE	Heard 10 explosions (outgoing)	Mortar (type N/K)	
1.5km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	5-6km NW	Heard 6 explosions (outgoing)	Artillery (type N/K)	26 March, 14:25-14:30
	7km ENE	Heard 6 subsequent explosions (impact)		
2km S of Novookhtyrka (government-controlled, 55km NW of Luhansk)	5-10km SW	Heard 10 undetermined explosions	Mortars/artillery (N/K)	23 March, 15:55-16:05
SMM camera at Zolote (government-controlled, 60km NW of Luhansk)	1km S	Recorded 1 projectile in flight (inside the disengagement area)	RPG	23 March, 18:53
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	1-3km E	Heard 4 explosions (outgoing)	Artillery (type N/K)	24 March, 21:10 – 21:16
	1km SW	Heard 1 explosion (outgoing)		24 March, 21:12
	15-20km W	Heard 1 explosion (impact)		24 March, 21:17
	10km W	Heard 32 undetermined explosions	Artillery/mortar (type N/K)	24 March, 21:58 – 22:03
		Heard 5 undetermined explosions		24 March, 22:43 – 22:44
	10km NW	Heard 1 undetermined explosion		
	5-10km W	Heard 17 explosions (impacts)	Artillery/mortar (type N/K)	24 March, 22:58 – 23:03
10km W	Heard 17 undetermined explosions	24 March, 23:27 – 23:33		

		Heard 23 undetermined explosions		24 March, 23:57 – 00:02	
	10km NW	Heard 15 undetermined explosions			
	10km W	Heard 1 undetermined explosion			25 March, 08:00
		Heard 9 undetermined explosions			25 March, 00:27 – 00:32
		Heard 8 undetermined explosions			25 March, 01:26 – 01:27
		Heard 11 undetermined explosions			25 March, 01:46 – 01:48
	5km W	Heard 17 undetermined explosions			25 March, 02:04 – 02:08
		Heard 16 undetermined explosions			25 March, 02:52 – 02:56
Luhansk city	20km NW	Heard 15 explosions (outgoing)	Artillery (type N/K)	24 March, 22:31 – 22:51	
	10km NW	Heard 15 subsequent explosions (impacts)			
Staryi Aidar (government-controlled, 20km NW of Luhansk)	10km SW	Heard 2 undetermined explosions	N/K	25 March, 13:10-13:25	
Novozvanivka (government-controlled, 70km W of Luhansk)	15km SW	Heard 2 undetermined explosions	N/K	25 March, 13:33-13:43	
	3-4km ENE	Heard 46 undetermined explosions	IFV (BMP-2) cannon or anti-aircraft gun (ZU-23)		
		Heard 6 undetermined explosions	AGS		
SMM camera in Zolote (government-controlled 60km NW of Luhansk,)	1.3km SE	Recorded 1 explosion (impact) (outside the disengagement area)	AGL	24 March, 18:54	
	1.3km ESE	Recorded 1 undetermined explosion (outside the disengagement area)	AGL	24 March, 19:26	
	4km SW	Recorded 1 undetermined explosion (outside the disengagement area)	N/K	25 March, 00:00	
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk, inside the disengagement area)	1km SW	Heard 1 detonation and saw smoke rising (inside the disengagement areas)	Land mine	26 March, 10:21	
1km SE of Raivka (“LPR”-controlled, 16km NW of Luhansk)	8km NE	Heard 1 undetermined explosion	N/K	26 March, 11:55	
	20km N	Heard 2 undetermined explosions			
Peredilske (government-controlled, 24km NW of Luhansk)	8-10km SE	Heard 1 undetermined explosion	N/K	26 March, 12:01	
Novooleksandrivka (65km W of Luhansk)	8km S	Heard 11 undetermined explosions	N/K	26 March, 12:10 - 12:20	
	1km SW	Heard 3 shots	Small arms		
	0.3km S	Heard 1 undetermined explosion	N/K	26 March, 12:20	
SE edge of Katerynivka (government-controlled, 60km W of Luhansk)	3km SE	Heard 7 shots (outside the disengagement area)	Small arms	26 March, 12:20 - 12:24	
Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	2km W	Heard 7 shots	Small arms	26 March, 12:58	
	0.2-0.3km W	Heard 10 shots		26 March, 13:10	
NE edge of disengagement area in Zolote (government-controlled, 60km NW of Luhansk)	10km ESE	Heard 2 undetermined explosions (outside the disengagement area)	N/K	26 March, 13:00-13:15	
	5-8km E	Heard 20 undetermined explosions (outside the disengagement area)	82mm mortar	26 March, 13:17-13:20	
	10km ESE	Heard 7 undetermined explosions (outside the disengagement area)	N/K	26 March, 13:19-13:50	

