

Table of ceasefire violations as of 3 February 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	7-10km WNW	Heard 7 undetermined explosions	N/K	2 February, 20:10-20:37
	7-10km WNW	Heard 48 undetermined explosions		2 February, 21:08-21:22
	3-5km WNW	Heard 18 undetermined explosions		2 February, 21:36-21:40
	7-10km WNW	Heard 24 undetermined explosions		2 February, 21:59-22:10
	3-5km WNW	Heard 18 undetermined explosions		2 February, 22:11-22:15
	7-10km WNW	Heard 4 undetermined explosions		2 February, 22:18 – 22:43
	7-10 km WNW	Heard 61 undetermined explosions		2 February, 23:00-23:35
	6-8km ENE	Heard 29 undetermined explosions		3 February, 12:55
N edge of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	2-3km W	Heard 27 undetermined explosions	N/K	3 February, 13:22-13:32
	4-12 W	Heard 21 undetermined explosions		3 February, 13:32-13:45
	4-6km NW	Heard 17 undetermined explosions		3 February, 13:50-13:57
	3-5km NW	Heard 7 bursts	Small arms	
	4-6km WNW	Heard 17 undetermined explosions	N/K	3 February, 14:00
	4-6km NW	Heard 3 undetermined explosions		3 February, 14:04
	4-6km WNW	Heard 14 undetermined explosions		
		Heard 7 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	
	3-5km N	Heard 4 undetermined explosions	N/K	3 February, 14:06
	3-12km WSW	Heard 28 undetermined explosions		3 February, 14:07-14:20
	3-5km NW	Heard 4 undetermined explosions		3 February, 14:20-14:22
		Heard 3 bursts	Small arms	
	4-5km NW	Heard 7 undetermined explosions	N/K	3 February, 14:23-14:30
	2-3km W	Heard 3 bursts	Small arms	
	4-6km NW	Heard 8 undetermined explosions	N/K	3 February, 14:31-14:34

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 9 undetermined explosions		3 February, 14:35-14:40
	3-5km WSW	Heard 1 undetermined explosion		3 February, 14:40
	4-6km N	Heard 5 undetermined explosions		
	4-6km NW	Heard 1 undetermined explosion		3 February, 14:44
	3-5km N	Heard 8 undetermined explosions		
		Heard 4 bursts	Small arms	
	4-6km WSW	Heard 3 undetermined explosions	N/K	3 February, 14:45
	3-5km N	Heard 6 undetermined explosion		
	3-5km NW	Heard 1 undetermined explosion		
	3-5km N	Heard 1 undetermined explosion	Small arms	3 February, 14:48
		Heard 18 bursts		
	3-5km NW	Heard 20 bursts		
	3-5km W	Heard 1 undetermined explosion	N/K	
	3-5km NW	Heard 5 bursts	Small arms	3 February, 14:52
		Heard 1 undetermined explosion		
	3-5km N	Heard 2 undetermined explosions	N/K	
	4-6km W	Heard 2 undetermined explosions		
	4-6km N	Heard 1 undetermined explosion		
	3-5km N	Heard 4 bursts	Small arms	
	3-5km W	Heard 2 undetermined explosions	N/K	3 February, 14:54
	3-5km N	Heard 4 undetermined explosion		
	3-5km NW	Heard 6 undetermined explosion		
	3-5km N	Heard 15 shots	Small arms	
		Heard 1 undetermined explosion	N/K	3 February, 14:58
		Heard 20 shots		
	3-5km W	Heard 5 bursts		
	4-6km WSW	Heard 14 undetermined explosions		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km NE	Heard 22 undetermined explosions	N/K	2 February, 18:45-18:55
	2-3km SE	Heard 5 bursts (outgoing)	HMG	
	5-7km NE	Heard 26 undetermined explosions	N/K	2 February, 19:20-19:30
	3-5km E	Heard 3 explosions (outgoing)	Artillery (N/K type)	
	5-7km NE	Heard 5 undetermined explosions	N/K	2 February, 19:50-20:10
	2-3km SE	Heard 11 explosions (outgoing)	Artillery (N/K type)	
		Heard 11 explosions (impacts)		
	5-7km NE	Heard 8 undetermined explosions	N/K	2 February, 20:40
	2-3km NNE	Heard and saw 53 explosions (outgoing)	Artillery (N/K type)	2 February, 21:00-21:20
		Heard 20 explosions (impacts)		2 February, 21:35-21:47
		Heard and saw 58 explosions (outgoing)		
	2-3km SE	Heard 13 explosions (impacts)	Mortar (N/K type)	
	2-3km NNE	Heard and saw 29 explosions (outgoing)	Artillery	2 February, 21:55-22:02
	2-3km SE	Heard 27 explosions (impacts)	Mortar (N/K type)	2 February, 22:14-22:30
Heard 14 bursts		HMG		
2-3km NNE	Heard 48 explosions (outgoing)	Artillery (N/K type)	2 February, 22:35-22:46	
2-3km SE	Heard 17 bursts	HMG		

		Heard 13 explosions (impacts)	Mortar (N/K type)	2 February, 23:04-23:08
		Heard 13 explosions (impacts)	Mortar (N/K type)	2 February, 23:20-23:35
	2-3km NNE	Heard 22 explosions(outgoing)	Artillery (N/K type)	
	2-4km NNE	Heard 10 undetermined explosions	N/K	3 February, 09:35-09:45
	2-5km S	Heard 75 explosions (outgoing)	N/K	3 February, 12:00-12:15
	4-5km NNE	Heard 12 explosions (outgoing)	Artillery (122mm)	3 February, 13:20-13:30
		Heard 12 explosions (outgoing)		3 February, 14:10-14:15
		Heard 16 explosions (outgoing)		3 February, 14:30-15:00
	2-3km SSE	Heard 7 explosions (outgoing)	Artillery (Type N/K)	3 February, 14:55-15:00
	"DPR"-controlled, Donetsk city centre	10-15km NNE	Heard 182 undetermined explosions	N/K
5-7 km WNW		Heard 16 undetermined explosions	2 February, 20:00 – 20:03	
10-15km NNE		Heard 14 undetermined explosions	2 February, 20:08 – 20:19	
5-7 km WNW		Heard 13 undetermined explosions	2 February, 20:20 – 20:24	
10-15km N		Heard 26 undetermined explosions	2 February, 20:26	
		Heard 26 undetermined explosions	2 February, 20:32	
5-7 km WNW		Heard 20 undetermined explosions	2 February, 20:37-20:43	
6-10 km WNW		Heard 44 undetermined explosions	2 February, 20:44	
10-15km N		Heard 9 undetermined explosions	2 February, 20:48	
5-7 km WNW		Heard 3 undetermined explosions	2 February, 20:50	
10-15km NNW		Heard 1 undetermined explosion	2 February, 20:53	
		Heard 2 undetermined explosions	2 February, 20:56	
		Heard 8 undetermined explosions	2 February, 21:00	
3-4 km NNE		Heard 1 undetermined very strong explosion	2 February, 21:04	
10-15km N		Heard 38 undetermined explosions	2 February, 21:06 – 21:17	
		Heard 14 undetermined explosions	2 February, 21:22 - 21:29	
		Heard 2 undetermined explosions	2 February, 21:30	
5-7 km WNW		Heard 17 undetermined explosions	2 February, 21:49 - 21:55	
10-15km NNW		Heard 1 undetermined explosion	2 February, 22:28	
		Heard 1 undetermined explosion	2 February, 22:52	
		Heard 1 undetermined explosion	2 February, 22:54	
5-7 km WNW		Heard 20 undetermined explosions	2 February, 22:58	
10-15km N		Heard 84 undetermined explosions	2 February, 23:13-23:46	
		Heard 233 undetermined explosions	3 February, 00:07-05:20	
10-15km NNE		Heard 3 undetermined explosions	3 February, 05:27-05:33	
		Heard 4 undetermined explosions	3 February, 05:53-05:54	
		Heard 9 undetermined explosions	3 February, 06:00-	

				06:05
SMM camera at Oktiabr mine (9km NW of Donetsk)	6-10 km NE	Recorded 1 undetermined explosion	N/K	2 February, 18:29
		Recorded 5 undetermined explosions		2 February, 18:30
		Recorded 2 undetermined explosions		2 February, 18:31
		Recorded 3 undetermined explosions		2 February, 18:32
		Recorded 2 undetermined explosions		2 February, 18:33
		Recorded 1 undetermined explosion		2 February, 18:35
		Recorded 1 undetermined explosion		2 February, 18:44
		Recorded 1 undetermined explosion		2 February, 18:46
		Recorded 1 undetermined explosion		2 February, 18:48
		Recorded 1 undetermined explosion		2 February, 18:49
		Recorded 1 undetermined explosion		2 February, 18:57
		Recorded 2 undetermined explosions		2 February, 19:04
		Recorded 2 undetermined explosions		2 February, 19:12
		Recorded 1 undetermined explosion		2 February, 19:25
		Recorded 2 undetermined explosion		2 February, 19:43
		Recorded 1 illumination flare		2 February, 19:49
		Recorded 2 undetermined explosions		2 February, 19:52
		Recorded 1 undetermined explosion		2 February, 19:59
		Recorded 1 undetermined explosion		2 February, 20:01
		Recorded 4 undetermined explosions		2 February, 20:03
		Recorded 1 undetermined explosion		2 February, 20:09
		Recorded 1 undetermined explosion		2 February, 20:15
		Recorded 3 illumination flares		2 February, 20:22
		Recorded 1 undetermined explosion		2 February, 20:29
		Recorded 1 undetermined explosion		2 February, 20:33
		Recorded 1 undetermined explosion		2 February, 20:38
		Recorded 4 illumination flares		2 February, 20:38
		Recorded 3 illumination flares		2 February, 20:39
		Recorded 1 undetermined explosion		2 February, 20:39
		Recorded 3 undetermined explosions		2 February, 20:40

		Recorded 1 undetermined explosion	N/K	2 February, 20:48
		Recorded 1 undetermined explosion		2 February, 20:49
		Recorded 20 illumination flares		2 February, 20:50 - 20:53
		Recorded 4 undetermined explosions		2 February, 20:53
		Recorded 4 undetermined explosions		2 February, 20:55
	6-10km NE	Recorded 1 undetermined explosion		2 February, 21:01
		Recorded 3 undetermined projectiles in flight from SE to NW		2 February, 21:08
		Recorded 1 undetermined explosion		2 February, 21:08
		Recorded 1 undetermined explosion		2 February, 21:15
		Recorded 1 illumination flare		2 February, 21:18
		Recorded 1 illumination flare		2 February, 21:19
		Recorded 1 undetermined explosion		2 February, 21:20
		Recorded 1 illumination flare		2 February, 21:26
		Recorded 1 illumination flare		2 February, 21:31
		Recorded 1 illumination flare		2 February, 21:36
		Recorded 3 undetermined explosion		2 February, 22:00
		Recorded 1 undetermined explosion		2 February, 22:03
		Recorded 1 undetermined explosion		2 February, 22:05
		Recorded 1 illumination flare		2 February, 22:10
		Recorded 1 illumination flare		2 February, 22:11
		Recorded 1 undetermined explosion		2 February, 22:18
		Recorded 1 undetermined explosion		2 February, 22:24
		Recorded 4 undetermined explosions		2 February, 22:43
		Recorded 1 undetermined explosion		2 February, 22:44
		Recorded 2 undetermined explosions		2 February, 22:45
		Recorded 1 undetermined explosion		2 February, 22:52
		Recorded 2 undetermined explosions		2 February, 22:53
Recorded 8 undetermined consecutive explosions	2 February, 22:59			
Recorded 1 undetermined explosion	2 February, 23:15			

		Recorded 2 undetermined explosions		2 February, 23:20
		Recorded 2 undetermined explosions		2 February, 23:21
		Recorded 2 undetermined explosions		2 February, 23:22
		Recorded 1 undetermined explosion		2 February, 23:23
	6-10km NE	Recorded 3 undetermined explosions	N/K	2 February, 23:28
		Recorded 1 undetermined explosion		2 February, 23:36
		Recorded 1 undetermined explosion		2 February, 23:53
		Recorded 1 undetermined explosion		2 February, 23:54
		Recorded 1 illumination flare		3 February, 00:17
		Recorded 19 undetermined explosions		3 February, 00:18 - 00:24
		Recorded 1 undetermined explosion		3 February, 00:29
		Recorded 1 undetermined explosion		3 February, 00:35
		Recorded 1 undetermined explosion		3 February, 00:44
		Recorded 1 undetermined explosion		3 February, 00:46
		Recorded 22 undetermined explosions		3 February, 01:00 - 01:14
		Recorded 2 undetermined explosions		3 February, 01:19
		Recorded 3 undetermined explosions		3 February, 01:25
		Recorded 1 undetermined explosion		3 February, 01:45
		Recorded 1 undetermined explosion		3 February, 04:09
		Recorded 6 undetermined explosions		3 February, 06:07-06:13
		3-4 km WNW		Recorded 6 undetermined explosions
	6-7 km NE	Recorded 2 undetermined explosions		3 February, 13:11
		Recorded 2 undetermined explosions		3 February, 13:32
	7-10 km NE	Recorded 1 airburst		3 February, 13:37
		Recorded 1 airburst		3 February, 13:38
	6-7 km NE	Recorded 1 undetermined explosion		3 February, 13:42
	8-10 km NE	Recorded 3 undetermined projectiles in flight from SE to NW		3 February, 16:56-16:57
		Recorded 1 undetermined projectile in		

		flight from NW to SE		3 February, 17:05
		Recorded 2 undetermined projectiles in flight from SE to NW		
	6-8 km NE	Recorded 2 undetermined explosion		3 February, 17:07
	8-10 km NE	Recorded 2 undetermined projectiles in flight from NW to SE		3 February, 17:11
		Recorded 5 undetermined explosions		3 February, 17:13
		Recorded 5 undetermined explosions		3 February, 17:14
		Recorded 14 undetermined explosions		3 February, 17:15 – 17:20
		Recorded 1 undetermined projectile in flight from SE to NW		3 February, 17:21 – 17:25
		Recorded 2 undetermined projectiles in flight from SE to NW		
		Recorded 1 airburst		3 February, 17:33
		Recorded 2 undetermined explosions		
		Recorded 1 undetermined projectile in flight from SE to NW		3 February, 17:34
		Recorded 2 undetermined projectiles in flight from SE to NW		3 February, 17:39
		Recorded 1 illumination flare		3 February, 17:47
		Recorded 1 undetermined explosion		3 February, 17:49
		Recorded 2 undetermined explosions		
		Recorded 1 undetermined explosion		3 February, 17:59
		Recorded 1 undetermined explosion		3 February, 18:10
		Recorded 4 undetermined explosions		3 February, 18:18
	Recorded 1 undetermined projectile in flight from SE to NW	3 February, 18:19		
Recorded 9 undetermined explosions	3 February, 18:20			
Recorded 1 undetermined projectile in flight from SE to NW				
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-4km SW	Heard 28 undetermined explosions	N/K	3 February, 06:30
		Heard 32 bursts	HMG	
		Heard 10 undetermined explosions	N/K	3 February, 06:45-06:49
		Heard 3 undetermined explosions		3 February, 06:52
		Heard 36 bursts	HMG	3 February, 06:54
		Heard 4 undetermined explosions	N/K	3 February, 07:02
		Heard 25 bursts	HMG	

E edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km W	Heard 3 undetermined explosions	N/K	3 February, 10:17
	3-4km W	Heard 50 shots	Small arms	3 February, 10:23-10:27
	5-7km W	Heard 25 bursts	HMG	3 February, 10:43-10:45
		Heard 26 undetermined explosions	N/K	
	4-6km WNW	Heard 1 undetermined explosion		3 February, 10:54
	4-5km W	Heard 1 undetermined explosion		3 February, 11:01
	3-5km W	Heard 9 undetermined explosions	HMG	3 February, 11:02-12:29
	3-5km WNW	Heard 7 bursts		
	3-5km W	Heard 2 bursts		
		Heard 4 shots		
	5-7 N	Heard 1 undetermined explosion		
	4-6km W	Heard 4 undetermined explosions	3 February, 12:15	
	3-5km W	Heard 5 bursts	HMG	
	7-10km W	Heard 38 undetermined explosions	N/K	3 February, 12:22-12:29
	5-7km W	Heard 12 undetermined explosions		3 February, 12:30-12:38
	3-5km W	Heard 2 undetermined explosions		3 February, 12:46
	4-6km W	Heard 8 undetermined explosions		HMG
		Heard 9 explosions (impact)		
		Heard 15 shots		
		Heard 145 shots	Small arms	
		Heard 5 undetermined explosions	N/K	3 February, 14:07-14:28
		Heard 4 explosions (impact)		
	3-4km N	Heard 265 shots	Small arms	
	8-12km NW	Heard 3 undetermined explosion	N/K	3 February, 14:33
	8-12km N	Heard 1 undetermined explosion		
	6-8km W	Heard 1 undetermined explosions		3 February, 14:43
4-6km W	Heard 47 bursts	HMG		
8-10km N	Heard 3 undetermined explosions	N/K	3 February, 14:50	

	4-7km W	Heard 1 undetermined explosion		3 February, 14:55	
	6-8km NNE	Heard 5 undetermined explosions			
	3-5km W	Heard 4 bursts	HMG		3 February, 14:58
		Heard 8 undetermined explosions	N/K		3 February, 14:59-15:02
		Heard at least 50 shots	Small arms		3 February, 15:03-15:05
		Heard 5 bursts	HMG		
		Heard 2 undetermined explosions	N/K		
		6-8km N	Heard 8 undetermined explosions		
	3-5km W	Heard 10 bursts	HMG		
		Heard 1 undetermined explosion			3 February, 15:09
		Heard 3 bursts	HMG		3 February, 15:10
		Heard 7 undetermined explosions	N/K		3 February, 15:11-15:13
	5-7km N	Heard 1 undetermined explosions			
	Donetsk water filtration station ("DPR"-controlled, 15km N of Donetsk)	1-2km SW	Heard 10 bursts	HMG	3 February, 07:30-07:38
			Heard 250 undetermined explosions	N/K	
Heard 65 undetermined explosions			N/K	3 February, 07:52-08:33	
Heard 67 bursts			HMG		
Heard 43 bursts			Small arms		
0.5-1km SW		Heard 18 undetermined explosions	N/K	3 February, 08:40-09:17	
		Heard 20 bursts	HMG		
		Heard 30 bursts	Small arms		
1-2km SW		Heard 15 bursts	HMG	3 February, 10:23-10:40	
		Heard 60 shots	Small arms		
		Heard 2 undetermined explosions		3 February, 11:02-11:10	
3-5km SW		Heard 106 undetermined explosions	N/K	3 February, 12:15-12:42	
Avdiivka (government-controlled, 17km NW of Donetsk)		2-4km SE	Heard 25 undetermined explosions		3 February, 13:30-13:45
	Heard 5 airbursts				
	3-5km SE	Heard 12 explosions (outgoing)	Artillery (122mm)	03 February, 13:00-13:10	
	2-3km S	Heard 31 explosions (outgoing)	Artillery (122mm)	03 February, 13:30-13:40	
		Heard 1 undetermined explosion	N/K	03 February, 14:15	
Makiivka ("DPR"-	5-7km W	Heard 10 undetermined explosions	N/K	3 February, 13:10-	

controlled, 12km north-east of Donetsk)				13:20
Kyivksyi district (“DPR”-controlled, Donetsk city centre)	5-7km NW	Heard 1 undetermined explosion		3 February, 11:58
SMM camera Shyrokyne (20km E of Mariupol)	4-5km ENE	Recorded 1 explosion (impact)	Artillery (type N/K)	3 February 17:15
	1-2km NE	Recorded 25 tracer of direct fire in flight SW to NE	Anti-aircraft cannon (ZU-23, 23mm)	3 February 17:15 – 17:16
	4-6km NE	Recorded 11 explosions (impact)	Artillery (type N/K)	3 February 17:15 – 17:48
	1-2km NE	Recorded 2 rocket-assisted projectiles in flight from WSW to ENE	N/K	3 February 17:24 – 17:25
		Recorded 6 rocket-assisted projectiles in flight from WSW to ENE		3 February 17:50
		Recorded 66 tracers in flight from SW to NE	Anti-aircraft cannon (ZU-23, 23mm)	3 February 18:21 – 18:23
4-5km ENE	Recorded 1 explosion (impact)	Artillery (type N/K)	3 February 17:15	
2.5km NW of Lebedynske, T0519 junction (government controlled, 16km NE of Mariupol)	4-5km E	Heard 1 undetermined explosion		3 February, 09:22
Kalynivka (government-controlled, 11km NE of Mariupol)	N/K NE	Heard 9 undetermined explosions	N/K	3 February, 09:41-09:47
		Heard 1 undetermined explosion		3 February, 10:12
		Heard 1 undetermined explosion		3 February, 10:30
	N/K NNE	Heard 1 undetermined explosion		3 February, 10:45
	N/K N	Heard 1 undetermined explosion		3 February, 11:14
		Heard 10 undetermined explosions		3 February, 13:45-14:00
Sopyne (government-controlled, 16km east of Mariupol)	4-5km NNE	Heard 6 undetermined explosions		3 February, 09:45-10:00
	7km NNW	Heard 3 undetermined explosions		3 February, 10:00-10:15
	5km NNW	Heard 5 undetermined explosions		3 February, 10:30-10:35
	7km NNW	Heard 1 undetermined explosion		3 February, 10:15-10:55
	7km NNE	Heard 1 undetermined explosion		3 February, 11:21
	5km NNW	Heard 1 undetermined explosion		3 February, 12:35-12:45
	3km E	Heard 1 undetermined explosion		3 February, 12:47-13:00
	4km NNE	Heard 2 bursts	HMG	3 February, 09:52-09:53
	7-8km NNE	Heard 8 undetermined explosions		3 February, 10:02-10:07
	5-7km NNE	Heard 6 undetermined explosions		3 February, 10:40-10:42
Chernenko (government-controlled, 21km NE of Mariupol)	N/K SE	Heard 6 undetermined explosions	N/K	2 February, 19:01-19:04
	2km W	Heard 4 explosions (outgoing)		2 February, 19:07
	1-2km SW	Heard 1 undetermined explosion		
Horlivka (“DPR”-	4-5km SW	Heard 6 burst	Small arms	2 February, 19:01-19:04
		Heard 2 explosions (outgoing)	Artillery, (type N/K)	2 February, 19:07

controlled, 39km NE of Donetsk)		Heard 4 explosions (outgoing)	Mortar (82mm)	2 February, 19:09
		Heard uncountable and overlapping bursts and shots	Small arms	2 February, 19:09-19:12
	10-11km WSW	Heard 1 explosion (impact)	Artillery (152mm)	2 February, 19:20
	4-5km SW	Heard uncountable and overlapping fire	Small arms	2 February, 19:20-19:24
	3-4km SW	Heard 2 explosions (outgoing)	Artillery (type N/K)	2 February, 19:22
	15-16km S	Heard 3 explosions (impacts)	Artillery (type N/K)	2 February, 19:30
	3-4km SW	Heard 39 bursts	HMG	2 February, 19:35-19:40
		Heard 7 bursts	Small arms	
	11km WSW	Heard 10 explosions (impacts)	Artillery (152mm)	2 February, 19:41-19:45
	12km WSW	Heard 1 undetermined explosion	N/K	2 February, 19:46
	7km WSW	Heard 12 undetermined explosions		2 February, 19:52-20:02
	3-4km SW	Heard 4 explosions (outgoing)	Artillery (type N/K)	2 February, 20:07
	6-7km WSW	Heard 5 explosions (impacts)	Artillery (type N/K)	2 February, 20:10-20:14
		Heard uncountable and overlapping fire	Small arms	
	3-4km SW	Heard 8 explosions (outgoing)	Artillery (type N/K)	2 February, 20:14-20:18
	5-6km SW	Heard 3 explosions (impacts)	Artillery (type N/K)	2 February, 20:28
	15-16km S	Heard 6 undetermined explosions	N/K	2 February, 20:40-20:42
4-6km SW	Heard 4 bursts	HMG	2 February, 20:46	
15-16km S	Heard 16 undetermined explosions	N/K	2 February, 20:47-20:49	
Betmanove (formerly Krasnyi Partyzan ("DPR"-controlled, 22km north-east of Donetsk)	4-5km S	Heard 1 burst (6-7 shots)	AGL	3 February, 08:05
	4-5km SSW	Heard 2 undetermined explosions	N/K	3 February, 08:10
		Heard 1 undetermined explosion		3 February, 08:28
Kamianka (government-controlled, 20km north of Donetsk)	3-6km SE	Heard 20 undetermined explosions	N/K	3 February, 09:00-12:40
	3-4km E	Heard 40 shots	IFV (BMP-2) cannon (30mm)	3 February, 10:20-10:25
		Heard 20 bursts	HMG	3 February, 10:30-10:40
		Heard 20 shots	IFV (BMP-2) cannon (30mm)	
		Heard 4 shots	AGL	3 February, 10:40-11:05
		Heard 4 undetermined explosions	N/K	
		Heard 2 explosions (impacts)	Mortar, (120mm)	
	4-6km S	Heard 35 undetermined explosions	N/K	3 February, 10:40-11:05
	4-6km SSW	Heard 20 explosions (impacts)	Mortar (120mm)	3 February, 13:00-13:05
		Heard 1 explosion (impact)	Artillery (type N/K)	
	4-6km S	Heard 13 undetermined explosions	N/K	3 February, 13:10-13:30
	4-6km SSW	Heard 7 undetermined explosions		
	3km SSE	Heard 4 bursts (5 shots in each)	Small arms	3 February, 13:30-13:45
	6-7km S	Heard 65 undetermined explosions	N/K	
	4-6km SSE	Heard 5 undetermined explosions		
4-6km S	Heard 14 undetermined explosions	AGL	3 February, 13:45-14:20	
	Heard 1 burst			
Kruta Balka	4km W	Heard 1 explosion (outgoing)	IFV (BMP-1) cannon	3 February, 09:07

("DPR"- controlled, 16km north of Donetsk)			(73mm)	
	4km SSW	Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	
	1-2km SSE	Heard 1 explosion (outgoing)	Tank (N/A type)	3 February, 09:09
	2km E	Heard 3 shots	Small arms	3 February, 09:32
	3km NNE	Heard 8 shots		3 February, 09:37
		Heard 3 bursts		3 February, 09:55
	3-4km S	Heard 3 bursts		
		Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, cannon 73mm)	3 February, 10:17
		Heard 3 explosions (outgoing)	Mortar (82mm)	
		Heard 2 bursts	IFV (BMP-2) cannon (30mm)	3 February, 10:22
		Heard 7 shots		
	3-4km SE	Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	3 February, 10:59
	3-4km S	Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	3 February, 11:07
		Heard 1 explosion	RPG	3 February, 11:10
	2-3km W	Heard 5 bursts	Small arms	3 February, 11:15
	3-4km S	Heard 2 shots	IFV (BMP-2) cannon (30mm)	3 February, 11:21
		Heard 1 burst	AGL	3 February, 11:22
		Heard 1 explosion	RPG	3 February, 11:23
	4-5km SE	Heard 2 explosions	RPG	3 February, 11:24
	4-5km S	Heard 23 explosions (impacts)	Mortar (82mm)	3 February, 11:28- 11:33
	3-4km S	Heard 4 explosions (outgoing)	Recoilless gun (SPG-9, cannon 73mm)	3 February, 11:34
	4-5km SSE	Heard 2 explosions (impacts)	N/K	3 February, 11:35
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, cannon 73mm)	3 February, 11:45
	3-4km SSE	Heard 1 burst	HMG	
	3-4km E	Heard 12 bursts	Small arms	3 February, 11:52
		Heard 20 shots		
	4-5km S	Heard 3 bursts	HMG	3 February, 11:53
		Heard 23 explosions (impacts)	Mortar (82mm)	3 February, 11:58
	4-5km S	Heard 2 shots	Small arms	3 February, 12:03
		Heard 3 explosions (impacts)	N/K	
	4-5km SW	Heard 3 explosions (outgoing)	Recoilless gun (SPG-9, cannon 73mm)	3 February, 12:10
		Heard 3 explosions (outgoing)	Tank N/K	
		Heard 4 undetermined explosions	Artillery (122mm)	
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	3 February, 12:14
		Heard 1 undetermined explosion	Mortar (82mm)	
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	3 February, 12:15
		Heard 1 explosion (outgoing)	IFV (BMP-1) cannon (73mm)	3 February, 12:19
		Heard 4 undetermined explosions	Artillery (122mm)	3 February, 12:24
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	3 February, 12:25
Heard 7 undetermined explosion		Mortar (82mm)	3 February, 12:30- 12:36	
3-4km SW	Heard 8 undetermined explosions	N/K	3 February, 12:40	
	Heard 4 explosions (outgoing)	IFV (BMP-1), cannon (73mm)	3 February, 12:42	
	Heard 5 explosions (outgoing)	Tank N/K	3 February, 12:44	
	Heard 2 bursts	HMG		
	Heard 5 explosions (outgoing)	Recoilless gun (SPG-9,	3 February, 12:45	

			cannon 73mm)	
	3-4km SSW	Heard 1 undetermined explosion	N/K	3 February, 12:50
		Heard 1 explosions (outgoing)	Tank N/K	3 February, 13:27
		Heard 10 bursts	Small arms	
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	3 February, 13:32
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9 73mm)	
	4-5km SW	Heard 1 shot	Small arms	3 February, 14:43
	4-5km E	Heard 2 shots		3 February, 14:45
	4-5km SSE	Heard 21 bursts		3 February, 14:53
		Heard 2shots	HMG	
	4-5km SSE	Heard 37 bursts	Small arms	3 February, 14:54
		Heard 1 explosion (impact)	Mortar (82mm)	3 February, 14:55
		Heard 4 outgoing explosions	IFV (BMP-1) cannon (73mm)	3 February, 14:58
		Heard 1 explosion (impact)	Mortar (82mm)	
		Heard 2 bursts	HMG	
		Heard 3 outgoing explosions	IFV (BMP-1) cannon (73mm)	3 February, 14:59
	4-5km S	Heard continuous exchange of fire	Small arms	3 February, 15:00-15:03
		Heard 2 explosion (outgoing)	Recoilless gun (SPG-9 73mm)	3 February, 15:04
		Heard continuous exchange of fire	Small arms	3 February, 15:05-15:08
		Heard 2 undetermined explosions	N/K	3 February, 15:08
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9 73mm)	3 February, 15:09
		Heard 6 shots	IFV (BMP-2) cannon (30mm)	
		Heard 2 explosions (impacts)	N/K	3 February, 15:11
		Heard continuous exchange of fire	Small arms	3 February, 15:11-15:14
		Heard 2 undetermined explosions	N/K	3 February, 15:14
	5-6km S	Heard continuous exchange of fire	Small arms	3 February, 15:16-15:20
	4-5km S	Heard 6 explosions (impacts)	N/K	3 February, 15:20
		Heard 10 bursts	HMG	3 February, 15:25-15:28
		Heard 2 shots		3 February, 15:28
Vidrozhennia (government-controlled, 66km north-east of Donetsk)	2-5km S	Heard 75 explosions (outgoing)	N/K	3 February, 12:00-12:15
	4-5km NNE	Heard 12 explosions (outgoing)	Artillery (122mm)	3 February, 13:20-13:30
		Heard 12 explosions (outgoing)		3 February, 14:10-14:15
		Heard 16 explosions (outgoing)		3 February, 14:30-15:00
2-3km SSE	Heard 7 explosions (outgoing)	Artillery (Type N/K)	3 February, 14:55-15:00	
SMM camera in Petrivske ("DPR"-controlled, 41km S of Donetsk)	2-4 km WSW	Recorded 3 undetermined explosions	N/K	1 February, 22:34
		Recorded 1 undetermined explosion		1 February, 22:35
		Recorded 3 undetermined explosions		1 February, 22:38

SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	0.15km S	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	2 February, 00:52
NW of Kalynove ("LPR"-controlled, 60km W of Luhansk)	0.3m SW	Heard 1 shot	Small arms	3 February, 09:06
Kalynove ("LPR"-controlled, 60km W of Luhansk)	1-2km SE	Heard 20 shots	Small arms	3 February, 09:14
"LPR"-controlled Krasnyi Lyman (30km NW of Luhansk)	1km N	Heard 3 shots	Small arms	3 February, 09:30
		Heard 1 shot		3 February, 09:33
Molodizhne ("LPR"-controlled, 63km NW of Luhansk)	5km S	Heard 1 undetermined explosion	N/K	3 February, 10:20
Zolote-4 (government-controlled, 60km NW of Luhansk)	7-10km S	Heard 3 undetermined explosions (assessed as outside the disengagement area)	N/K	3 February, 11:15
2km SW of Katerynivka (government-controlled, 64km W of Luhansk)	2-3km SE	Heard 3 undetermined explosions (assessed as outside the disengagement area)	AGL (AGS-17)	3 February, 11:43
Popasna (government-controlled, 69km W of Luhansk)	1km S	Heard 6 rounds	HMG	3 February, 11:45
	15km SW	Heard 1 undetermined explosion	N/K	3 February, 11:47
Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	4km SW	Heard 7 undetermined explosions	N/K	3 February, 11:59-12:20
		Heard 4 undetermined explosions	IFV (BMP-2) cannon	
		Heard 30 rounds	HMG	

Luhansk)		Heard 20 shots	Small arms	
	20km WSW	Heard 64 undetermined explosions	MLRS (BM-21 Grad)	3 February, 12:20
Kalynove-Popasna (75km west of Luhansk)	10-15km S and SW	Heard 55 undetermined explosions (assessed as outside the disengagement area)	Artillery (type N/K)	3 February, 12:04-12:13
Zolote-4 (government-controlled, 60km NW of Luhansk)	1km SSE	Heard 11 shots (assessed as outside the disengagement area)	Small arms	3 February, 12:30-12:36
Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)	3km W	Heard 30 bursts	HMG	3 February, 12:35-12:50
		Heard 10 shots	Small arms	
	30km WSW	Heard undetermined explosions (number N/K due to distance)	Artillery (type N/K)	3 February, 12:35-13:05
Krasnyi Lyman ("LPR"-controlled, 30km NW of Luhansk)	5-10km WNW	Heard 1 undetermined explosion	N/K	3 February, 12:53
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10km SSW	Heard 400 explosions (both impacts and outgoing)	Artillery (type N/K)	3 February, 13:30-18:30
	10km SSW	Heard 8 explosions (outgoing)	Artillery (type N/K)	3 February, 15:44-15:49
10km SW of Popasna (government-controlled, 69km W of Luhansk)	10-15km SSW	Heard 21 explosions (impacts)	Artillery (type N/K)	3 February, 14:30-14:45

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.)

