

Table of ceasefire violations as of 5 February 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	2-4km WSW	Recorded 2 undetermined explosions (inside the disengagement area)	N/K	2 February, 18:56
	2-4km SW	Recorded 11 undetermined explosions (inside the disengagement area)		2 February, 22:14
	2-4km WNW	Recorded 1 illumination flare (inside the disengagement area)		2 February, 23:39
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	15-20km SW	Heard 2 undetermined explosions	N/K	3 February, 18:28
		Heard 6 undetermined explosions		3 February, 18:32-18:35
		Heard 2 undetermined explosions		3 February, 18:40
	4-6km SW	Heard 3 undetermined explosions	Small arms	3 February, 18:51-18:56
		Heard 7 bursts		
	15-20km SW	Heard 1 undetermined explosion	N/K	3 February, 19:03
		Heard 2 undetermined explosions		3 February, 19:22
		Heard 2 undetermined explosions		3 February, 19:25
		Heard 5 undetermined explosions		3 February, 19:47
		Heard 5 undetermined explosions		3 February, 19:52
	4-6km SW	Heard 14 bursts	HMG	3 February, 19:54
		Heard 10 bursts	Small arms	3 February, 20:51
Donetsk city centre (“DPR”-controlled)	6-10km NW	Heard 1 undetermined explosion	N/K	3 February, 18:43
		Heard 3 undetermined explosions		3 February, 19:03
		Heard 1 undetermined explosion		3 February, 19:08
		Heard 3 undetermined explosions		3 February, 19:22-19:25
		Heard 2 undetermined explosions		3 February, 19:41-19:46
		Heard 1 undetermined explosion		3 February, 19:59
		Heard 1 undetermined explosion		3 February, 20:21
		Heard 5 undetermined explosions		3 February, 20:27
		Heard 22 undetermined explosions		3 February, 20:28-20:34
SMM camera at Oktiabr mine (9km NW of Donetsk)	5-10km NE	Recorded 1 flare SE to NW	N/K	3 February, 18:32
		Recorded 30 indirect projectiles from SE to NW		3 February, 18:33-18:35
		Recorded 1 flare from SE to NW		3 February, 18:37
		Recorded 17 indirect projectiles from SE to NW		3 February, 18:38
		Recorded 1 flare SE to NW		3 February, 18:41
		Recorded 1 undetermined explosion		
		Recorded 1 tracer round from W to E		
		Recorded 2 indirect projectiles from SE to NW		3 February, 18:42
		Recorded 1 undetermined explosion		3 February, 18:47
		Recorded 2 flares in vertical flight		3 February, 18:47-18:48
		Recorded 8 tracer rounds from W to E		
		Recorded 1 indirect projectile from NW to SE		3 February, 18:48
		Recorded 1 indirect projectile from SE to NW		
		Recorded 1 airburst		3 February, 18:49
		Recorded 1 flare SE to NW		3 February, 18:50
		Recorded 4 indirect projectiles from SE		3 February, 18:50-18:51

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.

	to NW	
	Recorded 1 flare in vertical flight	3 February, 18:55
	Recorded 2 indirect projectiles from ESE to WNW	3 February, 18:57
	Recorded 1 undetermined explosion	3 February, 18:58
	Recorded 3 tracer rounds from E to W	3 February, 18:59-19:00
	Recorded 1 flare in vertical flight	3 February, 19:02
	Recorded 1 undetermined explosion	3 February, 19:03
	Recorded 1 airburst	
	Recorded at least 20 tracer rounds from E to W	3 February, 19:06
	Recorded 5 tracer rounds from W to E	
	Recorded at least 30 tracer rounds from E to W	3 February, 19:08
	Recorded 5 undetermined explosions	3 February, 19:08-19:11
	Recorded 3 tracer rounds from E to W	3 February, 19:17
	Recorded 1 undetermined explosion	
	Recorded 5 tracer rounds from E to W	3 February, 19:18
	Recorded 1 projectiles of indirect fire in flight from ESE to WNW	3 February, 19:20
	Recorded 1 undetermined explosion	
	Recorded 3 flares in vertical flight	3 February, 19:21
	Recorded 3 tracer rounds from E to W	
	Recorded 6 flares in vertical flight	3 February, 19:22-19:28
	Recorded 6 tracer rounds from E to W	3 February, 19:30
	Recorded 1 flare from SE to NW	3 February, 19:33
	Recorded 1 indirect projectile from S to N	3 February, 19:37
	Recorded 2 undetermined explosions	3 February, 19:40
	Recorded 1 tracer round from E to W	3 February, 19:44
	Recorded 3 undetermined explosions	3 February, 19:45-19:49
	Recorded 1 flare from NW to SE	3 February, 19:50
	Recorded 3 undetermined explosions	
	Recorded 1 flare in vertical flight	3 February, 19:53
	Recorded 1 undetermined explosion	
	Recorded 1 flare from S to N	3 February, 19:56
	Recorded 1 flare in vertical flight	3 February, 20:08
	Recorded 5 undetermined explosions	3 February, 20:18
	Recorded 1 flare from N to S	3 February, 20:19
	Recorded 3 undetermined explosions	3 February, 20:21
	Recorded 5 tracer rounds from W to E	3 February, 20:23
	Recorded 5 undetermined explosions	3 February, 20:24
	Recorded 1 flare from N to S	3 February, 20:26
	Recorded 5 undetermined explosions	
	Recorded 1 flare from N to S	
	Recorded 7 undetermined explosions	3 February, 20:27
	Recorded 1 flare from S to N	
	Recorded 6 undetermined explosions	3 February, 20:28
	Recorded 1 flare from S to N	3 February, 20:29
	Recorded 1 undetermined explosion	
	Recorded 1 projectile of indirect fire in flight from W to E	3 February, 20:30
	Recorded 1 undetermined explosion	3 February, 20:34
	Recorded 1 flare from S to N	3 February, 20:35
	Recorded 1 undetermined explosion	
	Recorded 1 projectile of indirect fire in flight from E to W	3 February, 20:36
	Recorded 2 flares from S to N	3 February, 20:37
	Recorded 1 flare from N to S	3 February, 20:42
	Recorded 1 indirect projectile from WNW to ESE	3 February, 20:46

		Recorded 1 indirect projectile from WNW to ESE		3 February, 20:49	
		Recorded 1 flare from N to S		3 February, 20:54	
		Recorded 1 indirect projectile from E to W		3 February, 20:57	
		Recorded 14 undetermined explosions		3 February, 21:12-21:16	
		Recorded 2 flares from N to S		3 February, 21:16	
		Recorded 1 indirect projectile from W to E		3 February, 21:18	
		Recorded 34 undetermined explosions		3 February, 21:18-21:24	
		Recorded 1 flare in vertical flight		3 February, 21:34	
		Recorded 1 undetermined explosion		3 February, 21:40	
		Recorded 1 flare in vertical flight		3 February, 21:43	
		Recorded 1 undetermined explosion		3 February, 21:52	
		Recorded 3 flares from N to S		3 February, 22:02	
		Recorded 7 undetermined explosions		3 February, 22:04	
		Recorded 2 flares from N to S			
		Recorded 2 undetermined explosions		3 February, 22:06	
		Recorded 1 flare from N to S		3 February, 22:08	
		Recorded 3 undetermined explosions		3 February, 22:10	
	Recorded 2 flares from N to S				
	4-6km NE	Recorded 6 undetermined explosions		3 February, 22:12	
		Recorded 1 flare from N to S			
		Recorded 1 undetermined explosion			
		Recorded 1 flare from N to S			
		Recorded 5 undetermined explosions			
	5-10km NE	Recorded 6 undetermined explosions		3 February, 22:10	
Recorded 1 flare from N to S					
Recorded 1 undetermined explosion					
Recorded 20 undetermined explosions					
Recorded 1 undetermined explosion					
5-10km NE	Recorded 1 undetermined explosion	3 February, 22:16			
	Recorded 1 undetermined explosion	3 February, 22:19			
5-10km NE	Recorded 1 undetermined explosion	3 February, 22:37-22:43			
	Recorded 1 undetermined explosion	3 February, 23:23			
5-10km NE	Recorded 1 undetermined explosion	3 February, 23:50			
	Recorded 1 undetermined explosion				
Kruta Balka ("DPR"-controlled, 16km N of Donetsk)	4-5km SE	Heard 1 shot	Small arms	4 February, 07:42	
		Heard 1 shot		4 February, 07:52	
	4-5km SSW	Heard 1 shot		4 February, 09:20	
	5-6km SW	Heard 3 explosions (impacts)		N/K	4 February, 09:57
		Heard 1 explosion (impact)			4 February, 10:05
	3-4km N	Heard 12 undetermined explosion		N/K	4 February, 10:45-11:00
	2-3km W	Heard 5 undetermined explosion			
	3km W	Heard 7 bursts		HMG	
		Heard 3 explosions (impacts)		N/K	4 February, 11:00-11:15
		Heard 20 bursts		Small arms	
	Heard 7 bursts	HMG			
	4-5km SSE	Heard 2 undetermined explosions		N/K	4 February, 11:42
		Heard continuous bursts and shots		Small arms	4 February, 11:50-11:53
		Heard continuous bursts and shots		HMG	
	4-6km SSE	Heard 3 explosions (outgoing)		Tank (N/K type)	4 February, 11:55-11:58
		Heard 2 undetermined explosions		N/K	4 February, 12:00
	4-5km SW	Heard 2 explosions (outgoing)		Tank (N/K type)	4 February, 13:19
		Heard 2 bursts		HMG	
	4-6km SSE	Heard 2 explosions (impacts)		N/K	4 February, 13:40-13:43
	1-2km W	Heard 1 shot		Small arms	4 February, 13:52
	4-6km SSE	Heard 1 explosion (impact)		Mortar (N/K type)	
	4-5km S	Heard 13 bursts		Small arms	4 February, 14:03
	5-7km SSE	Heard 4 undetermined explosions		N/K	4 February, 14:12
	4-5km SSE	Heard 2 explosions (outgoing)		Tank (N/K type)	4 February, 14:13
	6-9km SSE	Heard 3 undetermined explosions		N/K	4 February, 14:18
		Heard 35 bursts		HMG	4 February, 14:34
		Heard 20 bursts		Small arms	
		Heard 2 explosions (impacts)		Mortar (N/K type)	
	5-7km SSE	Heard 5 undetermined explosions		N/K	4 February, 14:52-14:55
1-2km E	Heard 2 bursts	Small arms	4 February, 14:57		
4-5km SSE	Heard 8 bursts	HMG			

		Heard 4 bursts	IFV (BMP-2) cannon (30mm)	4 February, 15:00	
	3-4km S	Heard 4 bursts	HMG	4 February, 15:05-15:07	
		Heard 13 bursts	Small arms	4 February, 15:05-15:07	
		Heard continuous bursts and shots	HMG and small arms	4 February, 15:14-15:17	
		Heard 7 bursts	IFV (BMP-2) cannon (30mm)	4 February, 15:28	
		Heard 1 explosion (outgoing)	Mortar (82mm)	4 February, 15:37	
		Heard 1 explosion (outgoing)			
	3km W	Heard 40 shots	IFV (BMP-2) cannon (30mm)	4 February, 15:40	
Eastern edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-4km SW	Heard 5 bursts	HMG	4 February, 09:00	
		Heard 26 shots	Cannon (30mm)	4 February, 09:05	
	3km S	Heard 2 shots	Small arms	4 February, 09:45	
	4-5km W	Heard 12 undetermined explosions	N/K	4 February, 10:40-10:58	
		Heard 5 shots	Small arms		
	2-4km S	Heard 1 shot	Cannon (30mm)		
	2-4km W	Heard 4 undetermined explosions	N/K	4 February, 11:06-11:18	
	5-7km SW	Heard 1 undetermined explosion		4 February, 11:34	
		Heard 4 undetermined explosions		4 February, 11:48-11:50	
	5km SW	Heard 2 undetermined explosions		4 February, 12:21	
4-5km W	Heard 2 undetermined explosions	4 February, 14:37-14:38			
5-7km WSW	Heard 41 undetermined explosion	4 February, 16:30-17:00			
Kamianka (government-controlled, 20km N of Donetsk)	4-6km S	Heard 8 undetermined explosions		N/K	4 February, 09:59-10:03
	5-7km S	Heard 20 undetermined explosions			4 February, 10:30-10:46
	2-4km SE	Heard 25 bursts	Small arms	4 February, 13:20-13:51	
Donetsk water filtration station ("DPR"-controlled, 16km NE of Donetsk)	2-3km SW	Heard 35 bursts	HMG	4 February, 10:48-11:00	
		Heard 8 undetermined explosions	N/K		
		Heard 48 bursts	HMG	4 February, 11:06	
		Heard 17 undetermined explosions	N/K	4 February, 11:07-11:28	
		Heard 14 bursts	Small arms	4 February, 11:33	
		Heard 8 undetermined explosions	N/K	4 February, 11:44-11:58	
	Heard 2 undetermined explosions	4 February, 12:17-12:41			
	3-4km SW	Heard 12 undetermined explosions		4 February, 13:17-13:36	
		Heard 30 bursts	Small arms		
	2-3km SW	Heard 25 shots	HMG	4 February, 15:24-15:30	
		Heard 8 bursts	Small arms		
		Heard 6 undetermined explosions	N/K	4 February, 15:40-15:43	
		Heard 8 undetermined explosions		4 February, 15:48-15:55	
		Heard continuous bursts and shots	HMG and Small arms		
	Heard 34 undetermined explosions	N/K	4 February, 16:13-16:25		
1-2km SW	Heard 52 undetermined explosions		4 February, 16:25-16:43		
	Heard 68 bursts	HMG and small arms			
	Heard 10 undetermined explosions	N/K	4 February, 16:48		
3.5km NE of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard 5 undetermined explosions	N/K	4 February, 10:00-10:05	
	3-5km SW	Heard 10 undetermined explosions		4 February, 13:15-13:22	

ESE edge of Avdiivka (government-controlled, 17km NW of Donetsk)	3-5km W	Heard 5 undetermined explosions	N/K	4 February, 10:36-10:41
Donetsk central railway station ("DPR"- controlled, 6km NW of Donetsk city centre)	1-3km WNW	Heard 1 undetermined explosion	N/K	4 February, 12:36
Avdiivka (government-controlled, 17km N of Donetsk)	4-6km S	Heard 3 bursts	HMG	4 February, 13:42
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 1 rocket-assisted projectile from W to E	N/K	3 February, 19:17
		Recorded 1 rocket-assisted projectile from W to E		3 February, 19:18
		Recorded 2 rocket-assisted projectiles from W to E		3 February, 19:19
		Recorded 1 rocket-assisted projectile from W to E		3 February, 19:29
		Recorded 1 rocket-assisted projectile from W to E		3 February, 19:31
		Recorded 1 rocket-assisted projectile from W to E		3 February, 19:33
		Recorded 14 tracers of direct fire from W to E		3 February, 19:41
		Recorded 2 rocket-assisted projectiles from W to E		3 February, 19:42-19:48
		Recorded 1 rocket-assisted projectile from W to E		3 February, 19:42-19:48
		Recorded 4 rocket-assisted projectiles from W to E		3 February, 19:42-19:48
		Recorded exchange of 25 tracer rounds from W to E and E to W		3 February, 20:30
		4-6km NE		Recorded 62 explosions (outgoing rocket-assisted projectiles being fired SE to NW from 2 launchers)
	N/K NE	Recorded 3 undetermined explosions	N/K	3 February, 23:36-23:37
		Recorded 1 flare from W to E		3 February, 23:58-23:59
		Recorded 3 undetermined explosions		3 February, 23:59
		Recorded 1 indirect tracer round from W to E		4 February, 00:08
		Recorded 1 flare from W to E		4 February, 00:13
		Recorded 4 tracer rounds from W to E		4 February, 00:17-00:18
		Recorded 1 undetermined explosion		4 February, 00:22
		Recorded 18 tracer rounds from W to E		4 February, 00:23
Recorded 20 tracer rounds from W to E		4 February, 00:25		
Recorded 1 flare from W to E		4 February, 00:29-00:30		
Recorded 1 undetermined explosion		4 February, 00:31		
Recorded 6 tracer rounds from W to E		4 February, 00:31-00:32		
Recorded 1 tracer round from S to N		4 February, 00:33		
Recorded 1 undetermined explosion	4 February, 00:33			
Recorded 6 tracer rounds from W to	4 February, 00:42-			

		E		00:44
		Recorded 1 tracer round from W to E		
		Recorded 1 flare from W to E		
		Recorded 2 flares from W to E		4 February, 00:44
		Recorded 24 tracer rounds from W to E		4 February, 00:45-00:47
		Recorded 4 undetermined explosions		4 February, 00:54
		Recorded 1 undetermined explosion		4 February, 01:10
		Recorded 4 tracer rounds from W to E		4 February, 04:13
		Recorded 6 tracer rounds from W to E		4 February, 04:59-05:00
		Recorded 25 tracer rounds from W to E		4 February, 05:04-05:06
		Recorded 2 undetermined explosions		4 February, 05:12
		Recorded 1 undetermined explosion		
		Recorded 47 tracer rounds from W to E		4 February, 05:28-05:31
		Recorded 3 tracer rounds from E to W		
		Recorded 7 tracer rounds from W to E		4 February, 05:32-05:35
		Recorded 14 tracer rounds from W to E		4 February, 05:37-05:38
		Recorded 86 tracer rounds from W to E		4 February, 05:41-05:44
		Recorded 38 tracer rounds from W to E		4 February, 05:45-05:48
		Recorded 6 tracer rounds from E to W		4 February, 05:50-06:04
Hnutove (government-controlled, 20km NE of Mariupol)	6-10km E	Heard 1 undetermined explosion		4 February, 11:14
	5-8km SE	Heard 1 undetermined explosion	N/K	4 February, 11:34
		Heard 1 undetermined explosion		4 February, 11:38
Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	1-2km SSW	Heard 1 undetermined explosion		
		Heard 1 shot	Small arms	4 February, 12:55
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	7-9km W	Heard 4 undetermined explosions		3 February, 19:55-19:59
	7-9km WNW	Heard 67 undetermined explosions		3 February, 20:42-20:55
		Heard 1 undetermined explosions	N/K	3 February, 20:56
	7-9km W	Heard 6 undetermined explosions		3 February, 22:04
	7-9km NW	Heard 45 undetermined explosions		3 February, 22:08-23:39
		Heard 5 undetermined explosions		3 February, 00:06
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km NNW	Heard 6 undetermined explosions	N/K	3 February, 19:55-20:10
	2-3km SE	Heard 3 bursts	HMG	
	5-7km NNW	Heard 7 undetermined explosions	N/K	3 February, 20:15-20:30
	2-3km SE	Heard 26 bursts	HMG	
	2-3km SSE	Heard 3 explosions (impact)		3 February, 20:35-20:50
		Heard 18 explosions (outgoing)	Artillery (N/K type)	
	5-7km NE	Heard 10 explosions (outgoing)	Artillery (N/K type)	4 February, 11:44-12:35
	2-3km E	Heard 4 bursts	HMG	
	3-5km N	Heard 1 explosion (outgoing)		4 February, 13:20
		Heard 7 explosions (outgoing)	N/K	4 February, 14:00
	2-3km SE	Heard 15 bursts	HMG	4 February, 16:46-16:53
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10-15km W	Heard 75 undetermined explosions	N/K	3 February, 20:50-21:40
		Heard 8 explosions (outgoing) (1 salvo)	MLRS (BM-21 <i>Grad</i>)	3 February, 21:30
		Heard 20 undetermined explosions	N/K	3 February, 21:50-

				22:25
	5km N	Heard 4 undetermined explosions		4 February, 01:40-01:50
	10km NW	Heard 3 undetermined explosions		4 February, 16:15-16:16
Sievierodonetsk (government-controlled, 75km NW of Luhansk)	30km SE	Heard 5 undetermined explosions	N/K	4 February, 00:41-00:42
Luhansk city ("LPR"-controlled)	2km SSW	Heard 1 undetermined explosion	N/K	4 February, 07:55
2km N of Pervomaisk (58km W of Luhansk)	5km SW	Heard 18 explosions (impacts) (outside the disengagement area)	Mortar (type N/K)	4 February, 09:12-09:32
Trokhizbenka (government-controlled, 32km NW of Luhansk)	5km SW	Heard 1 explosion (assessed as demining activity)	N/K	4 February, 09:50
Novozvanivka (government-controlled, 70km W of Luhansk)	4km SE	Heard 1 undetermined explosion	N/K	4 February, 11:50
Troitske (government-controlled, 69km W of Luhansk)	2-3km SE	Heard 1 undetermined explosion	N/K	4 February, 12:25
Katerynivka (government-controlled, 64km W of Luhansk)	10km S	Heard 2 undetermined explosions	Artillery (type N/K)	4 February, 12:43-12:44
Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	3km SSW	Heard 10 explosions (outgoing)	Mortar (type N/K)	4 February, 12:45-12:52
	4km SSE	Heard 4 explosions (impacts)		
Donetsk city centre ("DPR"-controlled)	8-12km NNW	Heard 2 undetermined explosions	N/K	4 February, 21:02
		Heard 2 undetermined explosions		4 February, 22:57
		Heard 2 undetermined explosions		4 February, 23:22
		Heard 1 undetermined explosion		4 February, 23:39
		Heard 4 undetermined explosions		4 February, 23:54
		Heard 2 undetermined explosions		5 February, 00:02
		Heard 1 undetermined explosion		5 February, 00:06
		Heard 1 undetermined explosion		5 February, 00:12
		Heard 3 undetermined explosions		5 February, 00:21-00:23
		Heard 3 undetermined explosions		5 February, 05:17
SMM camera at Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk)	8-10km NE	Recorded 3 undetermined explosions	N/K	5 February, 05:09
		Recorded 41 undetermined explosions		5 February, 06:24-06:30
	6-10km NE	Recorded 4 undetermined explosions		5 February, 06:33
		Recorded 1 projectile from N to S		5 February, 16:43
	6-8km NE	Recorded 1 projectile from S to N		5 February, 16:43
		Recorded 16 indirect projectiles from S to N		5 February, 16:47
	6-8km NE	Recorded 5 undetermined explosions		5 February, 17:08-17:09
		6-10km NE		Recorded 51 projectiles from SE to NW
	Recorded 3 undetermined explosions			5 February, 17:16
	Recorded 2 undetermined explosions			5 February, 17:18
	Recorded 3 undetermined explosions			5 February, 17:22
	Recorded 40 projectiles from SE to NW			5 February, 17:24
	Recorded 3 undetermined explosions			5 February, 17:24

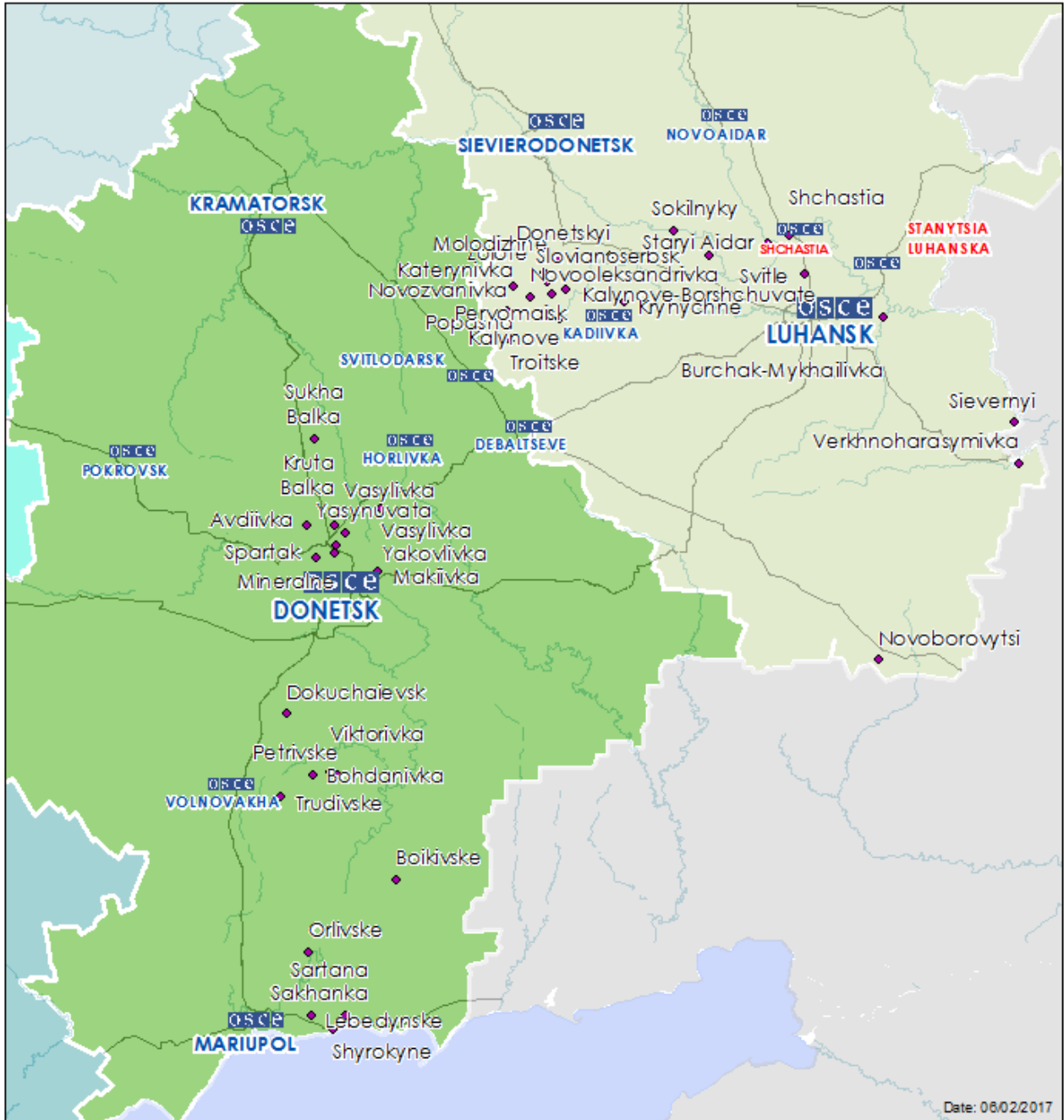
		Recorded 1 undetermined explosions		5 February, 17:39	
		Recorded 8 undetermined explosions		5 February, 17:45-17:50	
		Recorded 8 undetermined explosions		5 February, 17:55-17:59	
		Recorded 5 undetermined explosions		5 February, 18:01-18:04	
		Recorded 11 undetermined explosions		5 February, 18:08-18:18	
Oleksandrivka ("DPR"-controlled, 23km SW of Donetsk)	2-3km W	Heard 3 shots	Small arms	5 February, 09:42	
Donetsk central railway station ("DPR"- controlled, 6km NW of Donetsk city centre)	3-5km N	Heard 25 shots	Small arms	5 February, 13:25	
		Heard 4 undetermined explosions	N/K	5 February, 13:35	
	2-4km N	Heard 1 undetermined explosion	N/K	5 February, 14:09	
		Heard 2 bursts	Small arms	5 February, 14:15	
3-5km NNE	Heard 1 undetermined explosion	N/K	5 February, 14:27		
E edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	4-5km W	Heard 5 bursts	HMG	5 February, 09:20	
	6-8km W	Heard 1 undetermined explosion	N/K	5 February, 09:27	
		Heard 2 undetermined explosions		5 February, 09:31	
		Heard 1 undetermined explosion		5 February, 09:40	
	5-7km NW	Heard 2 undetermined explosions		5 February, 10:26	
	4-6km SW	Heard 1 undetermined explosion		5 February, 10:30	
	5-7km NW	Heard 2 undetermined explosions		5 February, 10:34	
	5km NW	Heard 1 burst	HMG		
	4-6km WSW	Heard 1 undetermined explosion	N/K	5 February, 11:00	
	4-6km W	Heard 2 undetermined explosions			
	3-5km W	Heard 4 shots	Small arms	5 February, 11:14	
	4-7km WSW	Heard 60 undetermined explosions	N/K	5 February, 13:20-13:46	
	3-5km WSW	Heard 38 bursts	HMG	5 February, 13:50-13:56	
	4-5km WSW	Heard 3 undetermined explosions	N/K		
		Heard 6 bursts	Small arms		
		Heard 8 undetermined explosions	N/K		
		Heard 13 bursts	Small arms		
	5-8km WSW	Heard 51 undetermined explosions	N/K	5 February, 14:16-14:45	
		Heard 83 bursts	Small arms	5 February, 14:45-15:15	
		Heard 12 bursts			
		Heard 14 undetermined explosions	N/K		
	8-10km WSW	Heard 5 undetermined explosions	N/K	5 February, 15:17	
	8-10km SW	Heard 62 undetermined explosions		5 February, 15:22-15:25	
	3-4km S	Heard 3 undetermined explosions		5 February, 15:36	
	8-10km SW	Heard 4 undetermined explosions		5 February, 15:37	
		Heard 15 shots			
	5-6km WSW	Heard 3 undetermined explosions		5 February, 15:41	
	3-4km S	Heard 1 undetermined explosion		5 February, 15:43	
	4-6km WSW	Heard 3 undetermined explosions			5 February, 15:45
		Heard 19 undetermined explosions			
		Heard 115 explosions (outgoing) followed by 115 explosions (impacts)		Tank (N/K type)	5 February, 15:58-16:30
	Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SSE	Heard 4 undetermined explosion	N/K	5 February, 09:33-09:43
5km SSW		Heard 6 undetermined explosions	N/K	5 February, 15:12	
	Heard 39 undetermined explosions	5 February, 15:16-15:22			
2.5km NE of Kruta Balka ("DPR"-controlled, 16km N of Donetsk)	4-5km W	Heard 3 undetermined explosions	N/K	5 February, 11:00	
	5km SW	Heard 3 undetermined explosions		5 February, 11:15-11:52	
	2-5km SW	Heard 3 undetermined explosions		5 February, 12:08	
	5km NNW	Heard 2 explosions (impacts)	Mortar (120mm)	5 February, 13:08	
	6km SW	Heard 37 undetermined explosions	AGL	5 February, 13:20-13:27	
Heard 2 bursts		Small arms			

		Heard 5 undetermined explosions	AGL	5 February, 13:28			
		Heard 3 undetermined explosions		5 February, 13:29			
		Heard 34 undetermined explosions		5 February, 13:30			
			Heard 1 explosion (impact)	Mortar (82mm)	5 February, 13:31		
		5-6km SE	Heard 6 bursts	AGL	5 February, 13:40		
		4km S	Heard 1 explosion (outgoing)	Mortar (82mm)	5 February, 13:50		
		5-6km SE	Heard 2 bursts	AGL	5 February, 13:58		
	5km SW		Heard 1 shot	Small arms	5 February, 14:03		
			Heard 2 explosions (impacts)	Mortar (120mm)	5 February, 14:10		
			Heard 3 shots	Small arms	5 February, 14:12		
			Heard 1 shot		5 February, 14:14		
			Heard 1 explosion (impact)	Mortar (82mm)	5 February, 14:20		
			Heard 1 undetermined explosion	AGL			
			Heard 1 bursts	Small arms			
			Heard 12 shots		5 February, 14:22		
			Heard 5 bursts				
			Heard 3 undetermined explosions	AGL	5 February, 14:23		
			Heard 1 burst	Small arms	5 February, 14:25		
			Heard 1 explosion (impact)	Mortar (120mm)	5 February, 14:26		
			Heard 1 shot	Small arms	5 February, 14:28		
			Heard 2 undetermined explosions	AGL	5 February, 14:29		
			Heard 1 burst	Small arms	5 February, 14:30		
			Heard 2 undetermined explosions	AGL			
					Heard continuous bursts and shots	Small arms	5 February, 14:30-14:31
			4km S		Heard continuous bursts and shots		5 February, 14:32-14:35
	5-6km SE		Heard 7 explosions (outgoing)	Mortar (82mm)			
			Heard 31 explosions (impacts)	Mortar (120mm)	5 February, 14:35-14:37		
	2-3km S		Heard continuous bursts and shots	Small arms	5 February, 14:44-14:45		
	5-6km SE		Heard 19 explosions (impacts)	Mortar (120mm)	5 February, 14:45-14:53		
	4km S		Heard continuous bursts and shots	Small arms	5 February, 14:32-14:35		
	7-8km E		Heard 1 explosion (outgoing)	Artillery (152mm)	5 February, 15:38		
		Heard 1 explosion (outgoing)	5 February, 15:40				
		Heard 1 explosion (outgoing)	5 February, 15:44				
5km SW		Heard 2 shots	Small arms	5 February, 15:55-16:00			
		Heard 8 undetermined explosions	Mortar (82mm)	5 February, 16:15			
		Heard 2 undetermined explosions	Mortar (120mm)				
		Heard 10 undetermined explosions	Tank (N/K type)	5 February, 16:00-16:15			
		Heard 11 undetermined explosions					
		Heard 40 undetermined explosions	Mortar (82mm)				
		Heard 9 undetermined explosions	Mortar (120mm)				
		Heard 4 shots	Small arms				
Heard 9 bursts							
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon (73mm)				
Petrivske ("DPR"-controlled, 41km S of Donetsk)	5-7km N	Heard 8 undetermined explosions (assessed as outside the disengagement area)	N/K	5 February, 09:55-10:00			
2km NE of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K NW	Heard 20 undetermined explosions (assessed as outside the disengagement area)		5 February, 09:53-10:00			
		Heard 3 undetermined explosions (assessed as outside the disengagement area)		5 February, 13:05			
		Heard 13 undetermined explosions (assessed as outside the disengagement area)	5 February 13:23-13:31				
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 1 rocket-assisted projectile from W to E	N/K	5 February, 03:15			
		Recorded 1 rocket-assisted projectile		5 February, 03:20			

		from W to E		
		Recorded 26 tracer rounds from W to E		5 February, 03:55
2km S of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	1km SW	Heard 10 shots	Small arms	5 February, 11:05-11:15
	N/K SW	Heard 7 shots		5 February, 11:16-11:19
	N/K SW	Heard 10 shots		5 February, 11:24-11:26
	1km NW	Heard 3 bursts		
	1km SW	Heard 2 shots		
	N/K SW	Heard 10 shots	AGL	5 February, 11:28-11:42
	N/K NW	Heard 1 undetermined explosion	N/K	
2km E of Orlivske (government-controlled, 23km NE of Mariupol)	N/K SE	Heard 12 undetermined explosions	N/K	5 February, 13:14-13:30
	4-5km SE	Heard and saw 12 explosions (impacts)		5 February, 13:32-13:38
	4-8km ESE	Heard 13 undetermined explosions		5 February, 13:39
	4-8km SSE	Heard 4 undetermined explosions		5 February, 13:42-13:46
	N/K SSE	Heard 18 undetermined explosions		
Heard 17 undetermined explosions				
2km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Heard 110 shots	Small arms	
	2-8km ESE	Heard 22 undetermined explosions and saw smoke	N/K	5 February, 14:10-14:21
	2-4km ESE	Heard 23 shots	Small arms	5 February, 14:22-14:25
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	7-9km WNW	Heard 64 undetermined explosions	N/K	5 February, 14:24-14:40
	5-7km W	Heard 1 undetermined explosions		
			Heard 7 bursts	Small arms
	7-9km WNW	Heard 57 undetermined explosions	NK	5 February, 14:40-15:00
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard 5 bursts	HMG	4 February, 20:39
	5-7km SE	Heard 41 undetermined explosions	N/K	5 February, 16:02-16:35
Kadiivka (formerly Stakhanov; "LPR"-controlled, 50km W of Luhansk)	3-5km W	Heard 8 bursts	N/K	5 February, 01:28
	10km W	Heard 9 undetermined explosions	N/K	5 February, 18:14-18:25
Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)	2km NW	Heard 1 shot	Small arms	5 February, 09:50
400m N of Kalynove ("LPR"-controlled, 60km W of Luhansk)	1km NW	Heard 8 shots	Small arms	5 February, 10:00-10:09
	1km N	Heard 4 shots		
Krynychne ("LPR"-controlled, 45km W of Luhansk)	5km NNW	Heard 30 bursts	HMG	5 February, 10:50-11:00
2km NE of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3km N	Heard 16 shots	Small arms	5 February, 11:08-11:13
4km S of Slovanoserbsk ("LPR"-controlled, 28km NW of Luhansk)	8-10km W	Heard 11 undetermined explosions	N/K	5 February, 11:25-11:30
3.7km SE of Shchastia (government-controlled, 20km N of Luhansk)	3km NE	Heard 1 undetermined explosion	N/K	5 February, 11:30

200m E of Obozne ("LPR"-controlled, 18km N of Luhansk)	3km WSW	Heard 10 shots	Small arms	5 February, 12:01- 12:11
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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.)