

**Table of ceasefire violations as of 6 November 2016<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time		
SMM camera in Shyrokyne, (government-controlled, 20km E of Mariupol)	2km ENE	Recorded 7 rocket-assisted projectiles fired from SW to NE	MLRS	4 November, 16:53-17:03		
	4km NE	Recorded 4 explosions (impacts)				
	2km ENE	Recorded 81 rocket-assisted projectiles fired from SW to NE	N/K	4 November, 17:07-20:21		
		Recorded 4 indirect rocket-assisted projectiles fired from E to W		4 November, 20:21		
	N/K NE	Recorded 1 burst of tracer fired from WSW to ENE		4 November, 21:13		
	2km NNE	Recorded 2 bursts of tracers fired from ESE to WNW		4 November, 23:44		
		Recorded 4 bursts of tracers fired from ESE to WNW		4 November, 23:50		
		Recorded 30 bursts of tracers fired from W to E		5 November, 01:37-1:40		
Park Inn Hotel (“DPR”-controlled, Donetsk city centre)	5-10km NW	Heard 62 undetermined explosions		N/K	4 November, 18:36-01:28	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded 60 undetermined explosions		N/K	4 November, 18:37-20:13	
	4-5km SE	Recorded 1 undetermined explosion	5 November, 07:50			
		Recorded 1 airburst	5 November, 07:51			
		Recorded 1 airburst	5 November, 07:52			
		Recorded 7 undetermined explosions	5 November, 07:53-07:58			
		Recorded 1 undetermined explosion	5 November, 13:23			
		Recorded 2 airbursts	5 November, 13:24			
		Recorded 1 airburst	5 November, 16:41			
		Recorded 1 undetermined explosion				
	4-5km ESE	Recorded 1 airburst	5 November, 17:12			
	2-3km ESE	Recorded 1 undetermined explosion	5 November, 17:20			
		Recorded 1 undetermined explosion	5 November, 17:23			
	3-5km ESE	Recorded 1 projectile fired from W to E	5 November, 17:29			
		Recorded 1 projectile fired from W to E	5 November, 17:35			
		Recorded 1 projectile fired from W to E	5 November, 17:37			
	Svitlodarsk	5km SE	Heard 8 single shots		Small arms	4 November, 18:55

<sup>1</sup> 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.

(government-controlled, 57km NE of Donetsk)	3km SE	Heard 3 bursts (3 shots each)	HMG	4 November, 19:06
	5km SE	Heard 6 single shots	Small arms	4 November, 20:25
Horlivka (“DPR” Controlled, 39km NE of Donetsk)	4-5km SSW	Heard 5 bursts	HMG	4 November, 19:00-19:20
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	8-12km NNW	Heard 51 undetermined explosions	Mortar (80 and 120mm)	4 November, 21:10-22:23
		Heard 20 single shots	HMG	
		Heard 30 single shots	Small arms	
	6-10km NNW	Heard 33 undetermined explosions	N/K	4 November, 23:00-23:45
		Heard 30 single shots	HMG	
		Heard 50 single shots	Small arms	
	8-12km N	Heard 38 undetermined explosions	N/K	5 November, 14:00-14:30
	5km NNW	Heard 3 undetermined explosions		5 November, 14:30
	8-12km N	Heard 44 undetermined explosions		5 November, 14:30-15:05
	5km NNW	Heard 17 undetermined explosions		
SMM camera at Oktiabr mine (“DPR”-controlled, 9km NW of Donetsk)	4-7km NE	Recorded 1 airburst	N/K	5 November, 08:37
		Recorded 1 airburst		5 November, 13:34
		Recorded 1 airburst		5 November, 13:35
	8-9km NE	Recorded 1 airburst		5 November, 16:14
		Recorded 1 airburst		5 November, 16:27
	7-8km NE	Recorded 1 airburst		5 November, 16:28
	9-10km NE	Recorded 1 airburst		5 November, 16:47
	8-9km SE	Recorded 1 airburst		5 November, 16:53
8-9km SE	Recorded 1 airburst	5 November, 17:16		
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	5-6km W	Heard 2 undetermined explosions	N/K	5 November, 08:55
	3-5km W	Heard 3 single shots	Small arms	5 November, 09:18
		Heard 3 single shots		5 November, 09:21
	2-3km W	Heard 2 single shots	Small arms	5 November, 09:28
		Heard 1 burst (3-5 shots)	HMG	
	3-4km W	Heard 1 undetermined explosion	N/K	5 November, 09:32
	3-5km W	Heard 2 undetermined explosions		5 November, 09:35
			Heard 2 single shots	Small arms
	4-5km W	Heard 1 undetermined explosion	N/K	5 November, 09:38
	3-4km WSW	Heard 8 bursts (3-5 shots)	HMG	5 November, 09:41
	4-5km WSW	Heard 1 undetermined explosion	N/K	5 November, 09:43
	3-4km WSW	Heard 4 bursts (3-5 shots)	HMG	5 November, 09:44
		Heard 1 undetermined explosion	N/K	
		Heard 2 undetermined explosions		5 November, 09:49
		Heard 3 bursts (3-5 shots)	HMG	
	2-3km WSW	Heard 4 single shots	Small arms	
	3-5km WSW	Heard 2 undetermined explosions	N/K	5 November, 09:51
	3-4km NW	Heard 5 undetermined explosions	N/K	5 November, 09:56
		Heard 1 single shot	Small arms	
	3-5km W	Heard 1 undetermined explosion	N/K	5 November, 09:59
3-4km NW	Heard 3 bursts (3-5 shots each)	HMG	5 November, 10:00	
3-5km W	Heard 13 single shots	Small arms	5 November, 10:04	

	3-4km W	Heard 1 undetermined explosion	N/K	5 November, 10:06
		Heard 11 bursts	Small arms	
		Heard 2 undetermined explosions	N/K	5 November, 10:09
		Heard 1 single shot	Small arms	5 November, 10:11
		Heard 1 single shot		5 November, 10:17
		Heard 1 burst		5 November, 10:25
		Heard 3 single shots		5 November, 10:27
		Heard 1 undetermined explosion	N/K	5 November, 10:27
	3-4km NW	Heard 1 single shot	Small arms	5 November, 10:39
	2-3km W	Heard 3 undetermined explosions	N/K	5 November, 11:15
	3-5km W	Heard 13 single shots	Small arms	5 November, 11:28-11:38
		Heard 1 undetermined explosion	N/K	5 November, 11:45
		Heard 1 undetermined explosion		5 November, 11:50
	3-4km W	Heard 1 undetermined explosion	Small arms	5 November, 11:54
		Heard 2 single shots		5 November, 12:02
		Heard 5 undetermined explosions	N/K	5 November, 12:06
		Heard 3 undetermined explosions		5 November, 12:08
		Heard 2 undetermined explosions		5 November, 12:09
	2-3km WSW	Heard continuous bursts and single shots	HMG and small arms	5 November, 12:42-12:45
	2-3km W	Heard 9 single shots	Small arms	5 November, 12:47-12:49
	3-4km NW	Heard 44 single shots		
	3-4km W	Heard 3 bursts (2-4 shots)	HMG	
	2-3km NW	Heard 7 bursts (3-5 shots)	Small arms	
	3-4km WSW	Heard 3 undetermined explosions	N/K	5 November, 12:50
	2-3km WSW	Heard 14 single shots	Small arms	5 November, 12:52
	3-5km W	Heard 4 undetermined explosions	N/K	
	2-3km W	Heard 6 bursts (3-5 shots)	HMG	5 November, 12:55
		Heard 2 single shots	Small arms	
	3-5km W	Heard 3 bursts (3-5 shots)	HMG	5 November, 12:59
	4-6km WSW	Heard 1 undetermined explosion	N/K	5 November, 13:02-13:04
	2-3km WSW	Heard 11 single shots	Small arms	
	3km WSW	Heard 13 bursts (3-5 shots)	HMG	
	2-3km WSW	Heard 4 undetermined explosions	N/K	
3-5km WSW	Heard 1 undetermined explosion			
3-4km WSW	Heard 2 undetermined explosions	HMG	5 November, 13:06	
2-3km WSW	Heard 20 bursts (3-5 shots)			
2-3km NW	Heard 4 bursts (3-5 shots)	Small arms	5 November, 13:09-13:10	
	Heard at least 30 bursts	HMG, small arms		
3-4km WSW	Heard at least 25 bursts			N/K
	Heard 2 undetermined explosions			
2-3km WSW	Heard 2 undetermined explosions	Small arms	5 November, 13:12-13:15	
	Heard at least 40 single shots			
	Heard at least 38 bursts	HMG, small arms		

	2-4km WSW	Heard 3 undetermined explosions	N/K	5 November, 13:16
	3-5km W	Heard 8 undetermined explosions		
	3-4km W	Heard continuous bursts and single shots	HMG and small arms	5 November, 13:18-13:21
		Heard 9 undetermined explosions	N/K	5 November, 13:22
	1-2km W	Heard 5 undetermined explosions		5 November, 13:25
	3-4km W	Heard 5 undetermined explosions		5 November, 13:28
	3-4km N	Heard continuous bursts and single shots	Small arms	5 November, 13:30-13:31
	3-4km W	Heard 5 undetermined explosions	N/K	5 November, 13:32
	1-3km W	Heard 5 undetermined explosions		5 November, 13:35
	3-4km W	Heard 3 undetermined explosions		5 November, 13:45
		Heard 2 undetermined explosions		Small arms
		Heard continuous bursts and single shots		
	2-3km NW	Heard 2 undetermined explosions	N/K	5 November, 13:57
Hnutove (government-controlled, 20km NE of Mariupol)	N/K SE	Heard 4 single shots	Small arms	5 November, 10:12-10:19
	N/K NE	Heard 1 undetermined explosion	N/K	
Sofiivka (formerly Karlo-Marksove, "DPR"-controlled, 40km NE of Donetsk)	1-2km SW	Heard and saw 2 explosions (impacts)	Mortar (N/K calibre)	5 November, 11:25-11:45
Orlivske (government-controlled, 23km NE of Mariupol)	N/K NE	Heard 1 explosion	N/K	5 November, 11:39
Bezimenne ("DPR"-controlled, 30km E of Mariupol)	5km W	Heard 9 undetermined explosions	N/K	5 November, 12:42-12:49
Avdiivka (government-controlled, 17km N of Donetsk)	5km SE	Heard 1 undetermined explosion	N/K	5 November, 13:09
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NNE	Heard 15 undetermined explosions	N/K	5 November, 13:21-13:22
		Heard 20 bursts	HMG	
		Heard 20 undetermined explosions	N/K	5 November, 13:23-13:24
		Heard 7 bursts	HMG	5 November, 13:24-13:25
		Heard 5 bursts		
		Heard 14 single shots	Small arms	5 November, 13:25
	Heard 3 single shots			
	N/K ENE	Heard 1 undetermined explosion	N/K	5 November, 13:25
		Heard 4 undetermined explosions	N/K	5 November, 13:34-13:37
		Heard 7 bursts	HMG	
	N/K NW	Heard 4 single shots	N/K	5 November, 13:40
Heard 1 undetermined explosion				
Sakhanka ("DPR"-controlled, 24km NE)	10m NE	Heard and saw 21 shots	IFV (BMP-2) cannon (30mm)	5 November, 13:25

of Mariupol)				
1.5km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K ENE	Heard 2 undetermined explosions	N/K	5 November, 13:47-13:49
		Heard 3 bursts	HMG	
	N/K NNE	Heard 4 explosions (impacts)	Mortar (N/K calibre)	5 November, 14:07-14:22
Petrivske (“DPR”-controlled, 41km S of Donetsk)	10-15km WNW	Heard 3 undetermined explosions	N/K	5 November, 14:18-14:21
SMM camera in Shyrokyne, (government-controlled, 20km E of Mariupol)	2km NE	Recorded 5 explosions (impacts)	Artillery (N/K calibre)	5 November, 16:23
		Recorded 10 airbursts		
	N/K NE	Recorded 24 bursts of tracer rounds fired W to E	Cannon (N/K calibre)	5 November, 16:36-16:39
		Recorded 26 bursts of tracer rounds fired SW to NE	N/K	5 November, 16:47
		Recorded 10 bursts of tracer rounds fired NE to SW		
	2km NE	Recorded 7 rocket-assisted projectiles fired SW to NE	MLRS	
	N/K NE	Recorded 60 bursts of tracer rounds fired SW to NE	N/K	5 November, 16:53
		Recorded 17 bursts of tracer rounds fired E to W		5 November, 16:58-17:24
		Recorded 22 bursts of tracer rounds fired SW to NE		5 November, 17:04-17:24
		Recorded 3 undetermined explosions		5 November, 17:04-17:07
		Recorded 1 undetermined explosion		5 November, 17:39
		Recorded 1 undetermined explosion		5 November, 17:50
		Recorded 1 undetermined explosion		5 November, 18:05
	2km NE	Recorded 1 rocket-assisted projectile fired SW to NE		5 November, 18:06
	N/K NE	Recorded 5 bursts of tracer rounds fired E to W		5 November, 18:07
		Recorded 3 undetermined explosions		5 November, 18:17
		Recorded 2 bursts of tracer rounds fired E to W		5 November, 18:18
	2km NE	Recorded 4 indirect rocket-assisted projectiles fired S to N		5 November, 18:18-18:19
	N/K NE	Recorded 5 bursts of tracer rounds fired SW to NE		5 November, 18:21
		Recorded 4 bursts of tracer rounds fired E to W		5 November, 18:26
		Recorded 4 bursts of tracer rounds fired SW to NE		5 November, 19:40
		Recorded 2 bursts of tracer rounds fired SSE to NNW		5 November, 22:28-22:29
	Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-10km S	Heard 4 single shots	Small arms
Heard 1 undetermined explosion			N/K	5 November, 20:07
5-10km S		Heard 3 single shots	Small arms	5 November, 20:55
3-7km SW		Heard 3 undetermined explosion	Mortar (N/K calibre)	5 November, 21:05
3-7km SW		Heard 2 bursts	HMG	5 November, 21:07
5-10km S	Heard 10 bursts	5 November, 21:10		
Kadiivka (formerly Stakhanov, “LPR”-controlled, 50km W of Luhansk)	5-10km W	Heard a short series of outgoing explosions	MLRS (BM-21 <i>Grad</i> )	4 November, 19:55
		Heard a short series of outgoing explosions	MLRS (BM-21 <i>Grad</i> )	4 November, 19:58

		Heard a short series of outgoing explosions	MLRS (BM-21 <i>Grad</i> )	4 November, 20:05
	15-20km W	Heard 7 undetermined explosions	Artillery (N/K calibre)	4 November, 20:08-20:20
Shchastia (government-controlled, 20km N of Luhansk)	4-5km SW	Heard 20 shots (assessed as live-fire exercise outside of the security zone)	Small arms	5 November, 07:18-07:20
Krasnyi Lyman ("LPR"-controlled, 30km NW of Luhansk)	5km SW	Heard 14 shots	Small arms	5 November 11:45 – 12:00
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	5-8km NW	Heard 28 undetermined explosions	N/K	6 November, 04:10-04:35
		Heard 18 undetermined explosions		6 November, 06:00-06:30
	8-12km NNW	Heard 7 undetermined explosions		6 November, 15:06
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 2 undetermined explosions	N/K	6 November, 08:40
	5-7km WSW	Heard continuous bursts and single shots (40min)	HMG and small arms	6 November, 09:05-09:45
		Heard 2 undetermined explosions	N/K	
		Heard 1 undetermined explosion		6 November, 09:52
	3-4km W	Heard 2 undetermined explosions	Small arms	6 November, 10:36
		Heard 1 burst (15-20 shots)		6 November, 10:42
	4-6km W	Heard 2 single shots		6 November, 10:50
	4-6km WSW	Heard 3 undetermined explosions		6 November, 10:55
	3-4km W	Heard 2 undetermined explosions	N/K	6 November, 11:00
	5-7km W	Heard 4 undetermined explosions		6 November, 11:46
	4-6km W	Heard 3 undetermined explosions	N/K	6 November, 12:19
	2-3km W	Heard 2 single shots	Small arms	6 November, 13:03
	3-5km W	Heard 3 undetermined explosions	N/K	6 November, 13:10
		Heard 11 single shots	Small arms	6 November, 13:15
		Heard 5 undetermined explosions	N/K	
		Heard 2 undetermined explosions		6 November, 13:18
		Heard 9 single shots	Small arms	6 November, 13:22
		Heard 1 undetermined explosion	N/K	6 November, 13:27
		Heard 2 undetermined explosions		6 November, 13:30
		Heard 9 bursts	HMG	
2-3km SW	Heard 7 single shots	Small arms	6 November, 13:35	
	Heard 5 single shots		6 November, 13:38	
	Heard 2 single shots		6 November, 13:40	
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-5km W	Heard at least 60 bursts and single shots	HMG	6 November, 09:15-09:25
	3-5km WNW	Heard 20 bursts (4 shots each)		6 November, 10:45
		Heard 10 bursts (4 shots each)		6 November, 10:50
		Heard 1 undetermined explosion	N/K	6 November, 11:10

3km NE of Hnutove (government-controlled, 20km NE of Mariupol)	N/K ESE	Heard 12 single shots	HMG	6 November, 09:16-09:26
Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SE	Heard 8 explosions (outgoing)	N/K	6 November, 09:58-10:42
		Heard 2 bursts	Small arms	6 November, 10:45
		Heard 2 explosions (outgoing)	N/K	6 November, 10:54
		Heard 4 explosions (outgoing)	AGL	6 November, 10:55
		Heard 11 explosions (outgoing)	N/K	6 November, 10:55-11:47
		Heard 1 explosion (outgoing)	AGL	6 November, 11:47
		Heard 4 bursts	Small arms	6 November, 11:57
		Heard 8 explosions (outgoing)	N/K	6 November, 12:02
Heard 10 explosions (outgoing)	6 November, 12:21-13:20			
Khreshchatytske (formerly Krasnoarmiiske, "DPR"-controlled, 33km NE of Mariupol)	N/K S	Heard 1 undetermined explosion	N/K	6 November, 10:35
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	1km SSW	Heard 1 explosion (outgoing)	N/K	6 November, 11:35-11:40
		Heard at least 6 single shots	Small arms	
Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	4-5km SSW	Heard 2 bursts	HMG	6 November, 12:29-12:32
		Heard at least 4 single shots	Small arms	
Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	1.5-2km SW	Heard at least 30 bursts	HMG	6 November, 12:58-13:00
		Heard at least 30 bursts	Small arms	
		Heard at least 10 undetermined explosions	N/K	
	10km NNW	Heard 1 undetermined explosion		6 November, 13:27
	3km SE	Heard 8 single shots	Small arms	6 November, 13:31
	3km SW	Heard 10 single shots		6 November, 13:40
	10km WNW	Heard 2 undetermined explosions	N/K	
4km SW	Heard 12 single shots	Small arms	6 November, 13:49	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km ESE	Recorded 1 undetermined explosion	N/K	6 November, 13:24
	6-7km S	Recorded 1 projectile fired E to W		6 November, 16:29
		Recorded 1 projectile fired E to W		6 November, 16:29
	4-5km ESE	Recorded 8 projectiles fired W to E		6 November, 16:46
		Recorded 2 illumination flares		6 November, 16:46
		Recorded 1 undetermined explosion		6 November, 16:47
		Recorded 1 illumination flare		6 November, 16:48
		Recorded 3 projectiles fired E to W		6 November, 16:49
		Recorded 3 projectiles fired E to W		6 November, 16:50
		Recorded 12 projectiles fired W to E		6 November, 16:51
		Recorded 7 projectiles fired E to W		6 November, 16:52
		Recorded 8 projectiles fired W to E		6 November, 16:53
	Recorded 1 undetermined	6 November, 16:54		

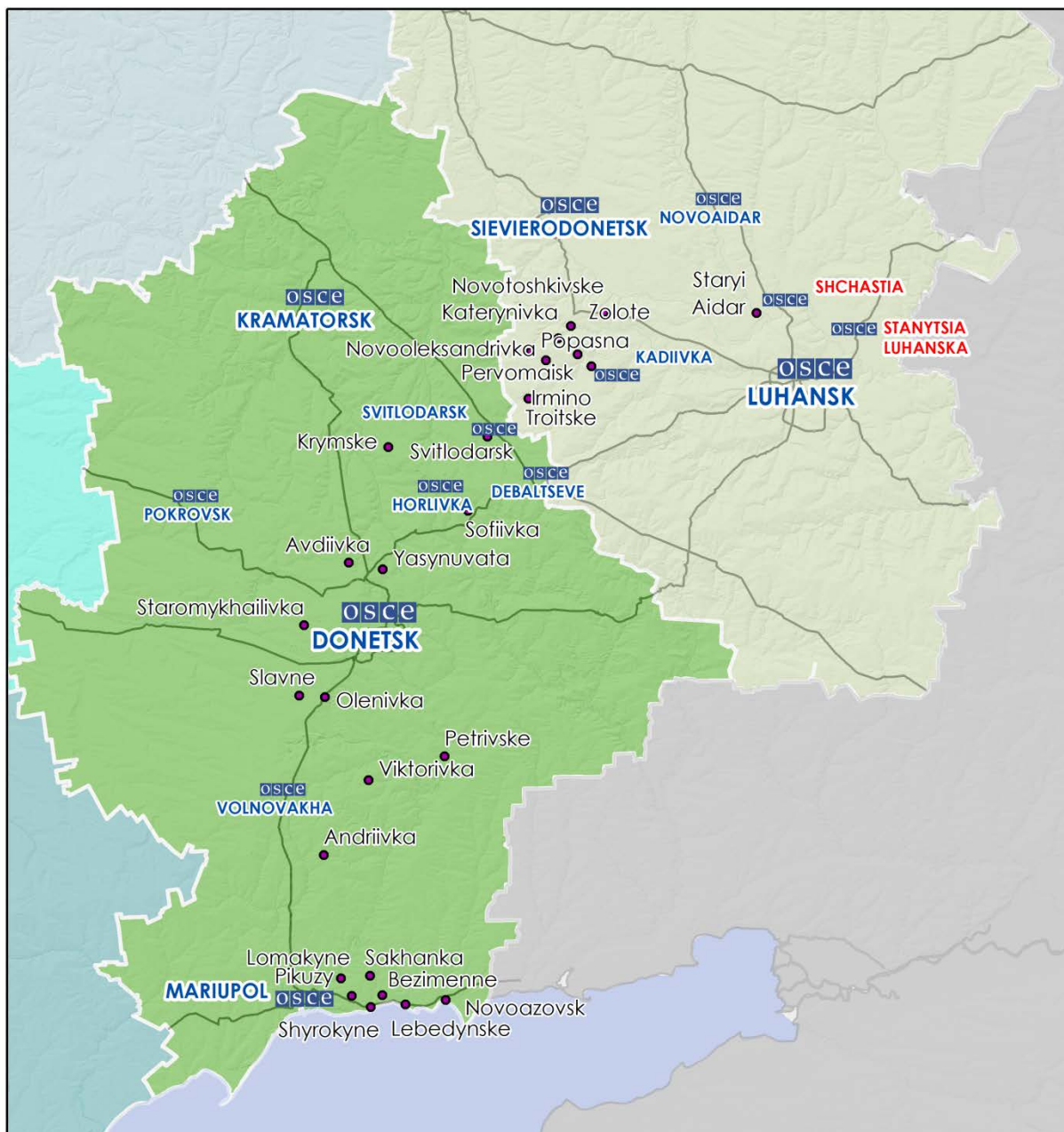
		explosion	N/K		
		Recorded 1 undetermined explosion		6 November, 16:55	
		Recorded 1 undetermined explosion		6 November, 16:56	
		Recorded 1 undetermined explosion		6 November, 16:58	
		Recorded 1 illumination flare		6 November, 16:58	
		Recorded 1 undetermined explosion		6 November, 17:01	
		Recorded 3 projectiles fired W to E		6 November, 17:02	
		Recorded 4 projectiles fired E to W		6 November, 17:02	
		Recorded 2 projectiles fired E to W		6 November, 17:03	
		Recorded 3 projectiles fired W to E		6 November, 17:03	
		Recorded 1 illumination flare		6 November, 17:03	
		Recorded 1 airburst		6 November, 17:04	
		Recorded 3 projectiles fired W to E		6 November, 17:04	
		Recorded 3 projectiles fired W to E		6 November, 17:05	
		2-3km SSE		Recorded 3 illumination flares	6 November, 17:10
				Recorded 1 illumination flare	6 November, 17:11
	4-5km ESE	Recorded 1 undetermined explosion		6 November, 17:11	
		Recorded 2 projectiles fired E to W		6 November, 17:12	
		Recorded 4 undetermined explosions		6 November, 17:12	
		Recorded 1 illumination flare		6 November, 17:12	
	2-3km SSE	Recorded 2 undetermined explosions		6 November, 17:14	
		Recorded 2 illumination flares		6 November, 17:17	
	4-5km ESE	Recorded 2 illumination flares		6 November, 17:18	
		Recorded 1 undetermined explosion		6 November, 17:18	
		Recorded 7 projectiles fired E to W		6 November, 17:19	
		Recorded 2 illumination flares		6 November, 17:19	
	4-5km ESE	Recorded 3 projectiles fired E to W		6 November, 17:20	
	2-3km ESE	Recorded 2 illumination flares		6 November, 17:22	
	4-5km ESE	Recorded 4 projectiles fired N to S		6 November, 17:23	
	2-3km SSE	Recorded 1 illumination flare		6 November, 17:24	
	4-5km ESE	Recorded 1 undetermined explosion		6 November, 17:24	
		Recorded 2 undetermined explosions		6 November, 17:26	
		Recorded 2 undetermined explosions		6 November, 17:27	
		Recorded 7 projectiles fired E to W		6 November, 17:28	
Recorded 2 undetermined explosions		6 November, 17:28			
Recorded 2 undetermined explosions		6 November, 17:29			
Recorded 2 illumination flares		6 November, 17:32			
Recorded 22 projectiles fired E to W		6 November, 17:32			
Recorded 1 undetermined explosion		6 November, 17:34			



		Recorded 1 illumination flare		6 November, 17:34	
		Recorded 11 projectiles fired E to W		6 November, 17:34	
		Recorded 1 undetermined explosion		6 November, 17:36	
		Recorded 1 illumination flare		6 November, 17:36	
		Recorded 4 illumination flares		6 November, 17:37	
		Recorded 1 illumination flare		6 November, 17:38	
		Recorded 2 undetermined explosions		6 November, 17:38	
		Recorded 4 projectiles fired W to E		6 November, 17:39	
		Recorded 1 illumination flare		6 November, 17:40	
		Recorded 1 undetermined explosion		6 November, 17:40	
		Recorded 2 undetermined explosions		6 November, 17:42	
		Recorded 1 undetermined explosion		6 November, 17:45	
		Recorded 3 undetermined explosion		6 November, 17:48	
		Recorded 1 illumination flare		6 November, 18:11	
		Recorded 2 undetermined explosions		6 November, 18:11	
		Recorded 1 undetermined explosion		6 November, 18:12	
Recorded 1 undetermined explosion	6 November, 18:14				
Petrivske ("DPR"-controlled, 41km S of Donetsk)	18km NW (outside DA)	Heard 5 undetermined explosions	N/K	6 November, 14:20-14:30	
Staromykhailivka ("DPR"-controlled, 15km W of Donetsk)	4-6km WSW	Heard 10 undetermined explosions	N/K	6 November, 15:22-15:39	
		Heard 15 bursts	HMG	6 November, 15:42	
Krasnohorivka (government-controlled, 21km W of Donetsk)	3km SW	Heard 7 undetermined explosions	N/K	6 November, 15:26-15:40	
SMM camera at Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk)	2-3km NE	Recorded 2 undetermined projectiles fired from E to W	N/K	6 November, 16:19	
		Recorded 1 undetermined projectile fired from E to W		6 November, 16:20	
		Recorded 1 undetermined projectile fired from E to W		6 November, 16:24	
		Recorded 6 undetermined projectiles fired from E to W		6 November, 16:30	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard 5 undetermined explosions	N/K	6 November, 16:25-16:30	
		Heard 8 undetermined explosions		6 November, 16:31-16:35	
		Heard 7 undetermined explosions		6 November, 16:36-16:43	
	2-3km SSE	Heard 2 explosions (outgoing)	HMG	6 November, 16:44	
		Heard 10 bursts		6 November, 16:47-16:50	
		Heard 9 bursts		6 November, 16:47-16:50	
		Heard 4 bursts		6 November, 16:51-16:55	
		Heard 6 bursts		Anti-aircraft gun (ZU-23-2, 23mm)	6 November, 16:51-16:55
		Heard 2 bursts		Small arms	6 November, 16:51-16:55

		Heard 7 undetermined explosions	N/K	6 November, 16:56
		Heard 7 bursts	HMG	6 November, 16:59-17:03
		Heard 5 bursts	Anti-aircraft gun (ZU-23-2, 23mm)	6 November, 16:59-17:03
		Heard 11 bursts	HMG	6 November, 17:24-17:30
		Heard 5 bursts	Small arms	6 November, 17:24-17:30
	2-3km S	Heard 8 bursts	HMG	6 November, 17:58-18:00
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5km WSW and W	Heard 10 undetermined explosions	Artillery	05 November, 21:15-22:49
	N/K	Heard 4 undetermined explosions		06 November, 01:38-01:52
	N/K W	Heard 30 undetermined explosions		06 November, 4:15-04:40
	3-5km W	Heard 31 explosions (outgoing)		06 November, 05:45-06:30
	More than 10km SW	Heard 31 explosions (impacts)		06 November, 05:45-06:30
	10km WNW	Heard 23 undetermined explosions		06 November, 04:15-04:35
Irmino ("LPR"-controlled, 54km W of Luhansk)	10km SW	Heard 16 undetermined explosions	N/K	06 November, 06:47-06:55
		Heard 10 explosions (impacts)	Artillery	
		Heard 50 undetermined explosions	N/K	
		Heard 40 single shots	Small arms	
1km north-west of Pervomaisk (58km W of Luhansk)	10km W and SW	Heard more than 200 explosions (both incoming and outgoing)	Artillery, mortar and AGL (AGS)	06 November, 07:14-08:15
Zolote (60km W of Luhansk)	0.5km SE	Heard 1 burst (five shots) (outside of the disengagement area)	Small arms	06 November, 13:06
Zolote (60km W of Luhansk)	15km SW	Heard 21 undetermined explosions	Artillery (N/K calibre)	06 November, 13:57-14:47
Luhansk city ("LPR"-controlled)	More than 10km N	Heard 6 undetermined explosions	N/K	06 November, 18:50

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> The SMM is actively 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.)