

**Table of ceasefire violations as of 9 September 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km ESE	Recorded	1	Projectile	N to S	N/K	7-Sep, 20:48
	2-4km SSE		2	Projectile	SW to NE		7-Sep, 22:23
			3	Projectile	SW to NE		7-Sep, 22:24
	2-4km ESE		2	Projectile	NE to SW		8-Sep, 01:23
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km SSW	Recorded	1	Projectile	NW to SE	N/K	7-Sep, 20:36
	1.5-2km SSW		24	Projectile	NW to SE		7-Sep, 20:39
			1	Projectile	NW to SE		7-Sep, 21:31
			3	Projectile	NW to SE		7-Sep, 21:42
			4	Projectile	NW to SE		7-Sep, 22:26
			1	Explosion	Undetermined		7-Sep, 22:37
	2-4km SSW		14	Projectile	NW to SE		7-Sep, 22:52
	1.5-2km SSW		8	Projectile	NW to SE		7-Sep, 22:53
			2	Projectile	NW to SE		8-Aug, 00:06
			3	Projectile	NW to SE		8-Aug, 00:07
			5	Projectile	NW to SE		8-Aug, 02:57
			2	Projectile	NW to SE		8-Aug, 02:58
			6	Projectile	NW to SE		8-Aug, 04:05
	SMM camera 1km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)		1-3km ENE	Recorded	1		Projectile
		2	Explosion		Undetermined		
3-5km E		2	Projectile		N to S	7-Sep, 20:16	
3-5km SE		3	Projectile		S to N	7-Sep, 20:44	
		1	Projectile		S to N	7-Sep, 20:45	
		2	Projectile		S to N	7-Sep, 20:46	
		3	Projectile		S to N	7-Sep, 20:47	
		5	Projectile		S to N	7-Sep, 20:49	
		1	Projectile		S to N	7-Sep, 20:50	
3-5km ESE		2	Projectile		S to N	7-Sep, 21:25	
		2	Projectile		N to S		
3-5km ENE		1	Projectile		S to N	7-Sep, 21:44	
		24	Projectile		N to S	7-Sep, 21:59	
		2	Projectile		N to S	7-Sep, 22:00	
		2	Muzzle flash		Undetermined		
3-5km ESE		1	Muzzle flash		Undetermined	7-Sep, 22:09	
3-5km ENE		5	Projectile		S to N	7-Sep, 22:13	
3-5km ESE		1	Projectile		N to S	7-Sep, 22:20	
3-5km NE		1	Projectile		N to S	7-Sep, 22:25	
3-5km ENE		8	Projectile		S to N	7-Sep, 22:27	

<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.

3-5km NE	Recorded	1	Projectile	N to S	N/K	7-Sep, 22:54
		2	Projectile	N to S		7-Sep, 22:55
		2	Projectile	N to S		7-Sep, 23:03
3-5km ENE		1	Projectile	N to S		7-Sep, 23:04
3-5km E		7	Projectile	N to S		7-Sep, 23:12
3-5km NE		3	Projectile	N to S		7-Sep, 23:13
		2	Projectile	N to S		7-Sep, 23:22
3-5km E		4	Projectile	N to S		7-Sep, 23:23
3-5km NE		1	Projectile	N to S		7-Sep, 23:24
		15	Projectile	S to N		7-Sep, 23:29
3-5km E		2	Projectile	N to S		7-Sep, 23:41
3-5km NE		1	Projectile	N to S		7-Sep, 23:50
3-5km E		3	Projectile	N to S		7-Sep, 23:56
3-5km NE		2	Projectile	N to S		7-Sep, 23:59
3-5km E		1	Projectile	N to S		8-Sep, 00:10
3-5km ENE		10	Projectile	S to N		8-Sep, 00:11
3-5km E		8	Projectile	N to S		8-Sep, 00:12
3-5km ESE		4	Projectile	S to N		8-Sep, 00:52
3-5km E		3	Projectile	N to S		8-Sep, 00:54
3-5km ENE		2	Projectile	N to S		8-Sep, 00:56
3-5km E		6	Projectile	N to S		8-Sep, 00:58
3-5km ENE		2	Projectile	S to N		8-Sep, 00:58
3-5km NE		1	Projectile	N to S		8-Sep, 01:07
3-5km E		7	Projectile	S to N		8-Sep, 01:11
3-5km ENE		8	Projectile	S to N		8-Sep, 01:22
3-5km E		1	Projectile	N to S		8-Sep, 01:28
		2	Projectile	S to N		8-Sep, 01:47
3-5km ESE		1	Projectile	N to S		8-Sep, 02:08
3-5km E		1	Projectile	N to S		8-Sep, 02:09
		2	Explosion	Undetermined		8-Sep, 02:10
		4	Projectile	N to S		8-Sep, 02:12
		2	Projectile	S to N		8-Sep, 02:35
3-5km ENE	1	Projectile	N to S	8-Sep, 03:43		
3-5km E	1	Projectile	N to S	8-Sep, 03:44		
3-5km ENE	2	Projectile	N to S	8-Sep, 04:20		
3-5km E	2	Muzzle flash	Undetermined	8-Sep, 04:23		
3-5km ESE	3	Explosion	Undetermined	8-Sep, 04:30		
3-5km E	7	Projectile	N to S	8-Sep, 04:32		
3-5km E	9	Projectile	N to S			
3-5km ENE	2	Projectile	S to N			
	2	Explosion	Undetermined			
	1	Explosion	Undetermined			

	3-5km ENE	Recorded	2	Explosion	Undetermined	N/K	8-Sep, 04:49
			2	Explosion	Undetermined		8-Sep, 04:50
			1	Projectile	N to S		8-Sep, 04:51
			4	Projectile	S to N		8-Sep, 04:53
			2	Explosion	Undetermined		8-Sep, 04:54
			2	Projectile	N to S		
			2	Explosion	Undetermined		
			2	Projectile	S to N		
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km ENE	Recorded	5	Projectile	WNW to ESE	N/K	7-Sep, 22:30
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2.7-4km S	Recorded	3	Projectile	E to W	N/K	7-Sep, 21:49
	2.5-3km S		1	Projectile	E to W		7-Sep, 23:49
			1	Explosion	Undetermined		
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	7-Sep, 20:19
	3-5km E		21	Projectile	S to N		7-Sep, 21:35
	3-5km ESE		1	Explosion	undetermined		7-Sep, 21:36
	3-5km E		10	Projectile	S to N		7-Sep, 22:05
			7	Projectile	S to N		7-Sep, 22:06
			4	Projectile	S to N		7-Sep, 22:22
	3-5km SE		22	Projectile	S to N		
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	5-8km SSE	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	7-Sep, 22:11
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	4	Shot		Small arms	7-Sep, 19:50
			1	Burst		HMG	7-Sep, 19:51
			3	Shot		Small arms	7-Sep, 20:14
			26	Shot			7-Sep, 20:16-20:19
			1	Explosion	Undetermined		7-Sep, 20:25
			5	Shot		Small arms	7-Sep, 20:26
			32	Shot			7-Sep, 20:47-20:50
			2	Burst		HMG	7-Sep, 20:51
			8	Shot		Small arms	7-Sep, 20:53
			6	Shot			7-Sep, 21:28
			2	Burst		HMG	7-Sep, 21:29
			2	Explosion	Undetermined	Other	7-Sep, 21:30
			1	Burst		HMG	7-Sep, 21:33
			5	Explosion	Outgoing	Other	7-Sep, 21:34-21:37
			8	Shot		Small arms	7-Sep, 21:35
3-4km SE	Heard	4	Shot		Small arms	7-Sep, 21:42	

			2	Explosion	Undetermined	Other	7-Sep, 21:45	
			8	Shot		Small arms	7-Sep, 22:00	
			15	Shot			7-Sep, 22:05	
	3-5km SSE			7	Explosion	Undetermined	N/K	8-Sep, 07:08
				6	Explosion	Undetermined		8-Sep, 07:20
				4	Explosion	Undetermined		8-Sep, 07:46
	4-5km SE			1	Explosion	Undetermined	Small arms	8-Sep, 12:30
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2km SE	Heard	5	Burst		HMG	8-Sep, 08:52-08:55	
			1	Burst		HMG	8-Sep, 09:40	
Mariupol city centre (government-controlled)	E	Heard	6	Explosion	Undetermined	N/K	8-Sep, 18:55-18:57	
Non-government-controlled part of Zaitseve (50km NE of Donetsk)	1km NE	Heard	1	Explosion	Impact	Mortar (type N/K)	8-Aug, 11:48	
	1km NW		2	Burst				
	1km NE		1	Shot		Small arms		
NE edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km ESE	Heard	26	Explosion	Undetermined	N/K	8-Sep, 09:50-10:30	
Inside S edge of Zolote disengagement area (non-government-controlled, 58km NW of Luhansk)	1-1.5km NNW	Heard	12	Shot	Assessed as inside the disengagement area	Small arms	8-Sep, 09:58-10:18	
	1-1.5km N		8	Shot	Assessed as inside the disengagement area		8-Sep, 09:58-10:18	
NW edge of Peredilske (government-controlled, 24km NW of Luhansk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	8-Sep, 12:57	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	9-Sep, 02:35	
			1	Projectile	NNE to SSW		9-Sep, 02:37	
SMM camera at entry-exit checkpoint in Berezove (government-controlled, 31km SW of Donetsk)	1-3km ENE	Recorded	1	Projectile	N to S	N/K	9-Sep, 00:26	
			31	Projectile	N to S		9-Sep, 00:27	
			1	Projectile	WNW to ESE		9-Sep, 03:07	
			4	Projectile	SSW to NNE			
SMM camera at Donetsk Filtration Station (15km)	1.5-2km SSW	Recorded	1	Projectile	NW to SE	N/K	9-Sep, 00:37	
	2-3km SSW		1	Projectile	SE to NW		9-Sep, 00:39	
	1-2km SSW		1	Projectile	NW to SE		9-Sep, 00:54	

N of Donetsk)	1.5-2km SSW		5	Projectile	NW to SE		9-Sep, 00:56
			1	Projectile	NW to SE		9-Sep, 01:01
	1.5-2km SSW	Recorded	1	Projectile	NW to SE	N/K	9-Sep, 01:03
			1	Projectile	NW to SE		9-Sep, 01:05
1-2km SSW	1		Projectile	NW to SE	9-Sep, 01:27		
SMM camera 1km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	1-3km ENE	Recorded	1	Muzzle flash		N/K	8-Sep, 20:39
	1-3km E		2	Projectile	N to S		8-Sep, 22:20
			2	Projectile	N to S		8-Sep, 23:16
			1	Projectile	N to S		8-Sep, 23:50
			2	Projectile	N to S		8-Sep, 23:51
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	5-8km SE	Recorded	2	Projectile	In vertical flight	N/K	8-Sep, 23:47
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Sep, 23:09
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-5km NNE	Recorded	3	Projectile	E to W	N/K	8-Sep, 21:10
			4	Projectile	E to W		8-Sep, 21:54
			3	Projectile	E to W		8-Sep, 22:39
			3	Projectile	W to E		8-Sep, 22:41
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-2km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	8-Sep, 20:24
	4-6km ENE		3	Projectile	ESE to WNW		8-Sep, 20:25
	4-6km E		5	Projectile	N to S		8-Sep, 20:26
			3	Explosion	Undetermined		8-Sep, 20:35
	4-6km ESE		12	Projectile	S to N		8-Sep, 21:16
	6-10km SE		6	Projectile	N to S		8-Sep, 21:17
	10-15km SE		4	Projectile	N to S		8-Sep, 21:22
	15-18km SE		7	Projectile	N to S		8-Sep, 21:23
	6-10km ENE		1	Explosion	Undetermined		8-Sep, 21:24
	15-18km SE		4	Projectile	S to N		8-Sep, 21:34
			2	Projectile	S to N		8-Sep, 21:35
	10-15km ESE		13	Projectile	N to S		8-Sep, 21:36
			3	Projectile	N to S		8-Sep, 22:15
			9	Projectile	N to S		8-Sep, 22:22
	4-6km ESE		4	Projectile	S to N		8-Sep, 22:28
	4-8km ESE		6	Projectile	S to N		
4-8km ESE	1	Projectile	N to S				
	1	Projectile	N to S				
5-8km ESE	1	Explosion	Undetermined				

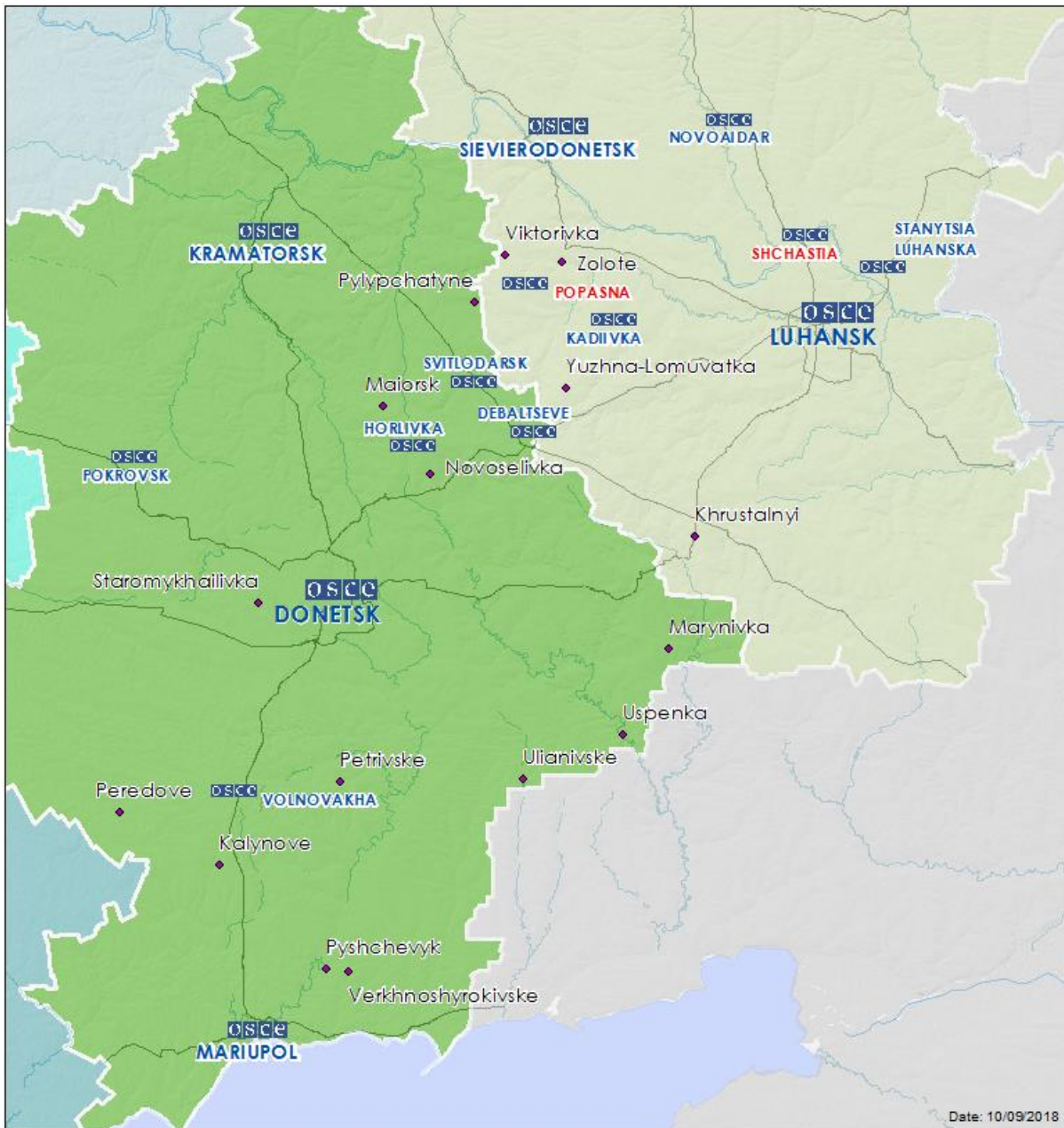
	10-15km SE	Recorded	7	Projectile	N to S	N/K	8-Sep, 22:31
	4-8km ESE		1	Projectile	N to S		8-Sep, 23:04
	4-8km E		1	Explosion	Undetermined		8-Sep, 23:07
	6-10km ESE		2	Explosion	Undetermined		8-Sep, 23:18
	8-10km E		2	Projectile	SE to NW		8-Sep, 23:26
	10-15km ESE		1	Projectile	N to S		8-Sep, 23:37
	10-15km SE		2	Projectile	N to S		8-Sep, 23:38
	10-15km ESE		12	Projectile	S to N		8-Sep, 23:50
	10-15km ESE		1	Projectile	N to S		8-Sep, 23:51
	8-10km ESE		1	Explosion	Undetermined		8-Sep, 23:53
	8-10km ESE		1	Projectile	N to S		8-Sep, 23:56
	8-10km E		3	Projectile	N to S		
	8-10km E		1	Explosion	Outgoing		
	8-10km E		1	Projectile	N to S		
	8-10km E	1	Explosion	Outgoing			
The railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3km W	Heard	1	Explosion	Undetermined	N/K	9-Sep, 09:30
			5	Shot		Small arms	
	3-4km W		1	Explosion	Undetermined	N/K	9-Sep, 09:40
	2-3km WSW		1	Explosion	Undetermined	N/K	9-Sep, 10:58
	5-6km WSW		8	Shot		Small arms	9-Sep, 11:20
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	9-Sep, 11:44
	2-3km SSE		2	Explosion	Undetermined	N/K	9-Sep, 10:55
			2	Explosion	Undetermined	N/K	9-Sep, 10:58
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SSE	Heard	8	Explosion	Undetermined	N/K	8-Sep, 18:59-19:03
			13	Burst		Small arms	8-Sep, 19:07
			2	Explosion	Undetermined	N/K	8-Sep, 19:08
			12	Shot		Small arms	8-Sep, 19:08-19:11
			5	Explosion	Undetermined	N/K	8-Sep, 19:12
			22	Burst		Small arms	8-Sep, 19:12-19:15
			5	Explosion	Undetermined	N/K	8-Sep, 19:17
			6	Shot		IFV (BMP-2)	8-Sep, 19:18
	18	Shot		Small arms	8-Sep, 19:18-19:20		
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	8-Sep, 19:24-19:26
	4-5km SSE	Heard	15	Burst		Small arms	8-Sep, 19:54-19:55
			20	Shot			8-Sep, 20:04
			13	Shot			8-Sep, 20:07-20:08
			4	Burst			8-Sep, 20:18
			17	Shot			8-Sep, 20:20-20:21
	4-6km SE	Heard	16	Explosion	Undetermined	N/K	8-Sep, 20:25-20:27
	4-5km SSE		27	Shot		Small arms	8-Sep, 20:25-20:30
	4-6km SE		7	Explosion	Undetermined	Mortar (type N/K)	8-Sep, 20:41-20:46
	4-6km SSE		22	Shot		Small arms	8-Sep, 20:43-20:49

		8	Burst		HMG	8-Sep, 20:50-20:53
4-5km SSE		13	Shot		Small arms	8-Sep, 20:50-20:54
5-6km SE		8	Explosion	Undetermined	N/K	8-Sep, 21:05-21:08
4-5km SSE		18	Shot		Small arms	8-Sep, 21:05-21:10
		9	Burst		HMG	8-Sep, 21:13
4-5km SE		21	Shot		Small arms	8-Sep, 21:13-21:15
4-5km SSE		1	Explosion	Undetermined	N/K	8-Sep, 21:15
4-5km SE		26	Shot		Small arms	8-Sep, 21:16-21:18
4-5km SE		9	Explosion	Undetermined	N/K	8-Sep, 21:19-21:22
4-5km SSE		12	Burst		HMG	8-Sep, 21:20-21:23
		26	Shot		Small arms	
		11	Shot		IFV (BMP-2)	8-Sep, 21:26-21:27
		23	Shot		Small arms	8-Sep, 21:26-21:28
		26	Burst			8-Sep, 21:33-21:38
4-6km SSE		8	Shot		IFV (BMP-2)	8-Sep, 21:34-21:36
		16	Burst		HMG	8-Sep, 21:34-21:37
4-6km SE		13	Explosion	Undetermined	N/K	8-Sep, 21:40-21:42
4-6km SSE		18	Shot		Small arms	8-Sep, 21:43-21:48
4-6km SE		9	Explosion	Undetermined	N/K	8-Sep, 21:46-21:49
4-5km SSE		12	Burst		Small arms	8-Sep, 21:50-21:51
4-6km SE		4	Explosion	Undetermined	N/K	8-Sep, 21:55
4-5km SSE		17	Burst		Small arms	8-Sep, 21:56-21:58
4-6km SE		11	Explosion	Undetermined	N/K	8-Sep, 22:00-22:08
4-5km SSE		20	Shot		Small arms	8-Sep, 22:01-22:05
		12	Burst			8-Sep, 22:10
		14	Shot			8-Sep, 22:13-22:14
4-6km SE		2	Explosion	Undetermined	N/K	8-Sep, 22:18
4-6km SSE		27	Shot		Small arms	8-Sep, 22:20-22:24
4-6km SE		2	Explosion	Undetermined	N/K	8-Sep, 22:30
4-5km SSE		33	Shot		Small arms	8-Sep, 22:30-22:33
		3	Shot		IFV (BMP-2)	8-Sep, 22:32
4-5km SSE	Heard	24	Burst		Small arms	8-Sep, 22:40-22:43
		30	Shot			8-Sep, 22:48-22:51
		2	Burst		HMG	8-Sep, 22:54
4-6km SE		2	Explosion	Undetermined	N/K	8-Sep, 22:57
4-5km SSE		28	Shot		Small arms	8-Sep, 22:57-23:03
4-6km SE		4	Explosion	Undetermined	N/K	8-Sep, 23:04-23:05
4-6km SSE		3	Shot		IFV (BMP-2)	8-Sep, 23:08
4-5km SSE		23	Shot		Small arms	8-Sep, 23:11-23:14
4-6km SE		3	Explosion	Undetermined	N/K	8-Sep, 23:15-23:17
4-5km SSE		18	Burst		Small arms	8-Sep, 23:16-23:18
		12	Burst			8-Sep, 23:22
		18	Burst			8-Sep, 23:25-23:30
4-6km SE		3	Explosion	Undetermined	N/K	8-Sep, 23:28
4-5km SSE		26	Burst		Small arms	8-Sep, 23:32-23:36

			15	Burst		HMG	8-Sep, 23:34-23:35
	4-6km SE		8	Shot		IFV (BMP-2)	8-Sep, 23:35
	4-5km SSE		12	Shot		Small arms	8-Sep, 23:38-23:40
	4-6km SE		2	Explosion	Undetermined	N/K	8-Sep, 23:42
			2	Explosion	Undetermined		8-Sep, 23:44
	4-5km SE		6	Shot		IFV (BMP-2)	8-Sep, 23:45
			11	Shot		Small arms	8-Sep, 23:45-23:46
	4-5km SSE		15	Burst		N/K	8-Sep, 23:48
	4-6km SE		2	Explosion	Undetermined		8-Sep, 23:49
	4-5km SSE		9	Burst		HMG	8-Sep, 23:50
	4-6km SE		6	Shot		IFV (BMP-2)	8-Sep, 23:51
			4	Explosion	Undetermined	N/K	8-Sep, 23:52-23:54
	4-5km SSE		22	Shot			
	4-5km ESE		35	Shot		Small arms	8-Sep, 23:57-23:59
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	4-6km WSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Sep, 05:36
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	1-2km ESE	Heard	9	Bursts	Assessed as outside the disengagement area	Small arms	9-Sep, 12:04-12:05
E edge of Nyzhnie (government-controlled, 56km NW of Luhansk)	1-2km E	Heard	2	Explosion	Undetermined	N/K	9-Sep, 12:10-12:11



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



<sup>2</sup> 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 based on recommendations of security experts from participating States as well as SMM security considerations).