

Table of ceasefire violations as of 20 August 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Recorded	1	Muzzle flash		N/K	19-Aug, 21:01	
	2-4km SE		1	Explosion	Undetermined		19-Aug, 21:04	
			1	Explosion	Undetermined		19-Aug, 21:06	
			2	Muzzle flash			19-Aug, 21:21	
SMM camera 1km NE of Berezove (government-controlled, 31km SW of Donetsk)	1-2km NE	Recorded	5	Projectile	NNE to SSW	N/K	19-Aug, 23:49	
	1-2km NE	Recorded	6	Projectile	NNE to SSW	N/K	20-Aug, 01:37	
			1	Projectile	NNE to SSW		20-Aug, 01:38	
			2	Projectile	NNE to SSW		20-Aug, 02:10	
			4	Projectile	NNE to SSW		20-Aug, 02:54	
			1	Projectile	NNE to SSW		20-Aug, 02:57	
			2	Projectile	NNE to SSW		20-Aug, 02:58	
			1	Projectile	NNE to SSW		20-Aug, 02:59	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	19-Aug, 20:26	
	1-3km S		3	Projectile	NNE to SSW		19-Aug, 20:51	
	1-3km SSW		4	Projectile	W to E		19-Aug, 20:54	
			5	Projectile	WNW to ESE			
	2-4km SSW		2	Projectile	W to E		19-Aug, 21:04	
			2	Explosion	Undetermined			
	1-3km SSW		3	Explosion	Undetermined		19-Aug, 21:06	
			1	Projectile	NW to SE			
	1-3km S		1	Projectile	NW to SE		19-Aug, 21:09	
			1	Explosion	Undetermined			
	2-4km SSW		1	Explosion	Undetermined		19-Aug, 21:14	
			1	Projectile	W to E			
	1-3km SSW		1	Projectile	In vertical flight		19-Aug, 22:18	
			4	Projectile	WNW to ESE		19-Aug, 22:22	
			1	Explosion	Undetermined			
			1	Projectile	E to W		19-Aug, 22:26	
			7	Muzzle flash				
			4	Muzzle flash			19-Aug, 22:31	
			3	Projectile	NE to SW		19-Aug, 22:59	
	1-3km SSW		Recorded	8	Projectile		NW to SE	19-Aug, 23:00
				2	Projectile		NW to SE	19-Aug, 23:01
				3	Projectile		NW to SE	19-Aug, 23:03
				2	Projectile		NW to SE	19-Aug, 23:04
				3	Projectile		NW to SE	20-Aug, 00:08
				1	Projectile		NW to SE	20-Aug, 00:15
				1	Projectile		NW to SE	20-Aug, 00:17
				2	Projectile		W to E	20-Aug, 00:28
				2	Projectile		NW to SE	20-Aug, 01:08
				1	Explosion		Airburst	20-Aug, 01:35
				1	Projectile		NW to SE	20-Aug, 02:42
	0.5-1.5km SSW		6	Projectile	W to E		20-Aug, 04:47	
	0.5-1.5km SSE		4	Projectile	E to W			
1		Muzzle flash						
1		Explosion	Undetermined					
1-3km SSW	1	Projectile	NE to SW					

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.

SMM camera 1km SW of Pyshchevyk (government- controlled, 25km NE of Mariupol)	0.5-1.5km SSW		4	Projectile	W to E		20-Aug, 04:48
	2-4km E	Recorded	1	Projectile	ESE to WNW	N/K	19-Aug, 20:13
			1	Explosion	Undetermined		19-Aug, 20:32
			1	Projectile	S to N		19-Aug, 20:38
	1		Burst	S to N	19-Aug, 20:39		
	2-4km ESE		1	Projectile	ENE to WSW		19-Aug, 20:40
	2-4km E		2	Projectile	W to E		19-Aug, 20:41
	2-4km ESE		1	Projectile	N to S		19-Aug, 20:46
	2-4km ESE		1	Projectile	S to N		19-Aug, 20:48
	2-4km E		2	Projectile	SW to NE		19-Aug, 20:56
			2	Projectile	SW to NE		19-Aug, 20:57
			1	Projectile	NE to SW		19-Aug, 20:58
	2-4km ENE		2	Muzzle flash			19-Aug, 20:59
	2-4km E		1	Muzzle flash			19-Aug, 21:01
			1	Projectile	S to N		19-Aug, 21:03
		2	Explosion	Undetermined	19-Aug, 21:04		
		3	Projectile	NW to SE	19-Aug, 21:10		
		1	Projectile	S to N	19-Aug, 21:15		
		5	Muzzle flash		19-Aug, 21:16		
		3	Projectile	NW to SE	19-Aug, 21:22		
		1	Muzzle flash		19-Aug, 21:23		
		3	Projectile	NW to SE	19-Aug, 21:27		
		2	Projectile	NW to SE	19-Aug, 21:28		
		3	Projectile	NW to SE	19-Aug, 21:34		
		2	Muzzle flash		19-Aug, 21:57		
		7	Projectile	NW to SE	19-Aug, 21:58		
		1	Projectile	N to S	19-Aug, 22:02		
	1	Muzzle flash		19-Aug, 22:03			
	2-4km ENE	1	Burst	S to N	19-Aug, 22:06		
		2	Projectile	SW to NE	19-Aug, 22:10		
		2	Muzzle flash		19-Aug, 22:25		
	2-4km E	1	Projectile	NW to SE	19-Aug, 22:28		
		2	Projectile	NW to SE	19-Aug, 22:30		
	2-4km ESE	1	Projectile	W to E	19-Aug, 22:40		
	2-4km E	1	Muzzle flash		19-Aug, 22:48		
		1	Projectile	NW to SE	19-Aug, 23:00		
		1	Projectile	W to E	19-Aug, 23:01		
	2-4km ENE	2	Muzzle flash		19-Aug, 23:06		
	2-4km E	3	Projectile	N to S	19-Aug, 23:10		
	2-4km E	1	Burst	SW to NE	19-Aug, 23:22		
	2-4km E	2	Projectile	N to S	19-Aug, 23:32		
2-4km ENE	2	Muzzle flash					
2-4km ENE	8	Projectile	S to N				
2-4km ESE	3	Projectile	N to S				
2-4km E	1	Burst	S to N				
		Recorded			N/K		

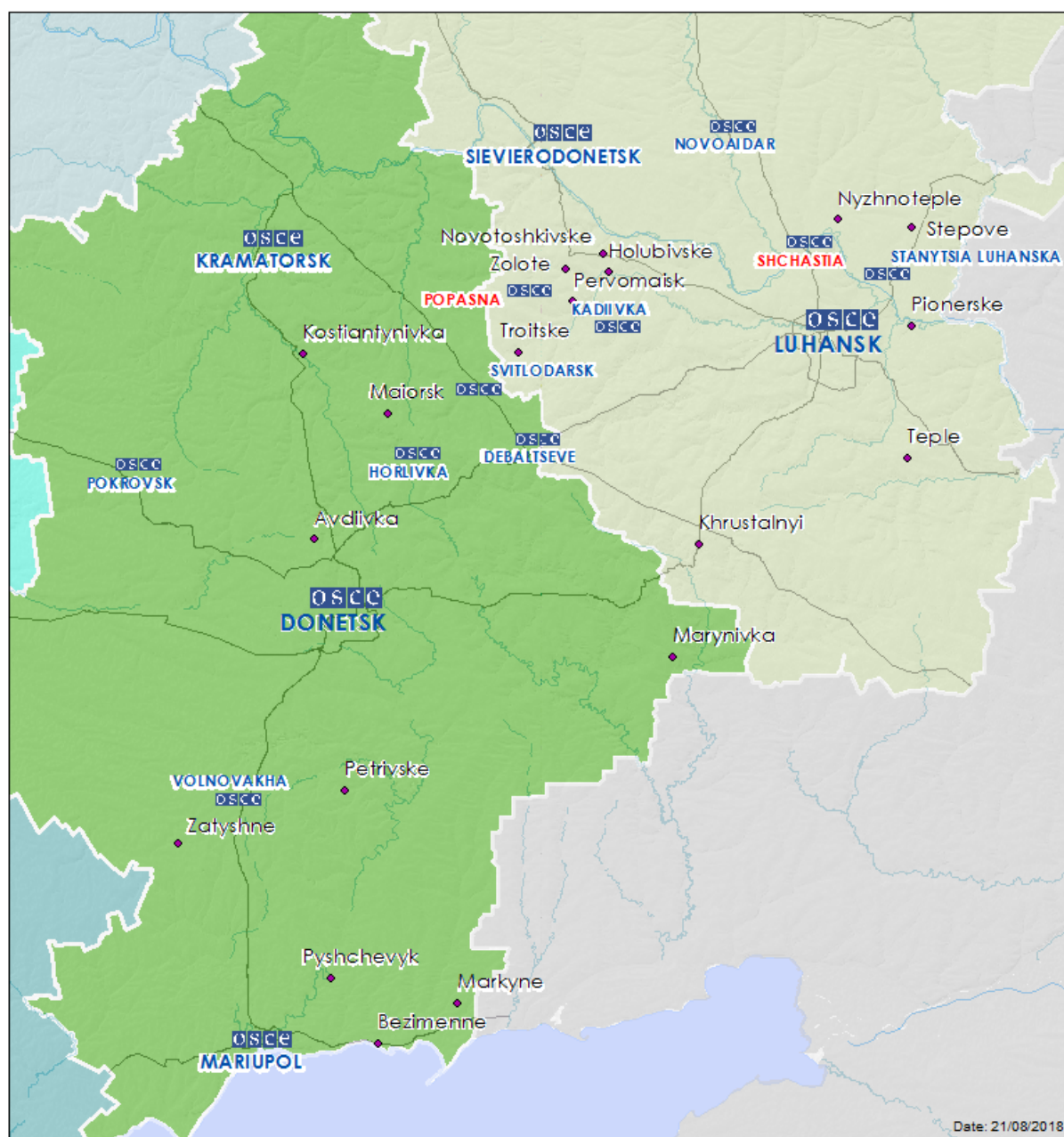
2-4km ENE	8	Projectile	N to S	19-Aug, 23:37
2-4km E	1	Projectile	W to E	19-Aug, 23:39
2-4km ENE	1	Burst	SSW to NNE	19-Aug, 23:43
2-4km E	4	Projectile	N to S	19-Aug, 23:48
2-4km ENE	1	Burst	S to N	19-Aug, 23:50
2-4km ENE	4	Projectile	NW to SE	20-Aug, 00:07
2-4km E	11	Projectile	NW to SE	20-Aug, 00:18
2-4km E	7	Projectile	N to S	20-Aug, 00:19
2-4km ENE	7	Projectile	NW to SE	20-Aug, 00:20
2-4km ENE	1	Projectile	NW to SE	20-Aug, 00:39
2-4km E	1	Muzzle flash		20-Aug, 00:52
2-4km ENE	8	Projectile	NW to SE	20-Aug, 00:56
2-4km E	1	Muzzle flash		20-Aug, 00:57
2-4km ENE	7	Projectile	N to S	20-Aug, 01:00
2-4km ENE	20	Projectile	NW to SE	20-Aug, 01:06
2-4km ENE	8	Projectile	S to N	20-Aug, 01:08
2-4km ENE	2	Muzzle flash		20-Aug, 01:09
2-4km ENE	8	Projectile	N to S	20-Aug, 01:29
2-4km ENE	1	Muzzle flash		20-Aug, 01:30
2-4km ENE	4	Projectile	NW to SE	20-Aug, 01:31
2-4km ENE	2	Explosion	Undetermined	20-Aug, 01:33
2-4km ENE	21	Projectile	NW to SE	20-Aug, 02:32
2-4km ENE	1	Muzzle flash		20-Aug, 02:55
2-4km ENE	1	Projectile	NW to SE	20-Aug, 03:33
2-4km ENE	1	Explosion		20-Aug, 03:34
2-4km ENE	6	Projectile	NW to SE	20-Aug, 03:35
2-4km ENE	9	Projectile	NW to SE	20-Aug, 03:51
2-4km ENE	25	Projectile	NW to SE	
2-4km ENE	10	Projectile	NW to SE	
2-4km ENE	2	Projectile	S to N	
2-4km ENE	8	Projectile	S to N	
2-4km ENE	2	Projectile	NW to SE	
2-4km ENE	1	Muzzle flash		
2-4km ENE	1	Projectile	S to N	
2-4km ENE	1	Muzzle flash		
2-4km ENE	4	Projectile	S to N	
2-4km ENE	7	Projectile	NW to SE	
2-4km ENE	1	Projectile	N to S	
2-4km ENE	4	Projectile	SW to NE	
2-4km ENE	5	Projectile	NW to SE	
2-4km ENE	1	Projectile	W to E	
2-4km ENE	1	Muzzle flash		
2-4km ENE	1	Projectile	S to N	
2-4km ENE	4	Projectile	S to N	
2-4km ENE	1	Projectile	WSW to ENE	20-Aug, 04:18

SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km E	Recorded	3	Projectile	SSE to NNW	N/K	19-Aug, 21:14
			1	Burst	NNW to SSE		19-Aug, 21:17
	1		Muzzle flash		19-Aug, 21:40		
	1		Projectile	NNW to SSE	19-Aug, 22:11		
	1-2km SE		3	Projectile	NNE to SSW		20-Aug, 02:38
	1-3km S		3	Muzzle flash			20-Aug, 02:39
			2	Muzzle flash			20-Aug, 02:40
			3	Muzzle flash			20-Aug, 02:42
2		Muzzle flash					
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NNE	Recorded	1	Projectile	WSW to ENE	N/K	19-Aug, 20:40
	2-4km NE		2	Projectile	N to S		19-Aug, 23:49
			1	Projectile	NNW to SSE		20-Aug, 00:53
	2-4km ENE		1	Projectile	NNW to SSE		20-Aug, 00:56
	2-4km NE		1	Muzzle flash			20-Aug, 00:56
			5	Muzzle flash			20-Aug, 00:57
	2-4km ENE		1	Muzzle flash			20-Aug, 01:06
			2	Muzzle flash			20-Aug, 01:09
4	Projectile	SW to NE	20-Aug, 04:26				
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km SE	Recorded	1	Projectile	SSW to NNE	N/K	19-Aug, 20:47
			1	Projectile	In vertical flight		19-Aug, 20:54
	2		Projectile	S to N	19-Aug, 21:16		
	3		Projectile	SSW to NNE	19-Aug, 21:19		
	4		Projectile	N to S	19-Aug, 21:32		
	2		Projectile	N to S	19-Aug, 21:33		
	1-2km SE	1	Projectile	NW to SE	19-Aug, 21:40		
	1-2km SE	1	Projectile	SE to NW	N/K	19-Aug, 21:40	
	2-4km E	1	Projectile	N to S	N/K		
	2-4km SE	2	Projectile	SW to NE	N/K	19-Aug, 21:41	
		1	Projectile	In vertical flight	N/K		
	1-2km SE	1	Projectile	S to N	N/K	19-Aug, 21:42	
	1-2km SE	1	Projectile	WNW to ESE	N/K	19-Aug, 21:44	
	2-4km E	3	Projectile	S to N	N/K		
	2-4km E	1	Projectile	N to S	N/K	19-Aug, 21:50	
	2-4km SE	6	Projectile	S to N	N/K	19-Aug, 21:55	
	2-4km E	1	Illumination flare	In vertical flight	N/K	19-Aug, 21:59	
	2-4km E	4	Projectile	N to S	N/K	19-Aug, 22:01	
	2-4km E	7	Projectile	N to S	N/K	19-Aug, 22:02	
	2-4km E	2	Projectile	N to S	N/K	19-Aug, 22:03	
2-4km E	1	Explosion	Undetermined	N/K	19-Aug, 22:12		
2-4km ENE	3	Projectile	N to S	N/K			
2-4km ENE	2	Projectile	N to S	N/K	19-Aug, 22:13		
2-4km ENE	2	Projectile	N to S	N/K	19-Aug, 22:14		
2-4km ENE	10	Projectile	S to N	N/K			
1-2km SE	1	Projectile	SW to NE	N/K	19-Aug, 22:15		
1-2km SE	24	Projectile	SW to NE	Anti-aircraft cannon (ZU-23, 23mm)	19-Aug, 22:19		
1-2km E	7	Explosion	Impacts; subsequent to the previous event				

	2-4km ENE		3	Projectile	SW to NE	N/K	
	2-4km E		5	Projectile	N to S	N/K	19-Aug, 22:36
	2-4km E		1	Explosion	Undetermined	N/K	
	2-4km E		3	Projectile	N to S	N/K	19-Aug, 22:43
	2-4km E		3	Projectile	N to S	N/K	19-Aug, 22:46
	2-4km E		2	Projectile	N to S	N/K	19-Aug, 22:53
	2-4km ENE		2	Projectile	N to S	N/K	19-Aug, 23:02
	2-4km ENE		3	Projectile	N to S	N/K	19-Aug, 23:03
	2-4km E		1	Illumination flare	In vertical flight	N/K	
	1-3km E		2	Explosion	Undetermined	N/K	19-Aug, 23:06
	2-4km E		3	Projectile	SW to NE	N/K	
			2	Projectile	N to S	N/K	
			2	Burst	S to N	N/K	
	1-2km ESE		7	Projectile	SE to NW	Anti-aircraft cannon (ZU-23, 23mm)	19-Aug, 23:18
	2-4km SE		1	Projectile	SE to NW		19-Aug, 23:20
	2-4km E		1	Explosion	Undetermined		19-Aug, 23:22
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight		20-Aug, 00:08
			7	Projectile	NNW to SSE	N/K	20-Aug, 00:09
	2-4km SE		2	Projectile	N to S		20-Aug, 00:23
			1	Projectile	N to S		20-Aug, 00:24
			3	Projectile	SSW to NNE		20-Aug, 03:08
	2-4km ESE		2	Burst	N to S		20-Aug, 04:11
			1	Explosion	Undetermined		20-Aug, 04:13
			1	Projectile	S to N		
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km NE		1	Muzzle flash			19-Aug, 20:25
			1	Explosion	Undetermined		19-Aug, 20:40
	3-5km E		1	Projectile	NW to SE		19-Aug, 20:54
			1	Explosion	Undetermined		19-Aug, 21:12
			1	Explosion	Undetermined		19-Aug, 21:14
			1	Explosion	Undetermined		19-Aug, 21:27
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	19-Aug, 21:28
			1	Explosion	Undetermined		19-Aug, 21:35
			1	Explosion	Undetermined		19-Aug, 21:41
			1	Illumination flare	In vertical flight		19-Aug, 22:18
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km SE		1	Projectile	NE to SW		19-Aug, 20:39
			2	Projectile	NE to SW		19-Aug, 20:41
			1	Projectile	NE to SW		19-Aug, 22:03
			5	Projectile	W to E		19-Aug, 22:52
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	19-Aug, 23:36
			2	Explosion	Undetermined		19-Aug, 23:49
	2-4km SE		2	Projectile	W to E		19-Aug, 23:51
			3	Projectile	E to W		
			2	Projectile	W to E		20-Aug, 00:53
	2-4km SSE		1	Explosion	Undetermined		20-Aug, 01:58
		2	Projectile	W to E		20-Aug, 01:59	
2-4km SSE	Recorded	4	Projectile	W to E			
		2	Projectile	W to E	N/K	20-Aug, 02:00	
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-4km N		1	Projectile	NE to SW		19-Aug, 21:09
	2-4km ENE		1	Explosion	Undetermined		19-Aug, 21:09
	2-4km NE	Recorded	1	Projectile	NE to SW	N/K	19-Aug, 22:51
	1-2km N		1	Explosion	Undetermined		19-Aug, 23:19
1.1km NW of	2-3km SW	Heard	2	Shot		Small	20-Aug, 11:27

the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard and saw	16	Shot		arms	20-Aug, 11:40-11:45
			1	Explosion	Undetermined	N/K	20-Aug, 13:19
			2	Explosion	Undetermined		20-Aug, 14:44-14:47
	2		Explosion	Undetermined	20-Aug, 14:53		
2km W	1	Explosion	Impact			20-Aug, 14:57	
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	20-Aug, 11:50-11:56
Horlivka (non-government-controlled, 39km NE of Donetsk)	8-10km NE	Heard	1	Explosion	Undetermined	N/K	20-Aug, 06:15
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	20-Aug, 10:50
	3-4km SE		1	Explosion	Undetermined		20-Aug, 13:35
			2	Explosion	Undetermined		20-Aug, 15:45
1.6km SSE of Kamiianka (government-controlled, 20km N of Donetsk)	1-2km E	Heard	2	Shot		Small arms	20-Aug, 13:15
	1-2km SE		2	Explosion		N/K	20-Aug, 14:50
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km S	Heard	1	Shot	Unable to assess whether inside the disengagement area or outside	N/K	19-Aug, 21:55
Obozne (non-government-controlled, 18km N of Luhansk)	5km E	Heard	1	Explosion	Undetermined	N/K	20-Aug, 12:30
0.5km S of Holubivske (non-government-controlled, 51km W of Luhansk)	6-8km NE	Heard	7	Explosion	Undetermined	N/K	20-Aug, 12:45-12:50
NE outskirts of Raivka (non-government-controlled, 16km NW of Luhansk)	5km NW	Heard	1	Explosion	Undetermined	N/K	20-Aug, 13:48
0.6km NNW of Stanytsia Luhanska bridge (government-controlled, 15km NE of Luhansk)	3-4km NW	Heard	18	Explosion	Impact; assessed as outside the disengagement area.	N/K	20-Aug, 13:50-14:11

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 based on recommendations of security experts from participating States as well as SMM security considerations).