

Table of ceasefire violations as of 12 July 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 20:59
	4-6km SSE	Recorded	5	Projectile	ENE to WSW	N/K	11-Jul, 21:02
	4-6km SSE	Recorded	20	Projectile	ENE to WSW	N/K	11-Jul, 21:06
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:06
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:06
	0.5-1km S	Recorded	7	Projectile	WNW to ESE	N/K	11-Jul, 21:09
	0.5-1km S	Recorded	15	Projectile	WNW to ESE	N/K	11-Jul, 21:10
	0.5-1km S	Recorded	10	Projectile	WNW to ESE	N/K	11-Jul, 21:11
	4-6km SSE	Recorded	9	Projectile	WSW to ENE	N/K	11-Jul, 21:12
	4-6km SSE	Recorded	7	Projectile	WSW to ENE	N/K	11-Jul, 21:13
	5-7km S	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:13
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:14
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:14
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	11-Jul, 21:15
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:15
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:16
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:16
	4-6km SSE	Recorded	1	Burst		N/K	11-Jul, 21:16
	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Jul, 21:17
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:18
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:18
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:19
	4-6km SSE	Recorded	1	Burst		N/K	11-Jul, 21:19
	4-6km SSE	Recorded	8	Projectile	WSW to ENE	N/K	11-Jul, 21:20
	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Jul, 21:21
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:21
	4-6km SSE	Recorded	1	Burst		N/K	11-Jul, 21:23
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:23
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:25
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:25
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:26
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:26
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:27
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:27
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:28
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:30
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:30
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	11-Jul, 21:31
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:32
4-6km SSE	Recorded	40	Projectile	ENE to WSW	N/K	11-Jul, 21:32	
4-6km SSE	Recorded	30	Projectile	WSW to ENE	N/K	11-Jul, 21:36	
4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:36	
4-6km SSE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:36	
4-6km SSE	Recorded	2	Explosion	Undetermined	N/K	11-Jul, 21:37	
4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:37	
4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:41	
4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 21:43	
4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	11-Jul, 21:44	
5-7km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44	

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.

	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:45
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:45
	4-6km SSE	Recorded	3	Projectile	ENE to WSW	N/K	11-Jul, 21:45
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	11-Jul, 21:46
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:47
	5-7km S	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:47
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	11-Jul, 21:48
	5-7km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:48
	4-6km SSE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:50
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:50
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:54
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 21:55
	0.5-1km S	Recorded	3	Projectile	WNW to ESE	N/K	11-Jul, 22:41
	4-6km S	Recorded	2	Muzzle flash		N/K	11-Jul, 22:41
	4-6km SSE	Recorded	1	Muzzle flash		N/K	11-Jul, 23:01
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Jul, 23:01
	5-7km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:05
	4-6km SSE	Recorded	5	Projectile	ENE to WSW	N/K	11-Jul, 23:28
	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Jul, 23:31
	9-12km S	Recorded	1	Explosion	Undetermined, also recorded by Pyshevyk camera	N/K	12-Jul, 00:09
	9-12km S	Recorded	1	Explosion	Undetermined, also recorded by Pyshevyk camera	N/K	12-Jul, 00:11
	9-12km S	Recorded	3	Explosion	Undetermined	N/K	12-Jul, 00:14
	9-12km SSE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:24
	9-12km S	Recorded	2	Projectile	In vertical flight	N/K	12-Jul, 01:24
	9-12km S	Recorded	1	Projectile	W to E (also recorded by Pyshevyk camera)	N/K	12-Jul, 01:24
	9-12km S	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:24
	9-12km S	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:25
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 21:57
	1-2km SSW	Recorded	1	Projectile	SSE to NNW	N/K	11-Jul, 21:57
	1-2km SSW	Recorded	7	Projectile	WNW to ESE	N/K	11-Jul, 22:32
	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 23:16
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	11-Jul, 23:18
	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	12-Jul, 01:50
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1-3km ENE	Recorded	1	Projectile	NNW to SSE	N/K	11-Jul, 21:17
	1-3km ENE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
	1-3km ENE	Recorded	2	Projectile	WNW to ESE	N/K	11-Jul, 21:18
	1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:25
	1-3km E	Recorded	1	Muzzle flash		N/K	11-Jul, 21:25
	1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:28
	1-3km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:28
	1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:31
	1-3km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:31
	1-3km ENE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:31
	1-3km ENE	Recorded	2	Projectile	WNW to ESE	N/K	11-Jul, 21:37
	1-3km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:37
	1-3km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:41
	1-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	11-Jul, 21:46
	1-3km ESE	Recorded	12	Projectile	SW to NE	N/K	11-Jul, 21:46
	1-3km ENE	Recorded	3	Projectile	WNW to ESE	N/K	11-Jul, 21:47
	1-3km ESE	Recorded	5	Projectile	SW to NE	N/K	11-Jul, 21:47
	1-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	11-Jul, 21:48
	1-3km ENE	Recorded	4	Projectile	WNW to ESE	N/K	11-Jul, 21:49
	1-3km ENE	Recorded	1	Explosion	Impact	N/K	11-Jul, 21:49
1-3km E	Recorded	1	Projectile	In vertical flight	N/K	11-Jul, 21:49	
1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:50	

	1-3km ENE	Recorded	1	Projectile	WNW to ESE	N/K	11-Jul, 21:51
	4-7km ENE	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:24
	4-7km ESE	Recorded	11	Projectile	SW to NE	N/K	12-Jul, 01:24
	4-7km ESE	Recorded	5	Projectile	SW to NE	N/K	12-Jul, 01:25
	4-7km ESE	Recorded	7	Projectile	SW to NE	N/K	12-Jul, 01:28
	4-7km ESE	Recorded	1	Projectile	In vertical flight	N/K	12-Jul, 01:29
	4-7km E	Recorded	1	Projectile	W to E	N/K	12-Jul, 01:30
	4-7km E	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:30
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:17
	2-4km ENE	Recorded	1	Muzzle flash		N/K	11-Jul, 21:17
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:18
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:19
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:23
	2-4km NE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:25
	2-4km ENE	Recorded	3	Muzzle flash		N/K	11-Jul, 21:30
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:36
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Projectile	SW to NE	N/K	11-Jul, 22:33
	1-3km E	Recorded	4	Projectile	SW to NE	N/K	11-Jul, 22:34
	1-3km ENE	Recorded	7	Projectile	N to S	N/K	11-Jul, 22:35
	1-3km E	Recorded	4	Projectile	N to S	N/K	11-Jul, 23:09
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	0.5-1km NNE	Recorded	1	Projectile	ESE to WNW	N/K	11-Jul, 22:26
	2-3km N	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:26
	2-3km NNE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:27
	2-3km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 22:27
	2-3km NNE	Recorded	2	Muzzle flash		N/K	11-Jul, 22:27
	0.5-1km NNE	Recorded	1	Projectile	ESE to WNW	N/K	11-Jul, 22:27
	2-3km NNE	Recorded	4	Projectile	E to W	N/K	11-Jul, 22:29
	0.5-1km N	Recorded	1	Projectile	ESE to WNW	N/K	12-Jul, 01:09
	2-3km NNE	Recorded	2	Projectile	W to E	N/K	12-Jul, 01:56
	2-3km NNE	Recorded	1	Projectile	In vertical flight	N/K	12-Jul, 01:56
	2-3km NNE	Recorded	3	Projectile	W to E	N/K	12-Jul, 02:19
	2-3km NNE	Recorded	4	Projectile	WNW to ESE	N/K	12-Jul, 02:20
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-4km NE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:41
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Projectile	NE to SW	N/K	11-Jul, 20:50
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 20:58
	2-4km S	Recorded	5	Projectile	E to W	N/K	11-Jul, 21:02
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:02
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:02
	2-4km S	Recorded	4	Projectile	E to W	N/K	11-Jul, 21:03
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:03
	2-4km S	Recorded	3	Projectile	E to W	N/K	11-Jul, 21:04
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:06
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:07
	2-4km S	Recorded	1	Projectile	E to W	N/K	11-Jul, 21:07
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:13
	2-4km S	Recorded	2	Projectile	NW to SE	N/K	11-Jul, 21:14
	2-4km S	Recorded	3	Projectile	W to E	N/K	11-Jul, 21:16
	2-4km S	Recorded	8	Projectile	W to E	N/K	11-Jul, 21:17
	2-4km S	Recorded	2	Projectile	NE to SW	N/K	11-Jul, 21:19
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:19
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:20
	2-4km S	Recorded	10	Projectile	W to E	N/K	11-Jul, 21:21
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:27
2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:27	
2-4km S	Recorded	6	Projectile	NW to SE	N/K	11-Jul, 21:30	

	2-4km S	Recorded	1	Projectile	E to W	N/K	11-Jul, 21:36
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:36
	2-4km S	Recorded	9	Projectile	N to S	N/K	11-Jul, 21:37
	2-4km S	Recorded	2	Projectile	E to W	N/K	11-Jul, 21:37
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:37
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:38
	2-4km S	Recorded	2	Projectile	E to W	N/K	11-Jul, 21:38
	2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 21:38
	2-4km S	Recorded	6	Projectile	E to W	N/K	11-Jul, 21:39
	2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 21:39
	2-4km S	Recorded	2	Projectile	W to E	N/K	11-Jul, 21:39
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:43
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:44
	2-4km S	Recorded	1	Projectile	N to S	N/K	11-Jul, 21:44
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:44
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:45
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:45
	2-4km SSE	Recorded	16	Projectile	W to E	N/K	11-Jul, 21:46
	2-4km SSE	Recorded	4	Muzzle flash		N/K	11-Jul, 21:46
	2-4km S	Recorded	13	Projectile	W to E	N/K	11-Jul, 21:47
	2-4km S	Recorded	2	Projectile	N to S	N/K	11-Jul, 21:47
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	11-Jul, 21:48
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 21:48
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 21:49
	2-4km S	Recorded	1	Projectile	N to S	N/K	11-Jul, 22:01
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 22:21
	2-4km S	Recorded	11	Projectile	NNE to SSW	N/K	11-Jul, 22:33
	2-4km S	Recorded	6	Projectile	NNW to SSE	N/K	11-Jul, 22:37
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 22:55
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Jul, 23:01
	2-4km S	Recorded	2	Projectile	NW to SE	N/K	11-Jul, 23:01
	2-4km S	Recorded	2	Projectile	NE to SW	N/K	11-Jul, 23:02
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:03
	2-4km S	Recorded	4	Projectile	N to S	N/K	11-Jul, 23:05
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	11-Jul, 23:05
	2-4km S	Recorded	4	Projectile	W to E	N/K	11-Jul, 23:12
	2-4km S	Recorded	2	Projectile	N to S	N/K	11-Jul, 23:15
	2-4km S	Recorded	1	Projectile	W to E	N/K	11-Jul, 23:15
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	11-Jul, 23:27
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	11-Jul, 23:52
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	11-Jul, 23:58
	3-6km S	Recorded	1	Explosion	Undetermined, also recorded by Chermalyk camera	N/K	12-Jul, 00:09
	2-4km S	Recorded	1	Explosion	Undetermined, also recorded by Chermalyk camera	N/K	12-Jul, 00:11
	2-4km S	Recorded	8	Projectile	W to E	N/K	12-Jul, 00:50
	2-4km S	Recorded	10	Projectile	W to E	N/K	12-Jul, 00:51
	2-4km SSW	Recorded	1	Muzzle flash		N/K	12-Jul, 00:51
	2-4km S	Recorded	9	Projectile	W to E	N/K	12-Jul, 00:52
	2-4km S	Recorded	1	Projectile	N to S	N/K	12-Jul, 00:52
	2-4km SSE	Recorded	4	Explosion	Airburst	N/K	12-Jul, 01:14
	2-4km SSE	Recorded	11	Projectile	W to E	N/K	12-Jul, 01:15
	2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:16
	2-4km SSE	Recorded	1	Projectile	W to E (also recorded by Chermalyk camera)	N/K	12-Jul, 01:24

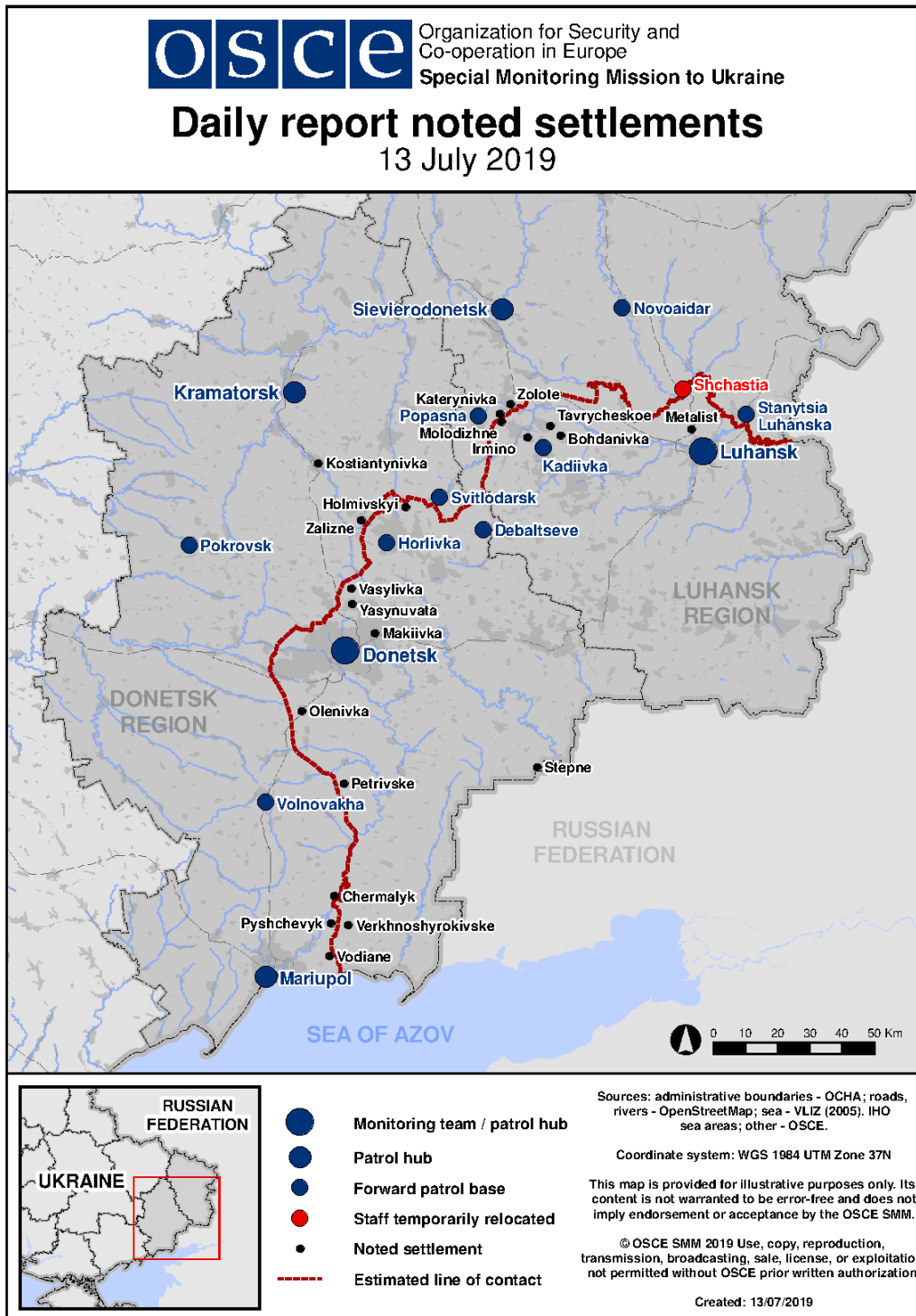
	2-4km SSE	Recorded	1	Muzzle flash		N/K	12-Jul, 01:24
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	12-Jul, 01:24
	2-4km SSE	Recorded	2	Projectile	NNW to SSE	N/K	12-Jul, 01:24
	2-4km SSE	Recorded	1	Muzzle flash		N/K	12-Jul, 01:25
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	12-Jul, 01:25
	2-4km S	Recorded	14	Projectile	W to E	N/K	12-Jul, 01:28
	2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:28
	2-4km S	Recorded	3	Projectile	W to E	N/K	12-Jul, 01:29
	2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 01:29
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	12-Jul, 01:30
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:30
	2-4km S	Recorded	3	Projectile	W to E	N/K	12-Jul, 02:29
	2-4km S	Recorded	1	Projectile	N to S	N/K	12-Jul, 02:29
	2-4km S	Recorded	1	Projectile	W to E	N/K	12-Jul, 03:39
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 09:08
	2-4km E	Heard	3	Explosion	Undetermined	N/K	12-Jul, 09:13-09:15
	1-2km SE	Heard	1	Shot		Small arms	12-Jul, 09:55
	2-3km SE	Heard	5	Explosion	Outgoing	N/K	12-Jul, 10:05-10:06
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 13:18
	2-3km SSE	Heard	2	Explosion	Undetermined	N/K	12-Jul, 13:30
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:25
	1km S	Heard	1	Shot		Small arms	12-Jul, 14:28
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:35
	1-2km SSW	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:36
	4-5km SSE	Heard	1	Explosion	Impact	N/K	12-Jul, 14:36
	1-2km SSW	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:39
	4-5km SSE	Heard	1	Explosion	Impact	N/K	12-Jul, 14:39
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:40
	3-5km SSE	Heard	1	Explosion	Outgoing	N/K	12-Jul, 14:42
	1-2km SSW	Heard	1	Explosion	Impact	N/K	12-Jul, 14:42
	3-4km S	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:43
3-4km SSW	Heard	3	Burst		HMG	12-Jul, 14:53	
2-3km S	Heard	2	Burst		HMG	12-Jul, 14:55	
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	5	Explosion	Undetermined	N/K	12-Jul, 10:04-10:06
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 09:09
	2-3km WNW	Heard	3	Burst		HMG	12-Jul, 09:13-09:15
	3-4km WNW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 12:01
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:02
	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:18
	5-6km WSW	Heard	3	Explosion	Undetermined	N/K	12-Jul, 14:36
	4-5km WSW	Heard	6	Explosion	Undetermined	N/K	12-Jul, 14:39-14:43
	4-5km WSW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:45
	1-2km WNW	Heard	3	Burst		Small arms	12-Jul, 14:52
	1-2km WNW	Heard	3	Shot		Small arms	12-Jul, 14:52
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 14:57
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	1-2km SW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 10:47
Trudivski area of Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1-2km SW	Heard	4	Shot		Small arms	12-Jul, 12:19-12:21
Olenivka (non-government-controlled, 23km	0.5-1km SE	Heard	2	Burst		HMG	12-Jul, 11:44

SW of Donetsk)								
Pavlopil (government-controlled, 26km NE of Mariupol)	N/K NE	Heard	4	Explosion	Undetermined	N/K	12-Jul, 11:25-11:26	
	2km E	Heard and saw	5	Explosion	Impact	N/K	12-Jul, 11:25-11:26	
0.5km SSW of Orlivske (government-controlled, 23km NE of Mariupol)	N/K ESE	Heard	1	Explosion	Undetermined	N/K	12-Jul, 12:40	
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:06	
	3-5km SSE	Heard	47	Burst		HMG	11-Jul, 19:25-19:30	
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:26	
	3-5km SSE	Heard	32	Shot		Small arms	11-Jul, 19:23-19:30	
	3-5km SSE	Heard	170	Burst		HMG	11-Jul, 19:31-19:38	
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:37	
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 19:40-19:45	
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 19:55-20:00	
	3-5km SSE	Heard	8	Explosion	Undetermined	N/K	11-Jul, 20:02-20:12	
	3-5km SSE	Heard	12	Explosion	Undetermined	N/K	11-Jul, 20:14-20:19	
	3-5km SSE	Heard	75	Burst		HMG	11-Jul, 20:10-20:20	
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Jul, 20:22-20:25	
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Jul, 20:32-20:40	
	3-5km SSE	Heard	13	Burst		HMG	11-Jul, 20:25-20:32	
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 20:45-20:47	
	5-10km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:00	
	3-5km SSE	Heard	8	Burst		HMG	11-Jul, 23:02-23:05	
	3-5km SSE	Heard	6	Shot		Small arms	11-Jul, 23:02-23:05	
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	11-Jul, 23:08	
	3-5km SSE	Heard	11	Burst		HMG	11-Jul, 23:15	
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:24	
	3-5km SSE	Heard	6	Explosion	Undetermined	N/K	12-Jul, 14:10	
	4-5km SSE	Heard	12	Explosion	Undetermined	N/K	12-Jul, 15:52-16:00	
	4-5km SSE	Heard	10	Shot		Small arms	12-Jul, 15:52-16:00	
	4-5km SSE	Heard	4	Burst		HMG	12-Jul, 15:52-15:40	
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	12-Jul, 16:40	
	Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km NW	Heard	3	Explosion	Undetermined	N/K	11-Jul, 19:15-19:16
		4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:15
		4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:17
6-7km NE		Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:19	
6-7km NNE		Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:19	
8-9km NNE		Heard	2	Explosion	Undetermined	N/K	11-Jul, 19:21	
10-11km NNE		Heard	3	Explosion	Undetermined	N/K	11-Jul, 19:22	
10-11km NE		Heard	1	Explosion	Undetermined	N/K	11-Jul, 19:32	
7-8km NW		Heard	1	Explosion	Undetermined	N/K	11-Jul, 20:18	
6-7km NW		Heard	1	Burst		HMG	11-Jul, 21:42	
5-6km NW		Heard	1	Burst		HMG	11-Jul, 21:51	

	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:51
	5-6km WNW	Heard	Uncountable		Undetermined (uncountable overlapping sequence)		11-Jul, 21:52-21:56
	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:55
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 21:56
	5-6km NW	Heard	Uncountable		Undetermined (uncountable overlapping sequence)		11-Jul, 21:57-22:02
	3-4km NW	Heard	Uncountable		Undetermined (uncountable overlapping sequence)		11-Jul, 22:08-22:10
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 22:22
	5-6km NW	Heard	12	Burst		HMG	11-Jul, 22:38
	4-5km NW	Heard	13	Burst		HMG	11-Jul, 22:40
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 22:47
	4-5km NW	Heard	2	Explosion	Undetermined	N/K	11-Jul, 22:51
	5-6km W	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:07
	4-5km WNW	Heard	2	Burst		HMG	11-Jul, 23:36
	4-5km WNW	Heard	3	Burst		HMG	11-Jul, 23:37
	4-5km WNW	Heard	1	Burst		HMG	11-Jul, 23:37
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 23:50
	5-6km WNW	Heard	1	Burst		HMG	11-Jul, 23:53
	4-5km NNW	Heard	1	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 00:07
	4-5km NW	Heard	3	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 00:17
	4-5km NW	Heard	1	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 00:17
	4-5km NW	Heard	4	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 00:19-00:20
	6-7km WNW	Heard	1	Explosion	Undetermined		12-Jul, 00:32
	6-7km NNW	Heard	2	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 01:03
	6-7km NW	Heard	1	Shot		30mm canon, likely IFV(BMP-2)	12-Jul, 01:03
	4-5km WNW	Heard	2	Shot		Small arms	12-Jul, 14:20
About 7.5km NW of Horlivka (non-government controlled, 39 km NE of Donetsk)	1.5-2km WNW	Heard	2	Explosion	Undetermined	N/K	12-Jul, 11:34
	1-1.5km W	Heard	3	Burst		Small arms	12-Jul, 11:35
About 0.5km	6-7km NNE	Heard	3	Explosion	Undetermined	N/K	12-Jul, 11:34

SW of Klynove (government-controlled, 69km N of Donetsk)							
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km W	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:40
	3-5km S	Heard	4	Explosion	Undetermined	N/K	12-Jul,
	3-5km S	Heard	2	Shot		Small arms	12-Jul, 14:45-14:50
	2-3km S	Heard	2	Explosion	Undetermined	N/K	12-Jul, 14:52
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ENE	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	11-Jul, 22:01
	3-5km SE	Recorded	2	Projectile	ENE to WSW (assessed as inside the disengagement area)	N/K	11-Jul, 22:45
	3-5km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	11-Jul, 23:46
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Heard	48	Burst		HMG	11-Jul, 22:52-23:10
	3-5km SSE	Heard	25	Burst		HMG	12-Jul, 03:10-03:45
	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	12-Jul, 03:10-03:45
	2-4km SSE	Heard	15	Burst		HMG	12-Jul, 04:15-04:22
	2-4km SSE	Heard	5	Explosion	Undetermined	N/K	12-Jul, 04:15-04:22
4km SW of Popasna (government-controlled, 69km W of Luhansk)	3-5km N	Heard	3	Explosion	Undetermined	N/K	12-Jul, 10:45-10:52
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	12-Jul, 10:57-10:58
	3-5km NNW	Heard	18	Burst		HMG	12-Jul, 10:57-10:58
2.7km SW of Metalist (non-government-controlled, 7km NW of Luhansk)	1-1.5km NNW	Heard	20	Shot	Assessed as aimed at the SMM UAV	Small arms	12-Jul, 12:08
600m S of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-3km E	Saw and heard	1	Explosion	Impact	N/K	12-Jul, 13:55

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).