

Table of ceasefire violations as of 30 July 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	9	Explosion	Undetermined	N/K	29-Jul, 21:19
	1.5-2.5km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 21:19
	0.5-1km S	Recorded	4	Explosion	Undetermined	N/K	29-Jul, 21:20
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 21:23
	1-1.5km S	Recorded	1	Projectile	NW to SE	N/K	29-Jul, 21:36
	1-2km S	Recorded	4	Projectile	E to W	N/K	29-Jul, 21:38
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 21:38
	1-2km S	Recorded	4	Projectile	E to W	N/K	29-Jul, 21:39
	1-2km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 21:40
	1-2km S	Recorded	2	Projectile	SE to NW	N/K	29-Jul, 21:40
	1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 21:41
	0.8-1.2km S	Recorded	3	Projectile	E to W	N/K	29-Jul, 21:41
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 21:41
	1-2km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 21:44
	1-1.5km S	Recorded	7	Projectile	E to W	N/K	29-Jul, 21:45
	0.5-1km S	Recorded	4	Explosion	Undetermined	N/K	29-Jul, 21:45
	1-1.5km S	Recorded	9	Projectile	E to W	N/K	29-Jul, 21:46
	0.5-1km S	Recorded	4	Explosion	Undetermined	N/K	29-Jul, 21:46
	1-1.5km S	Recorded	5	Projectile	E to W	N/K	29-Jul, 21:47
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 21:47
	1-1.5km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 21:48
	0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	29-Jul, 21:48
	0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	29-Jul, 21:50
	1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 21:51
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 21:51
	0.8-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	29-Jul, 21:55
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 21:56
	2-3km S	Recorded	3	Projectile	SW to NE	N/K	29-Jul, 21:57

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.

0.5-1km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 21:57
0.7-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	29-Jul, 22:03
0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	29-Jul, 22:04
0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	29-Jul, 22:05
2-3km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:05
1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 22:05
1-2km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 22:05
2-3km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 22:06
0.5-1km S	Recorded	6	Explosion	Undetermined	N/K	29-Jul, 22:06
0.8-1.5km S	Recorded	3	Projectile	W to E	N/K	29-Jul, 22:07
1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 22:08
1-2km S	Recorded	2	Projectile	SE to NW	N/K	29-Jul, 22:10
1-2km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 22:10
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:13
1-2km S	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 22:13
1-2km S	Recorded	1	Projectile	N to S	N/K	29-Jul, 22:14
0.7-1.5km S	Recorded	3	Projectile	E to W	N/K	29-Jul, 22:14
1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 22:14
0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:14
1-2km S	Recorded	3	Projectile	NW to SE	N/K	29-Jul, 22:15
0.5-1km S	Recorded	10	Projectile	E to W	N/K	29-Jul, 22:15
0.5-1km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 22:16
1-2km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 22:18
1-2km S	Recorded	3	Projectile	NNW to SSE	N/K	29-Jul, 22:22
0.7-1km S	Recorded	5	Projectile	W to E	N/K	29-Jul, 22:23
0.7-1km S	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 22:23
1-2km S	Recorded	13	Projectile	W to E	N/K	29-Jul, 22:24
1-2km S	Recorded	1	Illumination flare	In vertical flight	N/K	29-Jul, 22:24
0.7-1.5km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 22:24
1-2km S	Recorded	4	Projectile	E to W	N/K	29-Jul, 22:25
1-2km S	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 22:25
1-2km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 22:25
0.5-1km S	Recorded	3	Projectile	W to E	N/K	29-Jul, 22:26
0.7-1.5km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 22:27

0.5-1km S	Recorded	1	Muzzle flash		N/K	29-Jul, 22:27
0.7-1.5km S	Recorded	30	Projectile	E to W	N/K	29-Jul, 22:28
1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:28
1-2km S	Recorded	3	Projectile	NNW to SSE	N/K	29-Jul, 22:31
1-2km S	Recorded	1	Projectile	N to S	N/K	29-Jul, 22:31
1-2km S	Recorded	1	Projectile	NW to SE	N/K	29-Jul, 22:33
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:33
1-2km S	Recorded	6	Projectile	WNW to ESE	N/K	29-Jul, 22:34
0.3-0.8km S	Recorded	3	Projectile	E to W	N/K	29-Jul, 22:39
0.5-1km S	Recorded	1	Projectile	SE to NW	N/K	29-Jul, 22:53
1-2km S	Recorded	4	Projectile	NW to SE	N/K	29-Jul, 22:58
1-2km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 22:59
1-2km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:59
0.7-1.5km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 22:59
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 23:00
0.5-1km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 23:00
0.2-1km S	Recorded	4	Explosion	Undetermined	N/K	29-Jul, 23:23
0.2-1km S	Recorded	1	Projectile	NW to SE	30 mm automatic cannon	29-Jul, 23:23
0.2-1km S	Recorded	1	Muzzle flash	Outgoing	Mortar (type N/K)	29-Jul, 23:23
0.2-1km S	Recorded	2	Projectile	E to W	HMG	29-Jul, 23:23
0.2-1km S	Recorded	1	Muzzle flash	Outgoing	Mortar (type N/K)	29-Jul, 23:23
0.2-1km S	Recorded	1	Projectile	W to E	30mm automatic cannon	29-Jul, 23:23
0.5-1km S	Recorded	1	Projectile	SE to NW	N/K	29-Jul, 23:24
0.3-0.8km S	Recorded	4	Projectile	SW to NE	N/K	29-Jul, 23:30
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 23:30
0.5-0.9km S	Recorded	1	Projectile	NW to SE	N/K	29-Jul, 23:31
0.3-0.8km S	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 23:32
1.5-2.5km S	Recorded	1	Projectile	NE to SW	N/K	29-Jul, 23:32
0.5-0.8km S	Recorded	2	Projectile	W to E	N/K	29-Jul, 23:43
0.5-0.8km S	Recorded	3	Projectile	NW to SE	N/K	29-Jul, 23:46

0.5-0.8km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 23:48
0.2-0.4km S	Recorded	2	Projectile	NNW to SSE	N/K	29-Jul, 23:48
0.5-1km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 23:53
0.5-1km S	Recorded	4	Projectile	SE to NW	N/K	29-Jul, 23:53
0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	29-Jul, 23:54
0.5-1km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 23:54
0.5-1km S	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 23:54
0.7-1km S	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 23:57
0.5-1km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 23:58
0.5-1km S	Recorded	1	Projectile	SE to NW	N/K	29-Jul, 23:59
1-2km S	Recorded	1	Projectile	SW to NE	N/K	30-Jul, 00:00
0.5-1km S	Recorded	5	Explosion	Undetermined	N/K	30-Jul, 00:00
0.8-1.5km S	Recorded	13	Projectile	SE to NW	N/K	30-Jul, 00:00
0.8-1.5km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Jul, 00:00
0.7-1km S	Recorded	1	Projectile	E to W	N/K	30-Jul, 00:01
1-2km S	Recorded	1	Illumination flare	W to E	N/K	30-Jul, 00:02
0.5-1km S	Recorded	6	Projectile	SE to NW	N/K	30-Jul, 00:02
0.4-0.8km S	Recorded	2	Projectile	W to E	N/K	30-Jul, 00:02
0.5-1km S	Recorded	5	Muzzle flash		N/K	30-Jul, 00:03
0.5-1km S	Recorded	1	Projectile	SSE to NNW	N/K	30-Jul, 00:03
0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	30-Jul, 00:04
0.5-1km SSW	Recorded	3	Muzzle flash		N/K	30-Jul, 00:04
0.5-1km S	Recorded	2	Projectile	SE to NW	N/K	30-Jul, 00:05
0.5-1km S	Recorded	3	Projectile	E to W	N/K	30-Jul, 00:22
1-2km SSW	Recorded	2	Muzzle flash		N/K	30-Jul, 00:30
0.3-0.8km S	Recorded	2	Explosion	Undetermined	N/K	30-Jul, 00:31
0.7-1km S	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 00:32
1-1.5km S	Recorded	2	Explosion	Undetermined	N/K	30-Jul, 00:33
1-1.5km S	Recorded	5	Projectile	WNW to ESE	N/K	30-Jul, 00:33
1-2km S	Recorded	3	Explosion	Undetermined	N/K	30-Jul, 00:34
1-2km S	Recorded	2	Projectile	W to E	N/K	30-Jul, 00:34
0.5-0.8km S	Recorded	1	Muzzle flash		N/K	30-Jul, 00:35

	0.5-0.8km S	Recorded	1	Projectile	E to W	N/K	30-Jul, 00:35
	1-2km S	Recorded	12	Projectile	SE to NW	N/K	30-Jul, 00:35
	0.3-0.7km S	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 00:39
	0.3-0.7km S	Recorded	1	Muzzle flash		N/K	30-Jul, 00:39
	1-2km SW	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 00:40
	0.5-1km S	Recorded	1	Muzzle flash		N/K	30-Jul, 00:40
	0.5-1km S	Recorded	1	Projectile	SSE to NNW	N/K	30-Jul, 00:40
	1.5-3km S	Recorded	1	Projectile	W to E	N/K	30-Jul, 00:42
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 00:46
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 00:47
	1-2km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Jul, 00:47
	1-2km S	Recorded	2	Projectile	SE to NW	N/K	30-Jul, 00:48
	0.5-0.7km S	Recorded	2	Projectile	NNW to SSE	N/K	30-Jul, 01:15
	0.5-0.8km S	Recorded	4	Explosion	Undetermined	N/K	30-Jul, 01:28
	0.5-0.8km S	Recorded	2	Explosion	Undetermined	N/K	30-Jul, 01:31
	0.5-0.8km S	Recorded	6	Explosion	Undetermined	N/K	30-Jul, 01:32
	0.5-0.8km S	Recorded	5	Explosion	Undetermined	N/K	30-Jul, 02:21
	0.5-1km S	Recorded	7	Projectile	W to E	N/K	30-Jul, 02:21
	0.5-1km S	Recorded	1	Projectile	NW to SE	N/K	30-Jul, 02:21
	0.5-0.8km S	Recorded	1	Explosion	Undetermined	N/K	30-Jul, 02:31
	0.5-0.8km S	Recorded	1	Projectile	W to E	N/K	30-Jul, 02:49
	0.5-1km S	Recorded	3	Projectile	W to E	N/K	30-Jul, 02:50
	0.6-1km S	Recorded	27	Projectile	W to E	N/K	30-Jul, 03:15
	0.5-1km S	Recorded	20	Projectile	W to E	N/K	30-Jul, 03:19
	0.6-1km S	Recorded	6	Projectile	W to E	N/K	30-Jul, 03:20
	0.4-0.8km S	Recorded	24	Projectile	SSW to NNE	HMG	30-Jul, 03:23
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	1.5-3km SE	Recorded	1	Illumination flare	E to W	N/K	29-Jul, 21:45
SMM camera at the entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	29-Jul, 21:07
	2-4km ENE	Recorded	3	Projectile	ESE to WNW	N/K	29-Jul, 21:57

2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	29-Jul, 21:58
2-4km ENE	Recorded	1	Burst	SSE to NNW	N/K	29-Jul, 21:59
2-4km ENE	Recorded	1	Projectile	SSE to NNW	Rocket-propelled grenade (RPG)	29-Jul, 21:59
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:01
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:04
2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 22:04
2-4km ENE	Recorded	7	Projectile	NNW to SSE	N/K	29-Jul, 22:05
2-4km ENE	Recorded	2	Projectile	SSE to NNW	N/K	29-Jul, 22:05
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:07
2-4km ENE	Recorded	7	Projectile	SSE to NNW	N/K	29-Jul, 22:26
2-4km ENE	Recorded	1	Illumination flare	NE to SW	N/K	29-Jul, 22:27
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:27
2-4km ENE	Recorded	1	Illumination flare	NE to SW	N/K	29-Jul, 22:28
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:32
2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 22:33
2-4km ENE	Recorded	14	Projectile	SSE to NNW	N/K	29-Jul, 22:33
2-4km ENE	Recorded	11	Projectile	SSE to NNW	N/K	29-Jul, 22:34
2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	29-Jul, 22:41
2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	29-Jul, 22:41
2-4km ENE	Recorded	1	Illumination flare	ENE to WSW	N/K	29-Jul, 22:45
1-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	29-Jul, 23:13
1-3km ENE	Recorded	2	Projectile	SSE to NNW	N/K	29-Jul, 23:15
2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	29-Jul, 23:17
1-3km ENE	Recorded	5	Projectile	NNW to SSE	N/K	29-Jul, 23:26

	1-3km ENE	Recorded	1	Projectile	NNW to SSE	N/K	29-Jul, 23:27
	1-3km ENE	Recorded	2	Projectile	NNW to SSE	N/K	29-Jul, 23:28
	2-4km ENE	Recorded	3	Projectile	W to E	N/K	30-Jul, 00:07
	2-4km ENE	Recorded	3	Projectile	SSE to NNW	N/K	30-Jul, 00:14
	2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	30-Jul, 00:16
	2-4km ENE	Recorded	12	Projectile	SSE to NNW	N/K	30-Jul, 00:26
	2-4km ENE	Recorded	15	Projectile	SSE to NNW	N/K	30-Jul, 00:27
	2-4km ENE	Recorded	4	Projectile	SSE to NNW	N/K	30-Jul, 01:00
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	30-Jul, 01:00
	2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	30-Jul, 01:01
	2-4km ENE	Recorded	4	Projectile	SSE to NNW	N/K	30-Jul, 01:01
	2-4km ENE	Recorded	3	Projectile	SSE to NNW	N/K	30-Jul, 01:02
	2-4km ENE	Recorded	7	Projectile	SSE to NNW	N/K	30-Jul, 01:07
	2-4km ENE	Recorded	6	Projectile	SSE to NNW	N/K	30-Jul, 01:09
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	30-Jul, 01:18
	2-4km ENE	Recorded	3	Projectile	SSE to NNW	N/K	30-Jul, 01:26
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	30-Jul, 01:26
	2-4km ENE	Recorded	4	Projectile	SSE to NNW	N/K	30-Jul, 01:33
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	30-Jul, 01:35
SMM camera at the entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Illumination flare	NW to SE	N/K	29-Jul, 21:26
	2-4km N	Recorded	1	Illumination flare	NW to SE	N/K	29-Jul, 21:29
	1-3km N	Recorded	15	Projectile	W to E	N/K	29-Jul, 21:30
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	29-Jul, 21:45
	1-3km N	Recorded	1	Illumination flare	NE to SW	N/K	29-Jul, 22:00
	1-3km N	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 22:33

	1-3km N	Recorded	1	Projectile	W to E	N/K	29-Jul, 23:01
	1-3km N	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 23:42
	2-4km N	Recorded	1	Projectile	W to E	N/K	29-Jul, 23:49
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Jul, 00:56
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Jul, 01:12
	2-4km N	Recorded	1	Projectile	E to W	N/K	30-Jul, 01:27
	2-4km N	Recorded	1	Projectile	E to W	N/K	30-Jul, 01:29
	2-4km N	Recorded	2	Projectile	SE to NW	N/K	30-Jul, 01:32
	1-3km N	Recorded	1	Projectile	W to E	N/K	30-Jul, 01:34
	3-5km N	Recorded	1	Projectile	W to E	N/K	30-Jul, 02:11
	1-3km N	Recorded	2	Explosion	Undetermined	N/K	30-Jul, 02:21
	3-5km N	Recorded	1	Illumination flare	SW to NE	N/K	30-Jul, 02:21
	2-4km N	Recorded	1	Projectile	W to E	N/K	30-Jul, 02:22
SMM camera at the entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	4-7km S	Recorded	6	Projectile	W to E	N/K	29-Jul, 21:44
	2-4km S	Recorded	2	Projectile	E to W	N/K	29-Jul, 21:52
	2-4km S	Recorded	7	Projectile	E to W	N/K	29-Jul, 21:58
	2-4km S	Recorded	10	Projectile	W to E	N/K	29-Jul, 22:19
	2-4km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 22:49
	2-5km S	Recorded	1	Explosion	Undetermined		30-Jul, 01:24
1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km N	Heard	5	Shot		HMG	30-Jul, 09:17
	2-4km SSE	Heard		Shot and burst	Uncountable	Small arms	30-Jul, 09:18-09:19
	2-4km SSE	Heard	20	Burst		HMG	30-Jul, 09:18-09:19
	2-4km SSW	Heard	3	Burst		HMG	30-Jul, 09:21
	2-4km SSW	Heard	123	Burst		HMG	30-Jul, 09:21-09:34
	2-4km SSW	Heard	101	Shot and burst		Small arms	30-Jul, 09:21-09:34
	2-4km SSW	Heard	35	Burst		HMG	30-Jul, 09:35-09:40
	2-4km SSW	Heard	38	Shot and burst		Small arms	30-Jul, 09:35-09:40
	2-4km SSW	Heard	50	Burst		HMG	30-Jul, 09:40-09:53
	2-4km SSW	Heard	58	Shot and burst		Small arms	30-Jul, 09:40-09:53
	2-4km SSW	Heard	4	Burst		HMG	30-Jul, 09:58-10:05
	2-4km	Heard	14	Shot and burst		Small arms	30-Jul, 09:58-

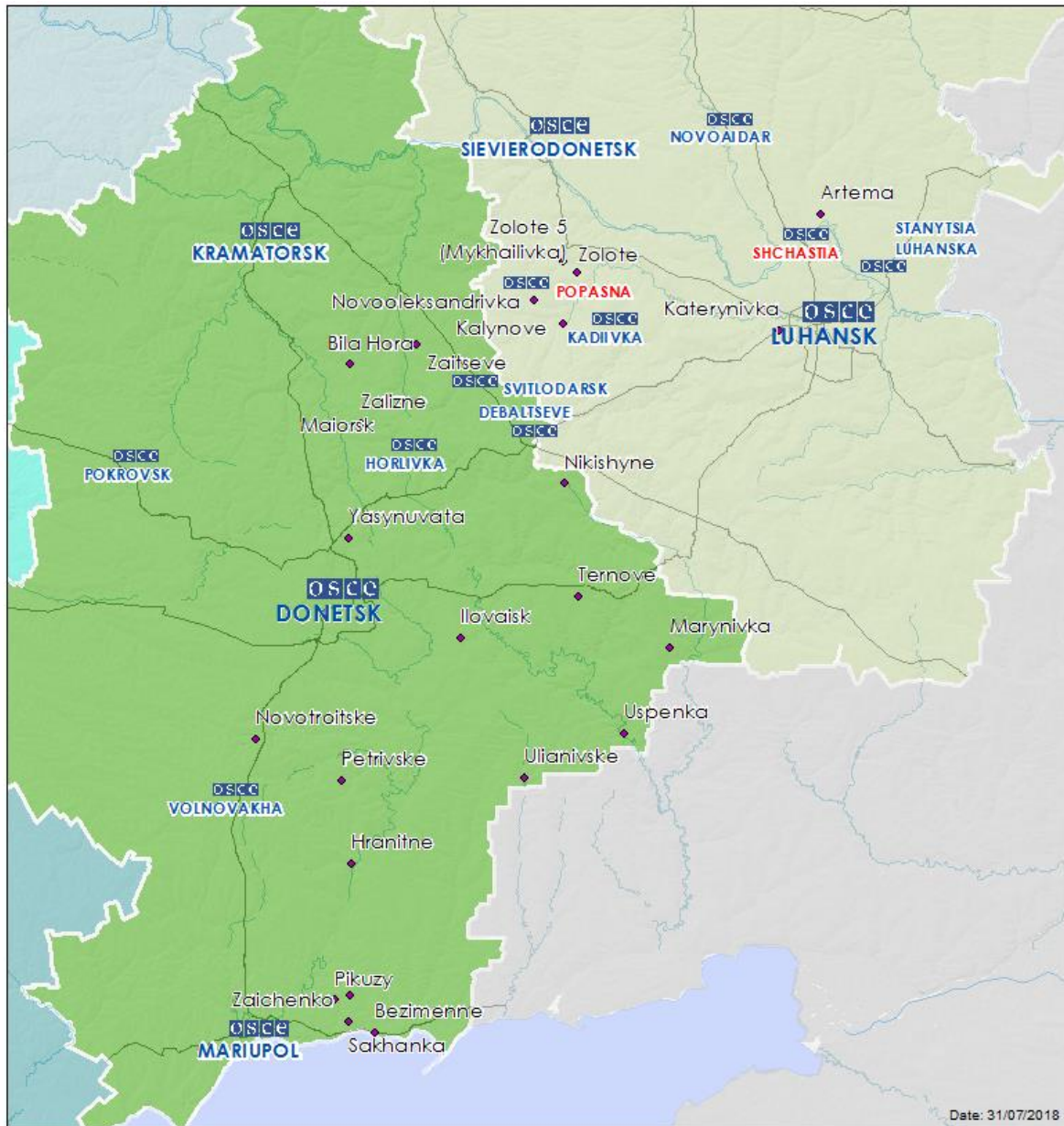
	SSW						10:05
	2-4km SSW	Heard	1	Burst		HMG	30-Jul, 10:13-10:18
	2-4km SSW	Heard	9	Shot and burst		Small arms	30-Jul, 10:13-10:18
	2-4km SSW	Heard	17	Shot and burst		HMG	30-Jul, 10:29-10:55
	2-4km SSW	Heard	7	Shot and burst		Small arms	30-Jul, 10:29-10:55
	8-10km S	Heard	1	Explosion	Undetermined	N/K	30-Jul, 10:55
	4-5km NW	Heard	2	Explosion	Undetermined	N/K	30-Jul, 15:01
	6-8km NE	Heard	11	Explosion	Undetermined	N/K	30-Jul, 15:02-15:04
	6-8km W	Heard	2	Explosion	Undetermined	N/K	30-Jul, 15:20
	3-5km W	Heard	1	Explosion	Undetermined	N/K	30-Jul, 15:25
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	5	Explosion	Undetermined	N/K	30-Jul, 08:55-09:05
	3-5km S	Heard	1	Explosion	Undetermined	N/K	30-Jul, 08:55-09:05
	1-3km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:41-09:45
	1-3km SE	Heard	20	Burst		HMG	30-Jul, 09:41-09:45
	1-3km SE	Heard	3	Explosion	Undetermined	N/K	30-Jul, 13:25-13:30
	1-3km SE	Heard	23	Burst		HMG	30-Jul, 13:25-13:30
	1-3km SE	Heard	10	Shot		HMG	30-Jul, 13:25-13:30
	1-2km SE	Heard	2	Explosion	Undetermined	N/K	30-Jul, 13:30-13:37
	1-2km SE	Heard	10	Burst		Small arms	30-Jul, 13:30-13:37
	1-2km SE	Heard	20	Burst		Small arms	30-Jul, 14:14-14:32
	1-2km SE	Heard	25	Burst		HMG	30-Jul, 14:14-14:32
	1-2km S	Heard	100	Burst		Small arms	30-Jul, 15:08-15:15
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K ESE	Heard	3	Shot	Undetermined	Small arms	30-Jul, 10:09
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	29-Jul, 19:03
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	29-Jul, 21:26
	3-5km SE	Heard	18	Shot		Small arms	29-Jul, 21:32-21:35
	3-5km SE	Heard	6	Burst		HMG	29-Jul, 21:33-

						21:35
3-5km SE	Heard	11	Burst		HMG	29-Jul, 22:15-22:17
2-4km SE	Heard	11	Burst		Small arms	29-Jul, 22:20-22:21
2-4km SE	Heard	3	Burst		Small arms	29-Jul, 22:25
2-4km SE	Heard	5	Shot		Small arms	29-Jul, 22:26
3-5km SE	Heard	8	Burst		HMG	29-Jul, 22:28-22:29
3-5km SE	Heard	45	Burst		HMG	30-Jul, 00:05-00:08
2-4km SE	Heard	25	Burst		Small arms	30-Jul, 00:06-00:09
3-5km SE	Heard	15	Burst		HMG	30-Jul, 00:09-00:10
3-4km SE	Heard	1	Explosion	Outgoing	N/K	30-Jul, 00:11-00:12
3-4km SE	Heard	1	Explosion	Impact	N/K	30-Jul, 00:11-00:12
2-4km S	Heard	5	Explosion	Undetermined	N/K	30-Jul, 00:12-00:13
2-4km SE	Heard	5	Burst		HMG	30-Jul, 00:12-00:13
2-4km SE	Heard	5	Burst		Small arms	30-Jul, 00:13-00:14
2-4km SE	Heard	6	Explosion	Undetermined	N/K	30-Jul, 00:14-00:15
3-5km S	Heard	8	Burst		HMG	30-Jul, 00:14-00:16
3-5km S	Heard	6	Explosion	Undetermined	N/K	30-Jul, 00:19-00:20
2-4km SE	Heard	25	Burst		HMG	30-Jul, 00:19-00:20
2-4km S	Heard	15	Burst		Small arms	30-Jul, 00:19-00:20
2-4km SE	Heard	15	Shot		Small arms	30-Jul, 00:20-00:22
3-5km S	Heard	5	Explosion	Undetermined	N/K	30-Jul, 00:22-00:23
3-5km SE	Heard	14	Burst		HMG	30-Jul, 00:22-00:27
3-5km S	Heard	3	Explosion	Undetermined	N/K	30-Jul, 00:27-00:28
2-4km SE	Heard	14	Burst		HMG	30-Jul, 00:32-00:35
2-4km S	Heard	2	Explosion	Undetermined	N/K	30-Jul, 00:38
2-4km SE	Heard	16	Shot		Small arms	30-Jul, 00:39-00:41

2-4km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 00:42
2-4km SE	Heard	28	Burst		HMG	30-Jul, 00:42-00:44
2-4km SE	Heard	27	Burst		HMG	30-Jul, 00:45-00:46
3-5km SE	Heard	4	Explosion	Undetermined	N/K	30-Jul, 00:45-00:46
1-2km S	Heard	2	Explosion	Undetermined	N/K	30-Jul, 00:48
2-3km SE	Heard	7	Burst		HMG	30-Jul, 00:48
3-5km SE	Heard	8	Burst		HMG	30-Jul, 00:51-00:53
3-5km S	Heard	4	Explosion	Undetermined	N/K	30-Jul, 00:52-00:54
4-6km SE	Heard	3	Explosion	Undetermined	N/K	30-Jul, 00:55-00:56
2-4km SE	Heard	9	Burst		HMG	30-Jul, 00:56-00:57
2-4km SE	Heard	4	Explosion	Undetermined	N/K	30-Jul, 00:58
2-4km SE	Heard	7	Shot		Small arms	30-Jul, 00:58-00:59
2-4km SE	Heard	5	Explosion	Undetermined	N/K	30-Jul, 00:59-01:00
3-5km SE	Heard	4	Burst		HMG	30-Jul, 01:05-01:08
3-5km SE	Heard	4	Explosion	Undetermined	N/K	30-Jul, 01:08-01:09
3-5km SE	Heard	5	Burst		HMG	30-Jul, 01:16-01:17
2-4km S	Heard	5	Burst		Small arms	30-Jul, 01:18-01:20
3-5km S	Heard	4	Explosion	Undetermined	N/K	30-Jul, 01:22-01:23
2-3km SE	Heard	22	Shot		Small arms	30-Jul, 01:24-01:26
3-5km SE	Heard	18	Burst		HMG	30-Jul, 01:28-01:30
3-4km S	Heard	5	Explosion	Undetermined	N/K	30-Jul, 01:30-01:32
3-5km S	Heard	1	Explosion	Undetermined	N/K	30-Jul, 04:12
3-5km SE	Heard	12	Burst		HMG	30-Jul, 04:13-04:14
2-4km S	Heard	2	Explosion	Undetermined	N/K	30-Jul, 04:14
3-5km SE	Heard	14	Burst		HMG	30-Jul, 04:14-04:16
3-5km S	Heard	6	Burst		HMG	30-Jul, 04:19-04:20
3-5km S	Heard	2	Explosion	Undetermined	N/K	30-Jul, 04:21

	2-4km S	Heard	1	Explosion	Undetermined	N/K	30-Jul, 05:13
	3-5km SE	Heard	8	Burst		HMG	30-Jul, 05:14-05:15
	3-5km S	Heard	2	Explosion	Undetermined	N/K	30-Jul, 05:17
	2km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:52
	2km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:58
	2km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 10:04
	2km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 10:09
	2-3km SE	Heard	6	Explosion	Undetermined	N/K	30-Jul, 12:23-12:25
	2-3km SE	Heard	8	Burst		HMG	30-Jul, 12:23-12:25
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 08:59
	3km SW	Heard	2	Explosion	Undetermined	N/K	30-Jul, 09:03
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:28
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:40
	2-3km NNE	Heard	2	Explosion	Undetermined	N/K	30-Jul, 15:01
Semyhiria (government-controlled, 58km NE of Donetsk)	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 09:53
1.3km S of Muratove (government-controlled, 51km NW of Luhansk)	2-3km SE	Heard	20	Explosion	Undetermined	N/K	30-Jul, 10:35-10:40
	4-5km NE	Heard	1	Explosion	Outgoing	Artillery (122mm)	30-Jul, 10:45
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	30-Jul, 10:45

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).