

Table of ceasefire violations as of 29 July 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:17
	1-2km S	Recorded	13	Projectile	E to W	N/K	27-Jul, 21:22
	0.8-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:25
	1-2km S	Recorded	6	Projectile	E to W	N/K	27-Jul, 21:27
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:27
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:28
	0.5-1km S	Recorded	1	Muzzle flash		N/K	27-Jul, 21:29
	1-1.5km S	Recorded	2	Projectile	E to W	N/K	27-Jul, 21:29
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:30
	1-1.5km S	Recorded	15	Projectile	E to W	N/K	27-Jul, 21:31
	1-1.5km S	Recorded	14	Projectile	E to W	N/K	27-Jul, 21:32
	1-1.5km S	Recorded	3	Muzzle flash		N/K	27-Jul, 21:32
	1-1.2km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:32
	0.7-1.5km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:33
	1-1.5km S	Recorded	6	Projectile	E to W	N/K	27-Jul, 21:34
	0.2-1km S	Recorded	3	Explosion	Undetermined	N/K	27-Jul, 21:34
	0.1-0.3km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:36
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:37
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:37
	0.7-1.5km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 21:41
	1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:42
	1-1.5km S	Recorded	5	Projectile	E to W	N/K	27-Jul, 21:43
	1.5-3km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 21:46
	1.5-3km S	Recorded	2	Projectile	W to E	N/K	27-Jul, 21:46
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:55
	1-2km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 21:56
	1-2km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 21:56
	2-4km S	Recorded	9	Projectile	E to W	N/K	27-Jul, 22:03
	2-4km S	Recorded	4	Projectile	In vertical flight	N/K	27-Jul, 22:04
	1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:04
	1-1.5km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 22:04
	1-3km S	Recorded	1	Projectile	SSW to NNE	N/K	27-Jul, 22:05
	0.5-0.9km S	Recorded	1	Explosion	Impact	N/K	27-Jul, 22:07
1-1.5km S	Recorded	1	Projectile	E to W	N/K	27-Jul, 22:07	
1-2km S	Recorded	2	Explosion	Undetermined	N/K	27-Jul, 22:08	
1-1.5km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:14	
1-1.5km S	Recorded	1	Explosion	Airburst	N/K	27-Jul, 22:14	
0.1-0.2km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 22:15	
1-1.5km S	Recorded	11	Explosion	Undetermined	N/K	27-Jul, 22:16	
1-2km S	Recorded	1	Explosion	SSE to NNW (airburst)	N/K	27-Jul, 22:17	
<1km S	Recorded	4	Projectile	NE to SW	N/K	28-Jul, 00:00	
0.7-1.5km S	Recorded	9	Projectile	E to W	N/K	28-Jul, 00:02	
SMM camera 1km south-west of Pyshevyk (government-controlled, 25km NE of Mariupol)	2-3km E	Recorded	4	Projectile	NNE to SSW	N/K	27-Jul, 20:59
	2-3km E	Recorded	6	Projectile	SSW to NNE	N/K	27-Jul, 20:59
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:00
	2-3km E	Recorded	4	Projectile	NNE to SSW	N/K	27-Jul, 21:00
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:01
	2-3km E	Recorded	7	Projectile	SSW to NNE	N/K	27-Jul, 21:02
	2-3km E	Recorded	3	Projectile	SSW to NNE	N/K	27-Jul, 21:07
2-3km E	Recorded	4	Projectile	SSW to NNE	N/K	27-Jul, 21:08	

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.

	2-3km E	Recorded	4	Projectile	SSW to NNE	N/K	27-Jul, 21:09
	2-3km E	Recorded	1	Projectile	NNE to SSW	N/K	27-Jul, 21:09
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:10
	2-3km E	Recorded	5	Projectile	SSW to NNE	N/K	27-Jul, 21:11
	2-3km E	Recorded	10	Projectile	S to N	N/K	27-Jul, 21:29
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)						N/K	
	2-4km SE	Recorded	2	Projectile	NE to SW		27-Jul, 22:54
	3-5km ENE	Recorded	1	Burst	NNW to SSE	N/K	27-Jul, 22:07
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 22:53
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 23:07
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 23:17
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 23:27
	3-5km ENE	Recorded	1	Projectile	NNW to SSE	N/K	27-Jul, 23:27
	3-5km ENE	Recorded	1	Projectile	SSE to NNW	N/K	28-Jul, 00:06
	3-5km ENE	Recorded	9	Projectile	SSE to NNW	N/K	28-Jul, 01:00
	3-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 01:01
	3-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 01:53
	3-5km ENE	Recorded	6	Projectile	SSE to NNW	N/K	28-Jul, 01:53
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 21:47
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 22:20
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 22:44
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Jul, 23:01
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 00:14
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	3	Projectile	E to W	N/K	27-Jul, 21:40
	2-4km S	Recorded	2	Projectile	W to E	N/K	27-Jul, 21:40
	2-4km S	Recorded	2	Projectile	E to W	N/K	27-Jul, 21:41
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	27-Jul, 21:53
	2-4km S	Recorded	1	Projectile	W to E	N/K	27-Jul, 22:30
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	4-6km NE	Recorded	1	Explosion	Undetermined		27-Jul, 21:56
Olenivka (non-government-controlled, 25km SW of Donetsk)	1-2km S	Heard	3	Burst		HMG	28-Jul, 10:11
						N/K	
	1-2km S	Heard	1	Explosion	Undetermined		28-Jul, 10:14
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	28-Jul, 11:40
	2-3km WSW	Heard	10	Shot		Small arms	28-Jul, 11:45
						AGL	28-Jul, 14:01-14:10
	2-4km ENE	Heard	58	Explosion	Impact		
	2-4km ENE	Heard	2	Explosion	Undetermined	N/K	28-Jul, 14:01
	2-4km ENE	Heard	1	Explosion	Outgoing	N/K	28-Jul, 14:14
	2-4km ENE	Heard	1	Explosion	Impact (subsequent)	N/K	28-Jul, 14:14
	2-4km ENE	Heard	1	Explosion	Outgoing	N/K	28-Jul, 14:19
	2-4km ENE	Heard	1	Explosion	Impact (subsequent)	N/K	28-Jul, 14:19
	2km ENE	Heard	4	Explosion	Outgoing	N/K	28-Jul, 14:25
					Impact (subsequent)	N/K	
	2-4km ENE	Heard	4	Explosion	Impact (subsequent)		28-Jul, 14:25
	2-4km ENE	Heard	11	Burst		HMG	28-Jul, 14:25
Railway station in	3-5km W	Heard	1	Explosion	Undetermined	N/K	28-Jul, 14:32

Yasynuvata (non-government-controlled, 16km NE of Donetsk)							
2.7km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-5km SSE	Heard	4	Burst		HMG	28-Jul, 14:32-14:50
	2-5km SSE	Heard	151	Shot	Assessed as outside the disengagement area	IFV (BMP-2) cannon (30mm)	28-Jul, 14:32-14:50
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K SE	Heard	3	Shot	Undetermined	N/K	28-Jul, 12:10
Hranitne (government controlled, 60km S of Donetsk)	N/K E	Heard	1	Explosion	Outgoing	N/K	28-Jul, 13:18
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-3km NE	Heard	40	Shot	Undetermined	Small arms	28-Jul, 13:25-13:35
	2-3km NE	Heard	25	Burst	Undetermined	HMG	28-Jul, 13:25-13:35
	2-3km NE	Heard	15	Explosion	Undetermined	N/K	28-Jul, 13:25-13:35
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	27	Burst		HMG	27-Jul, 22:02-22:05
	2-3km SE	Heard	11	Burst		HMG	27-Jul, 22:05-22:07
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	27-Jul, 22:05
	1-2km S	Heard	6	Burst		HMG	27-Jul, 22:13
	1-2km S	Heard	4	Burst		Small arms	27-Jul, 22:13
	1-2km S	Heard	1	Burst		HMG	27-Jul, 22:15
	1-2km S	Heard	2	Burst		HMG	27-Jul, 22:49
	1-2km S	Heard	2	Burst		HMG	27-Jul, 23:02
	1-2km S	Heard	4	Burst		HMG	27-Jul, 23:03
	1-2km S	Heard	2	Burst		HMG	27-Jul, 23:09
	1-2km S	Heard	3	Burst		HMG	27-Jul, 23:12
	2-3km S	Heard	1	Explosion	Undetermined	N/K	27-Jul, 23:13
	1-2km S	Heard	3	Burst		Small arms	27-Jul, 23:36
	1-2km S	Heard	18	Burst		HMG	27-Jul, 23:51-23:55
	1-2km S	Heard	3	Burst		HMG	28-Jul, 00:04
	1-2km S	Heard	7	Burst		HMG	28-Jul, 00:29-00:30
	1-2km S	Heard	3	Burst		HMG	28-Jul, 00:32
	1-2km S	Heard	4	Shot		IFV (BMP-2) cannon	28-Jul, 00:32
	1-2km S	Heard	4	Burst		HMG	28-Jul, 00:39
	2-3km S	Heard	1	Explosion	Undetermined	N/K	28-Jul, 00:56
	3-4km SSE	Heard	8	Burst		HMG	28-Jul, 01:14
	1-2km S	Heard	6	Burst		HMG	28-Jul, 01:25-01:28
	1-2km S	Heard	9	Shot		IFV (BMP-2) cannon	28-Jul, 01:25-01:28
	1-2km S	Heard	6	Burst		HMG	28-Jul, 02:12
	1-2km S	Heard	6	Burst		HMG	28-Jul, 02:17
	1-2km S	Heard	13	Burst		HMG	28-Jul, 02:18-02:21
	1-2km S	Heard	7	Burst		HMG	28-Jul, 02:22
1-2km S	Heard	12	Burst		HMG	28-Jul, 02:27-02:28	

	2-4km SSE	Heard	18	Burst		HMG	28-Jul, 02:34-02:37
	2-4km SSE	Heard	12	Burst		Small arms	28-Jul, 02:34-02:37
	2-4km SSE	Heard	3	Explosion	Undetermined	N/K	28-Jul, 02:34
	1-2km S	Heard	14	Burst		HMG	28-Jul, 02:51
	1-2km S	Heard	6	Burst		Small arms	28-Jul, 02:51
	1-2km S	Heard	4	Burst		HMG	28-Jul, 03:02
	2-3km S	Heard	2	Explosion	Impact	Mortar (type N/K)	28-Jul, 03:02
	1-2km S	Heard	3	Burst		HMG	28-Jul, 03:09
	1-2km S	Heard	14	Burst		HMG	28-Jul, 03:23
	1-2km S	Heard	2	Burst		HMG	28-Jul, 03:36
W outskirts of Horlivka (non-government controlled, 39km NE of Donetsk)	5-6km SSE	Heard	5	Burst	Undetermined	HMG	28-Jul, 11:42
	4-6km NNE	Heard	1	Explosion	Undetermined	N/K	28-Jul, 12:53
E edge of Novobakhmutivka (government-controlled, 28km north of Donetsk)	2-3km N	Heard	15	Shot		Small arms	28-Jul, 11:47-11:50
	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	28-Jul, 15:29
6km NW of Donetsk city centre (non-government-controlled)	3-5km NNE	Heard	19	Explosion	Undetermined	N/K	28-Jul, 15:29-16:17
	3-5km NNE	Heard		Shot and burst	Uncountable overlapping	Small arms	28-Jul, 15:29-16:17
	0.6km SE	Heard	4	Shot	Assessed as directed at an SMM mini-UAV	Small arms	28-Jul, 11:08
1km N of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-3km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	28-Jul, 13:18
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 21:11
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1km S	Recorded	1	Muzzle flash		N/K	28-Jul, 21:02
	1-1.5km S	Recorded	3	Projectile	E to W	N/K	28-Jul, 21:02
	0.5-1.5km S	Recorded	4	Projectile	E to W	N/K	28-Jul, 21:03
	0.5-0.7km S	Recorded	1	Projectile	NW to SE	N/K	28-Jul, 21:05
	1-1.5km S	Recorded	4	Projectile	SE to NW	N/K	28-Jul, 21:07
	0.8-1km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 21:10
	1.2-1.5km S	Recorded	1	Projectile	SE to NW	N/K	28-Jul, 21:27
	1.2-1.5km S	Recorded	4	Projectile	E to W	N/K	28-Jul, 21:36
	1-1.5km S	Recorded	11	Projectile	E to W	N/K	28-Jul, 21:39
	0.7-1.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 21:58
	0.7-1.5km S	Recorded	4	Projectile	W to E	N/K	28-Jul, 22:00
	0.8-1.2km S	Recorded	1	Projectile	W to E	N/K	28-Jul, 22:01
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:01
	1-1.5km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:07
	0.8-1.2km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:08
	1.5-2.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 22:10
	1.5-2.5km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:10
	1.5-2.5km S	Recorded	4	Projectile	E to W	N/K	28-Jul, 22:10
0.7-1.5km S	Recorded	3	Projectile	E to W	N/K	28-Jul, 22:11	

	0.7-1.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 22:11
	0.8-1.5km S	Recorded	2	Projectile	W to E	N/K	28-Jul, 22:12
	1-1.5km S	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:16
	0.2-0.3km S	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:49
	1.5-2.5km S	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 23:22
	1.5-2.5km S	Recorded	3	Projectile	W to E	N/K	29-Jul, 02:53
	1.5-2.5km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 02:54
	1.5-2.5km S	Recorded	2	Projectile	NW to SE	N/K	29-Jul, 03:15
SMM camera 1km south-west of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-6km E	Recorded	1	Projectile	E to W	N/K	28-Jul, 22:05
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 22:23
	2-6km ENE	Recorded	3	Projectile	NNW to SSE	N/K	28-Jul, 22:43
	2-6km E	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:05
	2-6km E	Recorded	1	Projectile	S to N	N/K	28-Jul, 23:05
	2-6km E	Recorded	1	Projectile	S to N	N/K	28-Jul, 23:13
	2-6km E	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:40
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 23:52
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 00:25
2-6km E	Recorded	2	Projectile	N to S	N/K	29-Jul, 02:49	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 21:23
	2-4km ENE	Recorded	4	Burst	NE to SW	N/K	28-Jul, 21:49
	2-4km ENE	Recorded	3	Projectile	NNW to SSE	N/K	28-Jul, 21:49
	1-2km ENE	Recorded	3	Projectile	S to N	N/K	28-Jul, 22:08
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:11
	2-4km ENE	Recorded	6	Projectile	S to N	N/K	28-Jul, 22:12
	2-4km ENE	Recorded	5	Projectile	NNW to SSE	N/K	28-Jul, 22:12
	3-4km ENE	Recorded	1	Burst	NNW to SSE	N/K	28-Jul, 22:13
	3-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:14
	3-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	28-Jul, 22:14
	2-4km ENE	Recorded	5	Projectile	SSE to NNW	N/K	28-Jul, 22:15
	2-4km ENE	Recorded	2	Illumination flare	In vertical flight	N/K	28-Jul, 22:15
	2-4km ENE	Recorded	3	Projectile	SSW to NNE	N/K	28-Jul, 22:16
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:17
	1-2km ENE	Recorded	1	Projectile	NNW to SSE	N/K	28-Jul, 22:19
	1-2km ENE	Recorded	2	Projectile	S to N	N/K	28-Jul, 22:19
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:31
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:41
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:50
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 22:51
	2-4km ENE	Recorded	6	Projectile	SW to NE	N/K	28-Jul, 22:51
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 23:06
	2-3km ENE	Recorded	12	Projectile	SSW to NNE	N/K	28-Jul, 23:07
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	28-Jul, 23:08
	1-2km ENE	Recorded	6	Projectile	N to S	N/K	28-Jul, 23:09
	1-2km ENE	Recorded	1	Projectile	NW to SE	N/K	28-Jul, 23:09
	1-2km ENE	Recorded	1	Projectile	NW to SE	N/K	28-Jul, 23:10
	1-2km ENE	Recorded	1	Projectile	S to N	N/K	28-Jul, 23:22
	3-4km ENE	Recorded	3	Projectile	E to W	N/K	29-Jul, 00:43
	SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km N	Recorded	1	Projectile	W to E	N/K
1-2km N		Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 23:13
1-2km N		Recorded	6	Projectile	W to E	N/K	28-Jul, 23:15
1-2km N		Recorded	6	Projectile	W to E	N/K	28-Jul, 23:17
1-2km N		Recorded	12	Projectile	W to E	N/K	28-Jul, 23:19

	1-2km N	Recorded	1	Projectile	W to E	N/K	28-Jul, 23:20
	1-2km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 23:33
	1-2km N	Recorded	3	Projectile	W to E	N/K	28-Jul, 23:35
	1-2km N	Recorded	8	Projectile	W to E	N/K	28-Jul, 23:36
	1-2km N	Recorded	1	Explosion	Undetermined	N/K	28-Jul, 23:47
	1-2km N	Recorded	5	Projectile	W to E	N/K	28-Jul, 23:48
	1-3km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Jul, 23:53
	1-2km N	Recorded	1	Projectile	SSE to NNW	N/K	28-Jul, 23:53
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 00:05
	1-4km N	Recorded	3	Projectile	SSE to NNW	N/K	29-Jul, 02:36
	1-4km N	Recorded	6	Projectile	W to E	N/K	29-Jul, 02:36
	1-3km N	Recorded	9	Projectile	W to E	N/K	29-Jul, 02:41
	1-2km N	Recorded	1	Projectile	W to E	N/K	29-Jul, 02:44
	1-2km N	Recorded	3	Projectile	W to E	N/K	29-Jul, 02:45
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:47
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:50
	1-2km N	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 02:51
	1-2km N	Recorded	8	Projectile	W to E	N/K	29-Jul, 02:55
	1-2km N	Recorded	2	Projectile	W to E	N/K	29-Jul, 02:56
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	4	Projectile	W to E	N/K	28-Jul, 11:51
	4-7km S	Recorded	2	Projectile	W to E	N/K	29-Jul, 00:02
	2-4km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 00:02
	2-4km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 00:19
	4-7km S	Recorded	1	Projectile	W to E	N/K	29-Jul, 00:49
	3-6km S	Recorded	1	Explosion	Undetermined	N/K	29-Jul, 00:36
	3-6km S	Recorded	1	Illumination flare	N to S	N/K	29-Jul, 01:06
	2-4km S	Recorded	1	Projectile	E to W	N/K	29-Jul, 01:26
2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-4km SE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	29-Jul, 10:24
	2-4km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Jul, 10:31
	2-4km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Jul, 10:56
	3-5km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Jul, 11:02
1.2km N of Novotroitske (Government-controlled, 36km SW of Donetsk)	2-3km NE	Heard	15	Burst		IFV (BMP-2) cannon	29-Jul, 15:05-15:15
	N/K ESE	Heard	5	Burst		HMG	29-Jul, 11:50
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ESE	Heard	1	Shot		Small arms	29-Jul, 11:50
	2-3km SSE	Heard	4	Burst		HMG	28-Jul, 19:32
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SSE	Heard	3	Burst		HMG	28-Jul, 19:37
	2-3km SSE	Heard	3	Burst		HMG	28-Jul, 19:44
	3-4km SE	Heard	13	Burst		HMG	28-Jul, 21:47-21:48
	3-4km SE	Heard	9	Burst		HMG	28-Jul, 21:51
	3-4km SE	Heard	4	Burst		HMG	28-Jul, 22:07

	3-4km SE	Heard	4	Burst		HMG	28-Jul, 22:45
	3-4km SE	Heard	13	Burst		HMG	28-Jul, 23:06- 23:08
	3-4km SE	Heard	9	Burst		HMG	28-Jul, 23:33

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).