

Table of ceasefire violations as of 4 July 2019<sup>7</sup>

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	3-Jul, 22:14
	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Jul, 02:27
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km ESE	Recorded	1	Explosion	Impact	N/K	4-Jul, 10:07
	2-4km ESE	Recorded	2	Explosion	Impact	N/K	4-Jul, 10:08
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	3-Jul, 21:08
	2-4km SSE	Recorded	3	Projectile	NW to SE	N/K	3-Jul, 21:26
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	3-Jul, 21:26
	2-4km SE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	3-Jul, 21:26
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Jul, 21:26
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Jul, 21:26
	2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	3-Jul, 21:29
	2-4km SSE	Recorded	10	Projectile	ENE to WSW	N/K	3-Jul, 21:38
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	3-Jul, 21:38
	2-3km SE	Recorded	1	Projectile	ESE to WNW	N/K	3-Jul, 21:40
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	3-Jul, 21:44
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	3-Jul, 21:44
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	3-Jul, 21:45
	2-4km S	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	3-Jul, 21:45
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Jul, 21:53
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	3-Jul, 21:55
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	3-Jul, 21:56
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	3-Jul, 22:02
	2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	3-Jul, 22:09
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Jul, 22:26
	2-4km SSE	Recorded	6	Burst	ENE to WSW	N/K	3-Jul, 22:39
	2-4km SSE	Recorded	5	Burst	ENE to WSW	N/K	3-Jul, 22:45
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	3-Jul, 22:47
	2-4km SSE	Recorded	8	Projectile	WSW to ENE	N/K	3-Jul, 22:51
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	3-Jul, 23:02
	2-4km SSE	Recorded	10	Projectile	ENE to WSW	N/K	3-Jul, 23:19
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	3-Jul, 23:34
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	3-Jul, 23:35
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	4-Jul, 00:00
	2-4km SSE	Recorded	30	Projectile	ENE to WSW	N/K	4-Jul, 00:01
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	4-Jul, 00:38
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	4-Jul, 00:39
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	4-Jul, 00:40
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	4-Jul, 00:52
	2-4km SE	Recorded	16	Projectile	ENE to WSW	N/K	4-Jul, 01:12
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	4-Jul, 01:14
	2-4km SSE	Recorded	2	Burst	ENE to WSW	N/K	4-Jul, 01:17
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	4-Jul, 01:22
	2-4km SSE	Recorded	31	Projectile	ENE to WSW	N/K	4-Jul, 01:41
	2-4km SE	Recorded	17	Projectile	ENE to WSW	N/K	4-Jul, 02:01
2-4km SE	Recorded	15	Projectile	ENE to WSW	N/K	4-Jul, 02:02	

<sup>7</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.

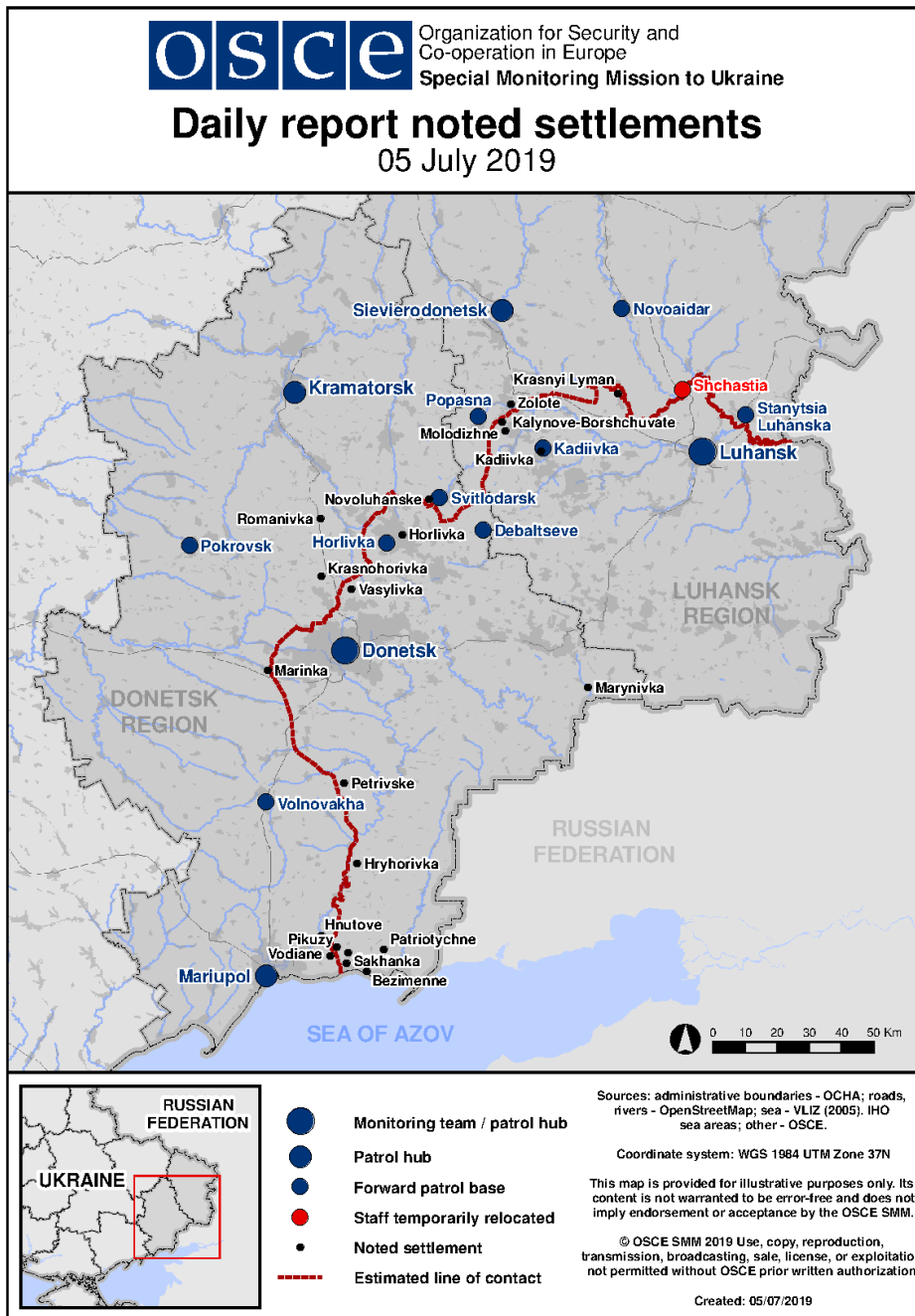
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	3-Jul, 21:14
	0.7-1.5km S	Recorded	4	Projectile	E to W	N/K	3-Jul, 22:13
	0.7-1.5km S	Recorded	7	Projectile	E to W	N/K	3-Jul, 22:14
	1.5-3km SSW	Recorded	1	Illumination flare	WNW to ESE	N/K	3-Jul, 22:14
	1-2km S	Recorded	3	Projectile	WSW to ENE	N/K	3-Jul, 22:19
	2-3km SSW	Recorded	3	Projectile	WNW to ESE	N/K	3-Jul, 23:05
	1.5-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	3-Jul, 23:08
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	3-Jul, 23:31
	2-3km SSW	Recorded	3	Projectile	WNW to ESE	N/K	4-Jul, 01:59
	1.5-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	4-Jul, 02:12
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1.5-3km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	4-Jul, 02:27
	3-5km ENE	Recorded	1	Projectile	In vertical flight	N/K	3-Jul, 21:29
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	3-Jul, 21:38
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	3-Jul, 21:38
	3-5km ESE	Recorded	3	Projectile	N to S	N/K	3-Jul, 23:11
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	4-Jul, 00:37
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	4-Jul, 00:08
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	4-Jul, 01:05
	2-4km ENE	Recorded	6	Projectile	N to S	N/K	4-Jul, 01:06
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	4-Jul, 01:22
	2-4km ENE	Recorded	9	Projectile	N to S	N/K	4-Jul, 01:23
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	4-Jul, 01:36
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km ENE	Recorded	9	Projectile	N to S	N/K	4-Jul, 01:37
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	3-Jul, 21:46
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	3-Jul, 21:47
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	3-Jul, 21:47
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	3-Jul, 21:49
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	3-Jul, 22:06
	2-4km NNE	Recorded	1	Projectile	In vertical flight	N/K	3-Jul, 22:29
	2-4km NNE	Recorded	4	Projectile	SSW to NNE	N/K	3-Jul, 22:30
SMM camera at entry-exit checkpoint in Pyschchevyk (government-controlled, 25km NE of Mariupol)	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K	3-Jul, 22:34
	2-4km NNE	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	3-Jul, 22:34
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	3-Jul, 21:37
	3-5km S	Recorded	14	Projectile	W to E	N/K	4-Jul, 00:11
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km S	Recorded	6	Projectile	W to E	N/K	4-Jul, 00:19
	2-3km SE	Heard	5	Shot		Small arms	4-Jul, 09:10-09:56
	2-3km NE	Heard	23	Burst		Small arms	4-Jul, 09:11-09:14
	2-3km NE	Heard	19	Shot		Small arms	4-Jul, 09:11-09:54
	3-4km NE	Heard	16	Shot		Small arms	4-Jul, 09:50-09:54
	3-4km NE	Heard	14	Burst		Small arms	4-Jul, 09:34-09:54
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	4-Jul, 10:02
	3-4km NE	Heard	7	Shot		Small arms	4-Jul, 11:47
	3-4km NE	Heard	2	Burst		Small arms	4-Jul, 11:47
NW part of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	4-Jul, 12:07
	1-2km NW	Heard	3	Burst		Small arms	4-Jul, 09:07
About 1km NW of the railway station in	1-1.5km NW	Heard	48	Shot		Small arms	4-Jul, 09:35

Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	18	Shot		HMG	4-Jul, 09:50
	2-3km NW	Heard	49	Shot		HMG	4-Jul, 09:55
	2km S	Heard	3	Burst		HMG	4-Jul, 09:59
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	4-Jul, 10:00
	4-5km NW	Heard	3	Explosion	Undetermined	N/K	4-Jul, 13:06
	3-4km SSW	Heard	75	Explosion	Undetermined	N/K	4-Jul, 13:18-13:28
	4-5km NW	Heard	5	Explosion	Undetermined	N/K	4-Jul, 13:51-13:52
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km SW	Heard	3	Explosion	Undetermined	N/K	4-Jul, 11:40-11:46
	2-3km NE	Heard	5	Shot		Small arms	4-Jul, 11:45
	2-3km NE	Heard	1	Burst		Small arms	4-Jul, 11:45
	1-2km NE	Heard	6	Shot		Small arms	4-Jul, 11:46-11:47
	1-2km NE	Heard	3	Burst		Small arms	4-Jul, 11:47
	4-5km SW	Heard	2	Explosion	Undetermined	N/K	4-Jul, 12:02-12:04
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	5km N	Heard	25	Explosion	Undetermined	N/K	4-Jul, 10:07-10:15
	3-4km NW	Heard	8	Explosion	Undetermined	N/K	4-Jul, 10:30-10:35
	3-4km NW	Heard	7	Explosion	Undetermined	N/K	4-Jul, 10:55-11:00
NW edge of Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	1-2km SW	Heard	12	Explosion	Undetermined	N/K	4-Jul, 10:06-10:07
	1-2km SW	Heard	41	Explosion	Undetermined	N/K	4-Jul, 10:08-10:12
	1-2km W	Heard	13	Burst		HMG	4-Jul, 10:09-10:11
	700m W	Heard	2	Burst		HMG	4-Jul, 10:14
	1-2km W	Heard	4	Burst		HMG	4-Jul, 10:16
	1-2km SW	Heard	12	Burst		HMG	4-Jul, 10:19-10:23
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	4-Jul, 10:21
	1-2km SW	Heard	27	Explosion	Undetermined	N/K	4-Jul, 10:23-10:36
	1km SW	Heard	2	Explosion	Undetermined	N/K	4-Jul, 10:52
	1-2km S	Heard	8	Shot		Small arms	4-Jul, 11:34
Novohnativka (government-controlled, 40km S of Donetsk)	3-5km NW	Heard	36	Explosion	Undetermined	Artillery (type N/K)	4-Jul, 10:05-10:20
	3-5km NW	Heard	7	Explosion	Undetermined	AGL	4-Jul, 10:05-10:20
	3-5km NW	Heard	55	Shot		Cannon (30mm)	4-Jul, 10:05-10:20
2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	4-Jul, 10:48-11:00
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	4-Jul, 11:17
Lebedynske (government-controlled, 16km NE of Mariupol)	4-5km NE	Heard	15	Explosion	Undetermined	N/K	4-Jul, 16:23-16:32
	2-3km NE	Heard	Uncountable	Explosion	Undetermined	Cannon (73mm)	4-Jul, 16:35-16:37
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km NW	Heard	7	Explosion	Undetermined	N/K	3-Jul, 17:20-17:27
	3-5km NW	Heard	29	Explosion	Undetermined	N/K	3-Jul, 22:22-22:34
	6-8km NW	Heard	29	Explosion	Undetermined	N/K	3-Jul, 22:22-22:34
	2-3km NW	Heard	5	Burst		Small arms	3-Jul, 22:28-22:30
	2-3km W	Heard	3	Burst		Small arms	3-Jul, 22:35-22:36
	6-8km NW	Heard	8	Explosion	Undetermined	N/K	3-Jul, 22:36-22:42
	2-4km W	Heard	4	Burst		HMG	3-Jul, 23:04
	6-8km WNW	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:08
	2-3km WNW	Heard	8	Burst		Small arms	3-Jul, 23:08-23:09
	6-8km NW	Heard	3	Explosion	Undetermined	N/K	3-Jul, 23:11
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:16
	2-3km WNW	Heard	2	Burst		Small arms	3-Jul, 23:17
	4-6km WNW	Heard	3	Explosion	Undetermined	N/K	3-Jul, 23:24-23:26
	2-3km NW	Heard	34	Burst		Small arms	3-Jul, 23:25-23:29
	2-4km NW	Heard	5	Burst		Cannon (30mm)	3-Jul, 23:25
2-3km WNW	Heard	4	Shot		Small	3-Jul, 23:29	

						arms	
	6-8km W	Heard	3	Explosion	Undetermined	N/K	3-Jul, 23:29-23:30
	3-5km W	Heard	3	Explosion	Undetermined	N/K	3-Jul, 23:29-23:30
	2-3km WNW	Heard	2	Burst		Small arms	3-Jul, 23:31
	3-5km W	Heard	4	Explosion	Undetermined	N/K	3-Jul, 23:36-23:37
	3-5km W	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:40
	6-8km W	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:40
	2-3km WNW	Heard	3	Burst		Small arms	3-Jul, 23:41
	2-4km WNW	Heard	2	Burst		Cannon (30mm)	3-Jul, 23:41
	3-5km W	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:45
	3-5km W	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:47
	2-3km WNW	Heard	24	Burst		Small arms	3-Jul, 23:50-23:53
	3-5km NW	Heard	5	Explosion	Undetermined	N/K	3-Jul, 23:50-23:51
	4-6km NW	Heard	3	Explosion	Undetermined	N/K	3-Jul, 23:51-23:53
	2-4km WNW	Heard	3	Burst		Cannon (30mm)	3-Jul, 23:51
	3-5km W	Heard	2	Explosion	Undetermined	N/K	3-Jul, 23:57
	6-8km W	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:58
	2-3km WNW	Heard	5	Burst		Small arms	3-Jul, 23:59
	2-4km WNW	Heard	3	Burst		Cannon (30mm)	3-Jul, 23:59
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	3-Jul, 23:59
	4-6km W	Heard	3	Explosion	Undetermined	N/K	4-Jul, 00:10-00:12
	6-8km W	Heard	3	Explosion	Undetermined	N/K	4-Jul, 00:14-00:16
	4-6km W	Heard	3	Explosion	Undetermined	N/K	4-Jul, 00:16-00:17
	6-8km W	Heard	3	Explosion	Undetermined	N/K	4-Jul, 00:18
	2-3km WNW	Heard	12	Burst		Small arms	4-Jul, 00:25-00:28
	3-5km WNW	Heard	1	Explosion	Undetermined	N/K	4-Jul, 00:26
	2-3km W	Heard	5	Burst		Small arms	4-Jul, 00:44
	6-8km NW	Heard	6	Explosion	Undetermined	N/K	4-Jul, 04:40-04:45
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km WSW	Heard	20	Explosion	Undetermined	N/K	3-Jul, 16:10-16:16
	4-7km WSW	Heard	27	Burst		HMG	3-Jul, 19:00-19:03
	4-7km WSW	Heard	3	Burst		HMG	3-Jul, 19:13
	3-5km WSW	Heard	3	Explosion		N/K	3-Jul, 21:00-21:01
	5-8km SW	Heard	12	Explosion	Undetermined	N/K	4-Jul, 13:00-13:12
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	4-Jul, 15:02
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	4-Jul, 15:21-15:23
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	4-Jul, 12:47-15:03
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	4	Projectile	WNW to ESE	N/K	3-Jul, 22:26
	3-5km SSW	Recorded	2	Projectile	WNW to ESE	N/K	3-Jul, 22:28
	3-5km SSW	Recorded	12	Projectile	WNW to ESE	N/K	3-Jul, 22:29
	2-4km SSW	Recorded	4	Projectile	ESE to WNW	N/K	4-Jul, 02:49
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km S	Recorded	1	Explosion	Airburst (assessed as inside the disengagement area)	N/K	4-Jul, 15:49
	2-3km S	Recorded	1	Explosion	Airburst. (assessed as inside the disengagement area)	N/K	4-Jul, 16:07
	2-3km SSE	Recorded	1	Explosion	Airburst (assessed as inside the	N/K	4-Jul, 16:09

					disengagement area)		
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Heard	64	Explosion	Undetermined	N/K	4-Jul, 06:50-07:16
S edge of Popasna (government-controlled, 69km W of Luhansk)	5-6km NE	Heard	20	Burst		HMG	4-Jul, 11:30-11:39
	5-6km NE	Heard	2	Explosion	Undetermined	N/K	4-Jul, 11:30-11:39
Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	1-2km WNW	Heard	18	Burst		HMG	4-Jul, 10:05
1.7km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	1-2km NNW	Heard	10	Shot		Small arms	4-Jul, 11:05
S edge of the disengagement area near Zolote (non-government-controlled, 60km W of Luhansk)	1-2km NNW	Heard	20	Burst	Assessed as inside the disengagement area	HMG	4-Jul, 11:55-11:57
	5m NNW	Heard	20	Burst	Assessed as inside the disengagement area	HMG	4-Jul, 11:55-11:57
	1-2km NNW	Heard	30	Shot	Assessed as inside the disengagement area	Small arms	4-Jul, 11:55-11:57
	5m NNW	Heard	30	Shot	Assessed as inside the disengagement area	Small arms	4-Jul, 11:55-11:57
	N/K	Heard	Uncountable	Burst		HMG	4-Jul, 11:55-11:57
	N/K	Heard	Uncountable	Shot		Small arms	4-Jul, 11:55-11:57
1.7km NE of Stepanivka (non-government-controlled, 62km W of Luhansk)	5km N	Heard	10	Burst		HMG	4-Jul, 11:30-11:59
	10km SSW	Heard	25	Explosion	Undetermined	N/K	4-Jul, 12:09-12:43
NE edge of Raivka (non-government-controlled, 16km NW of Luhansk)	5-7km W	Heard	6	Explosion	Undetermined	N/K	4-Jul, 11:50-12:10
W edge of Zolote2/Karbonit (government-controlled, 62km W of Luhansk)	20-25km S	Heard	15	Explosion	Undetermined	N/K	4-Jul, 13:05-13:10

### Map of Donetsk and Luhansk regions<sup>8</sup>



<sup>8</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).