

Table of ceasefire violations as of 19 March 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 18:41
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 18:58
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 19:12
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 19:17
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-Mar, 19:20
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	18-Mar, 19:35
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	18-Mar, 19:56
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-Mar, 20:00
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	18-Mar, 20:13
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-Mar, 20:35
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-Mar, 20:36
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	18-Mar, 20:37
	2-4km SE	Recorded	26	Projectile	ENE to WSW	N/K	18-Mar, 20:41
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	18-Mar, 21:11
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-Mar, 21:12
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-Mar, 21:14
	2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	18-Mar, 21:16
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	18-Mar, 21:23
	2-4km SE	Recorded	22	Projectile	ENE to WSW	N/K	18-Mar, 21:24
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	18-Mar, 21:27
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 21:28
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	18-Mar, 21:29
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	18-Mar, 21:41
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 21:49
	3-5km SSE	Recorded	12	Projectile	ENE to WSW	N/K	18-Mar, 21:50
	2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	18-Mar, 22:08
	2-4km SE	Recorded	1	Burst	ENE to WSW	N/K	18-Mar, 22:09
	2-4km SE	Recorded	1	Burst	ENE to WSW	N/K	18-Mar, 22:13
	2-4km SE	Recorded	1	Burst	ENE to WSW	N/K	18-Mar, 22:14
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 22:26
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-Mar, 22:27
	2-4km SE	Recorded	1	Projectile	W to E	N/K	18-Mar, 22:29
	2-4km SE	Recorded	1	Projectile	W to E	N/K	18-Mar, 22:31
	2-4km SE	Recorded	2	Burst	ENE to WSW	N/K	18-Mar, 22:31
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 22:33
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 22:35
	2-4km SE	Recorded	2	Burst	ENE to WSW	N/K	18-Mar, 22:36
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 22:40
	2-4km SE	Recorded	1	Burst	ENE to WSW	N/K	18-Mar, 22:41
	2-4km SE	Recorded	1	Burst	ENE to WSW	N/K	18-Mar, 23:15
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-Mar, 23:19
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-Mar, 23:28
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-Mar, 23:29
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Mar, 23:44	
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-Mar, 23:45	
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-Mar, 23:46	
2-4km SE	Recorded	1	Burst	N to S	N/K	18-Mar, 23:47	
3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	19-Mar, 00:38	
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	19-Mar, 02:14	
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	19-Mar, 02:16	
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 18:04	

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.

	2-4km SSE	Recorded	19	Projectile	ENE to WSW	N/K	19-Mar, 18:06
	2-4km SSE	Recorded	11	Projectile	WSW to ENE	N/K	19-Mar, 18:16
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km S	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:39
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	18-Mar, 18:39
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	18-Mar, 18:44
	0.5-1km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 20:19
	2-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	18-Mar, 20:25
	0.5-1km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 20:31
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 20:41
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 21:11
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 21:23
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 21:23
	1-2km SSE	Recorded	1	Muzzle flash		N/K	18-Mar, 21:23
	1-2km SSE	Recorded	2	Muzzle flash		N/K	18-Mar, 21:40
	1-2km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 21:40
	1-2km SSE	Recorded	2	Projectile	E to W	N/K	18-Mar, 21:52
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:03
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:22
0.5-1.5km SSW	Recorded	1	Projectile	W to E	N/K	19-Mar, 01:10	
1-2km S	Recorded	1	Projectile	W to E	N/K	19-Mar, 01:36	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ENE	Recorded	1	Projectile	N to S	N/K	18-Mar, 18:15
	1-2km E	Recorded	4	Muzzle flash		N/K	18-Mar, 18:15
	1-2km E	Recorded	1	Projectile	S to N	N/K	18-Mar, 18:16
	1-2km E	Recorded	1	Projectile	S to N	N/K	18-Mar, 18:17
	1-2km ENE	Recorded	2	Projectile	N to S	N/K	18-Mar, 18:18
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	18-Mar, 18:18
	1-2km ENE	Recorded	4	Projectile	N to S	N/K	18-Mar, 18:19
	1-2km ENE	Recorded	1	Muzzle flash		N/K	18-Mar, 18:19
	1-2km ENE	Recorded	1	Muzzle flash		N/K	18-Mar, 18:20
	1-2km E	Recorded	1	Explosion	Airburst	N/K	18-Mar, 18:21
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:23
	1-2km E	Recorded	1	Projectile	N to S	N/K	18-Mar, 18:23
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	18-Mar, 18:24
	1-2km E	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:25
	1-2km E	Recorded	2	Projectile	S to N	N/K	18-Mar, 18:27
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:27
1-2km E	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:27	
1-2km E	Recorded	1	Projectile	In vertical flight	N/K	18-Mar, 18:45	
1-2km E	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 18:45	
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Illumination flare	W to E	N/K	19-Mar, 00:51
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	4-7km SSE	Recorded	1	Projectile	E to W	N/K	18-Mar, 22:25
	4-7km SSE	Recorded	1	Projectile	W to E	N/K	18-Mar, 22:30
	4-7km S	Recorded	3	Projectile	E to W	N/K	18-Mar, 23:48
SE part of Avdiivka (government-controlled, 17km N of Donetsk city centre)	1-2km SE	Heard	1	Burst		HMG	19-Mar, 09:28
	2-3km SE	Heard	14	Shot		Small arms	19-Mar, 10:02-10:28
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	19-Mar, 10:02-10:28
	1-2km SE	Heard	1	Burst		Small arms	19-Mar, 11:02
	1-3km SE	Heard	17	Burst		HMG	19-Mar, 11:17-11:24
	1-3km SE	Heard	8	Shot		Small arms	19-Mar, 11:17-11:24
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:02
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:13

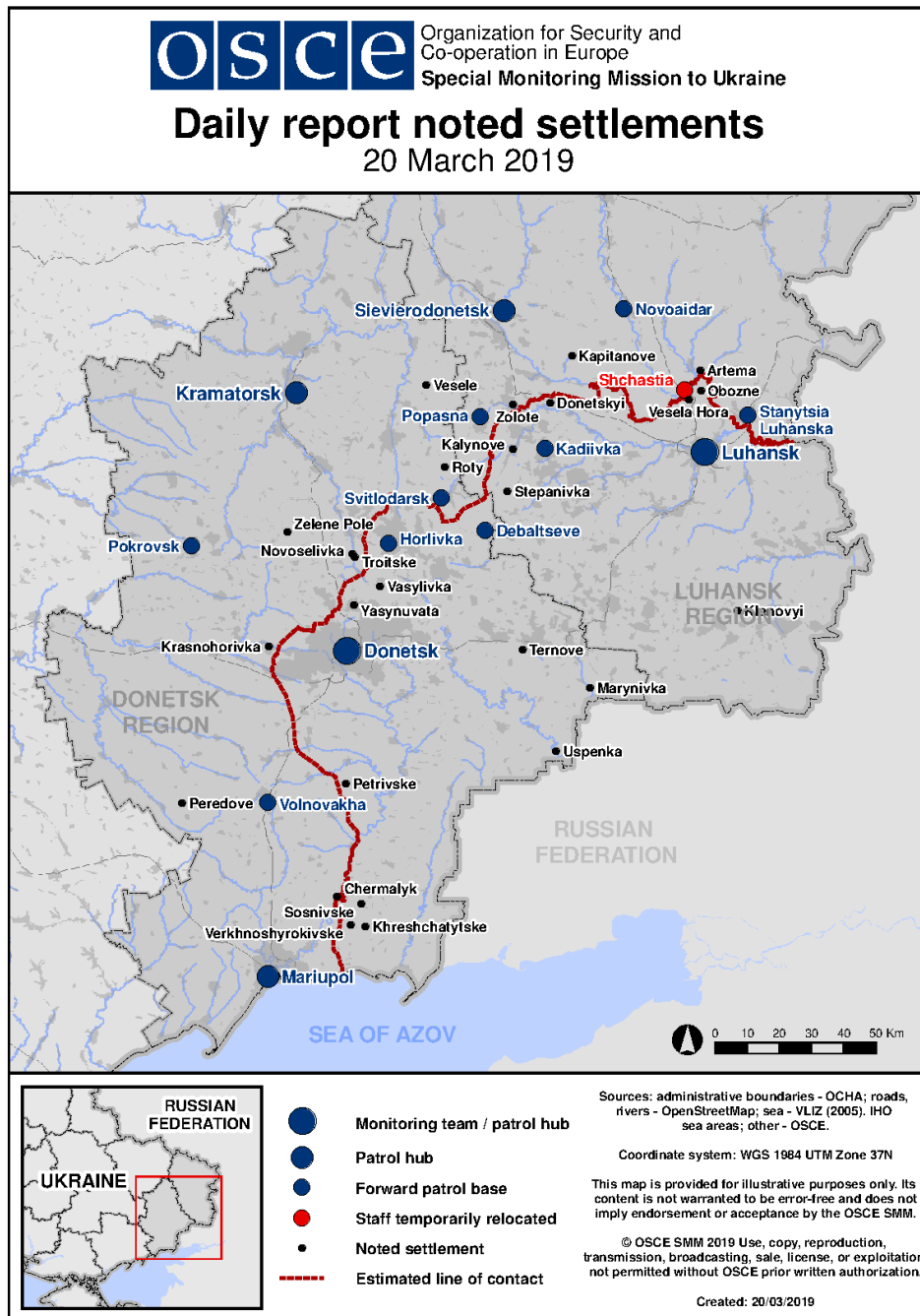
	1-2km SE	Heard	1	Burst		HMG	19-Mar, 13:44
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km S	Heard	4	Shot	Assessed as outside of disengagement area	Small arms	19-Mar, 10:04
	2-3km W	Heard	21	Burst	Assessed as outside of disengagement area	Small arms	19-Mar, 10:22
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	2	Explosion	Undetermined	Mortar (type N/K)	19-Mar, 09:30-09:31
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 09:48-09:53
	3-4km S	Heard	25	Shot	Assessed as possible live-fire exercise within the security zone	Small arms	19-Mar, 09:51-09:54
	3-4km S	Heard	20	Shot	Assessed as possible live-fire exercise within the security zone	Small arms	19-Mar, 10:05-10:07
	4-5km N	Heard	1	Explosion	Undetermined	N/K	19-Mar, 10:06
	3-4km S	Heard	3	Shot	Assessed as possible live-fire exercise within the security zone	Small arms	19-Mar, 10:09
	2-3km S	Heard	800	Shot and bursts	Assessed as possible live-fire exercise within the security zone	Small arms	19-Mar, 11:35-11:50
	2-3km SW	Heard	50	Shot		HMG	19-Mar, 12:52-12:55
	1-2km SW	Heard	2	Shot		Small arms	19-Mar, 13:22
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:27
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:59
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 10:28
About 2.8km NNW of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 10:50
	1-3km WSW	Heard	1	Burst		HMG	19-Mar, 10:54
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:04
	N/K E	Heard	1	Shot		Small arms	19-Mar, 09:56
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 09:56
	3-5km SE	Heard	2	Burst		HMG	18-Mar, 18:38-18:39
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	5	Burst		Small arms	18-Mar, 20:40-20:43
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	18-Mar, 21:08-21:09
	3-5km SE	Heard	6	Burst		Small arms	18-Mar, 21:10-21:11
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	18-Mar, 21:11-21:13
	3-5km E	Heard	3	Burst		HMG	18-Mar, 21:17-21:18
	3-5km E	Heard	3	Burst		Small arms	18-Mar, 21:18-21:19

	3-5km SE	Heard	4	Burst		HMG	18-Mar, 21:22-21:24
	3-5km SE	Heard	5	Burst		Small arms	18-Mar, 21:24-21:26
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	18-Mar, 21:28-21:29
	3-5km SE	Heard	4	Burst		Small arms	18-Mar, 21:28-21:29
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	18-Mar, 21:37-21:38
	3-5km SE	Heard	4	Burst		HMG	18-Mar, 21:37-21:39
	3-5km SE	Heard	4	Explosion	Undetermined	N/K	18-Mar, 21:47-21:48
	3-5km SE	Heard	5	Burst		Small arms	18-Mar, 21:48-21:49
	3-5km SE	Heard	5	Burst		Small arms	18-Mar, 22:32-22:33
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 09:47
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 10:14
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 10:47
	4-5km E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:08
	4-5km E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:20
	3-4km E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:18
	3-4km E	Heard	3	Burst		Small arms	19-Mar, 17:20-17:21
	6-7km E	Heard	2	Explosion	Undetermined	N/K	19-Mar, 17:20-17:21
500m SE of Nelipivka (government-controlled, 40km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 11:17
About 5.4km N of Horlivka (non-government-controlled, 39km NE of Donetsk)	2km NW	Heard	20	Explosion	Undetermined	N/K	19-Mar, 11:29-11:30
	2km NW	Heard	5	Burst	Undetermined	HMG	19-Mar, 11:29-11:30
	2km NW	Heard	5	Shot	Undetermined	Small arms	19-Mar, 11:29-11:30
About 500m NE of Kamianka (government-controlled, 23km N of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:13
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 12:20
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 12:24
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km SE	Recorded	3	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	18-Mar, 21:00
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-4km S	Heard	400	Explosion	Both outgoing and impact	N/K	19-Mar, 08:05-09:10
	2-3km SSE	Heard	20	Shot and burst		N/K	19-Mar, 09:20-09:30
	2-3km S	Heard	150	Explosion	Undetermined	N/K	19-Mar, 11:35-12:30
	4km S	Heard and saw	1	Explosion	Impact	N/K	19-Mar, 13:30
E edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km SE	Heard	20	Explosion	Undetermined	Mortar (type N/K)	19-Mar, 10:16-10:20
	4km S	Heard	112	Explosion	Undetermined	N/K	13-Mar, 15:07-17:05
	4km S	Heard	50	Burst		HMG	13-Mar, 15:07-15:30
Zolote-1/Soniachnyi (government-controlled, 61km NW of Luhansk)	2-3km SSE	Heard	15	Burst	Assessed as outside the disengagement area	HMG	19-Feb, 08:40-08:55

	2-3km SSW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Feb, 08:40-08:55
1.3km NNW of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	2-4km SW	Heard	38	Shot	Assessed as outside the disengagement area	HMG	19-Mar, 08:48-09:08
	2-4km SW	Heard	52	Burst	Assessed as outside the disengagement area	HMG	19-Mar, 08:48-09:08
	2-4km SW	Heard	63	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Mar, 08:48-09:08
N edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	8-10km SSW	Heard	19	Burst		HMG	19-Mar, 08:50-09:10
	8-10km SSW	Heard	15	Explosion	Undetermined	N/K	19-Mar, 08:50-09:10
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	3-4km SSE	Heard	18	Shot		Cannon (73mm)	19-Mar, 09:08-09:22
	3-4km SSE	Heard	8	Burst		HMG	19-Mar, 09:08-09:22
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	19-Mar, 09:08-09:22
	3-4km SSE	Heard	10	Shot		Cannon (73mm)	19-Mar, 09:30-09:46
	3-4km SSE	Heard	8	Burst		HMG	19-Mar, 09:30-09:46
	3-4km SSE	Heard	3	Explosion	Undetermined	N/K	19-Mar, 09:30-09:46
	3-4km SSE	Heard	12	Burst		Small arms	19-Mar, 09:55-10:05
NW edge of Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km SSW	Heard	5	Burst		HMG	19-Mar, 09:20-09:26
	2-3km SSW	Heard	4	Explosion	Undetermined	N/K	19-Mar, 09:20-09:26
	1-2km NE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 09:20-09:26
1.4km SE of Holubivske (non-government-controlled, 51km W of Luhansk)	8-10km SW	Heard	32	Explosion	Undetermined	N/K	19-Mar, 11:55-12:25
	2-3km NE	Heard	12	Shot		Small arms	19-Mar, 11:55-12:25
	2-3km NE	Heard	2	Burst		Small arms	19-Mar, 11:55-12:25
	8-10km SW	Heard	17	Explosion	Undetermined	N/K	19-Mar, 12:45-13:35
	5-7km NE	Heard	18	Explosion	Undetermined	N/K	19-Mar, 12:45-13:35
1.7km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	2-3km SSW	Heard	7	Shot		Small arms	19-Mar, 10:10-10:23
	2-3km SSW	Heard	1	Burst		Small arms	19-Mar, 10:10-10:23
	2-3km SSW	Heard	26	Explosion	Undetermined	N/K	19-Mar, 10:10-10:23
	2-3km NNW	Heard	150	Burst		HMG	19-Mar, 14:30-14:53
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	12-18km SSE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Mar, 11:39-11:45
	12-18km SSE	Heard	5	Explosion	Undetermined	N/K	19-Mar,

					(assessed as outside the disengagement area)		11:56-12:00
	1km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Mar, 11:57
3.6km W of Kriakivka (government-controlled, 38km NW of Luhansk)	6-8km SW	Heard	7	Explosion	Undetermined	N/K	19-Mar, 12:48-12:58
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:58
Muratove (government-controlled, 51km NW of Luhansk)	4-5km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:32-13:33

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).