

Table of ceasefire violations as of 21 February 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 19:49
	3-4km SE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:31
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	1-2km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 18:18
	1-3km SE	Recorded	1	Projectile	NE to SW	N/K	20-Feb, 18:18
	1-3km S	Recorded	6	Projectile	WSW to ENE	N/K	20-Feb, 18:18
	1-3km SE	Recorded	1	Projectile	NE to SW	N/K	20-Feb, 18:19
	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 19:22
	1-3km SSE	Recorded	1	Muzzle flash		N/K	20-Feb, 19:22
	1-3km SSE	Recorded	34	Projectile	ENE to WSW	HMG	20-Feb, 19:22
	1-3km SSE	Recorded	4	Projectile	ENE to WSW	N/K	20-Feb, 19:23
	3-5km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:02
	2-4km S	Recorded	2	Projectile	W to E	N/K	20-Feb, 20:03
	4-6km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 20:05
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:12
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 20:34
	3-5km SSE	Recorded	15	Projectile	W to E	N/K	20-Feb, 21:08
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	20-Feb, 21:09
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:10
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	20-Feb, 21:16
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	20-Feb, 22:17
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:17
	8-10km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:33
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 22:34
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 22:35
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 22:36
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:37
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 22:38
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:39
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:40
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:41
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:55
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:56
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 23:29
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 23:30
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	20-Feb, 23:31
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 23:32
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	21-Feb, 00:04
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 00:05
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 00:06
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	21-Feb, 00:07
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Feb, 00:09
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	21-Feb, 00:10	
2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	21-Feb, 00:11	
2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 01:15	
2-4km SSE	Recorded	10	Projectile	WSW to ENE	N/K	21-Feb, 01:15	
2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	21-Feb, 01:37	
2-4km SSE	Recorded	16	Projectile	WSW to ENE	N/K	21-Feb, 01:38	

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	1	Projectile	ENE to WSW	N/K	21-Feb, 02:04
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	21-Feb, 02:34
	2-4km SSE	Recorded	6	Projectile	WSW to ENE	N/K	21-Feb, 02:35
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 18:46
	1-2km SSW	Recorded	3	Projectile	E to W	N/K	20-Feb, 18:53
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	20-Feb, 19:07
	0.5-1km S	Recorded	3	Projectile	E to W	N/K	20-Feb, 19:43
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	20-Feb, 19:47
	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 19:49
	0.8-1.5km S	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 20:11
	300-500m S	Recorded	1	Projectile	NW to SE	N/K	20-Feb, 21:02
	0.8-1.2km S	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 21:22
	1-2km S	Recorded	1	Explosion	Outgoing	N/K	20-Feb, 21:40
	0.8-1.5km S	Recorded	2	Projectile	NW to SE	N/K	20-Feb, 21:56
	0.8-1.5km S	Recorded	4	Projectile	NNW to SSE	N/K	20-Feb, 22:01
	0.8-1.5km S	Recorded	1	Projectile	NW to SE	N/K	20-Feb, 22:14
	0.8-1.5km S	Recorded	8	Projectile	NW to SE	N/K	20-Feb, 22:16
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 01:38
	0.8-1.2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Feb, 03:35
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:35
	0.8-1.2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Feb, 03:54
	0.8-1.2km S	Recorded	1	Projectile	W to E	N/K	21-Feb, 03:55
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:31
0.8-1.2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Feb, 05:39	
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	2	Projectile	NE to SW	N/K	20-Feb, 18:59
	3-4km ENE	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:03
	3-4km ENE	Recorded	8	Projectile	N to S	N/K	20-Feb, 21:08
	3-4km ENE	Recorded	16	Projectile	N to S	N/K	20-Feb, 21:09
	3-4km ENE	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:10
	3-4km ENE	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:16
	3-4km ESE	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:18
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:39
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:40
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:41
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:19
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	21-Feb, 17:50
	2-4km ESE	Recorded	5	Projectile	SSW to NNE	N/K	21-Feb, 17:51
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km WSW	Recorded	11	Projectile	N to S	N/K	20-Feb, 20:28
	2-3km WSW	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:06
	2-3km WSW	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:16
	2-3km WSW	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:19
	2-3km WSW	Recorded	1	Burst	N to S	N/K	20-Feb, 21:40
	2-3km WSW	Recorded	3	Illumination flare	In vertical flight	N/K	21-Feb, 00:37
	3-4km WSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:01
	3-4km WSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:07
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	1	Burst	WNW to ESE	N/K	20-Feb, 18:18
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km E	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 01:03
SMM camera at Oktiabr mine (non-	7-9km NE	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 19:49

government-controlled, 9km NW of Donetsk city centre)							
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	10	Projectile	E to W	N/K	20-Feb, 18:49
	2-4km SSE	Recorded	6	Projectile	E to W	N/K	20-Feb, 18:50
	2-4km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 18:59
	2-4km S	Recorded	3	Projectile	W to E	N/K	20-Feb, 20:02
	2-4km S	Recorded	2	Projectile	E to W	N/K	20-Feb, 20:02
	2-4km S	Recorded	3	Projectile	W to E	N/K	20-Feb, 20:03
	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:12
	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:31
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	20-Feb, 21:34
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	20-Feb, 21:39
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:41
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 22:24
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:31
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 22:44
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 22:59
	2-4km S	Recorded	2	Projectile	E to W	N/K	20-Feb, 23:01
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 23:03
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 23:27
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	20-Feb, 23:50
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	21-Feb, 00:24
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 00:35
	2-4km S	Recorded	1	Projectile	W to E	N/K	21-Feb, 00:58
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 01:28
	2-4km S	Recorded	4	Projectile	E to W	N/K	21-Feb, 02:22
	2-4km S	Recorded	2	Projectile	E to W	N/K	21-Feb, 02:23
	2-4km SSE	Recorded	3	Projectile	E to W	N/K	21-Feb, 03:12
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:19
	2-4km S	Recorded	2	Projectile	E to W	N/K	21-Feb, 17:58
	SMM camera 1km SW of Shyrokyne (government-controlled, 20km E of Mariupol)	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K
2-4km NNE		Recorded	2	Projectile	ESE to WNW	N/K	21-Feb, 01:09
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:40
	3-4km SW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:41
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:43
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:50
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 11:00

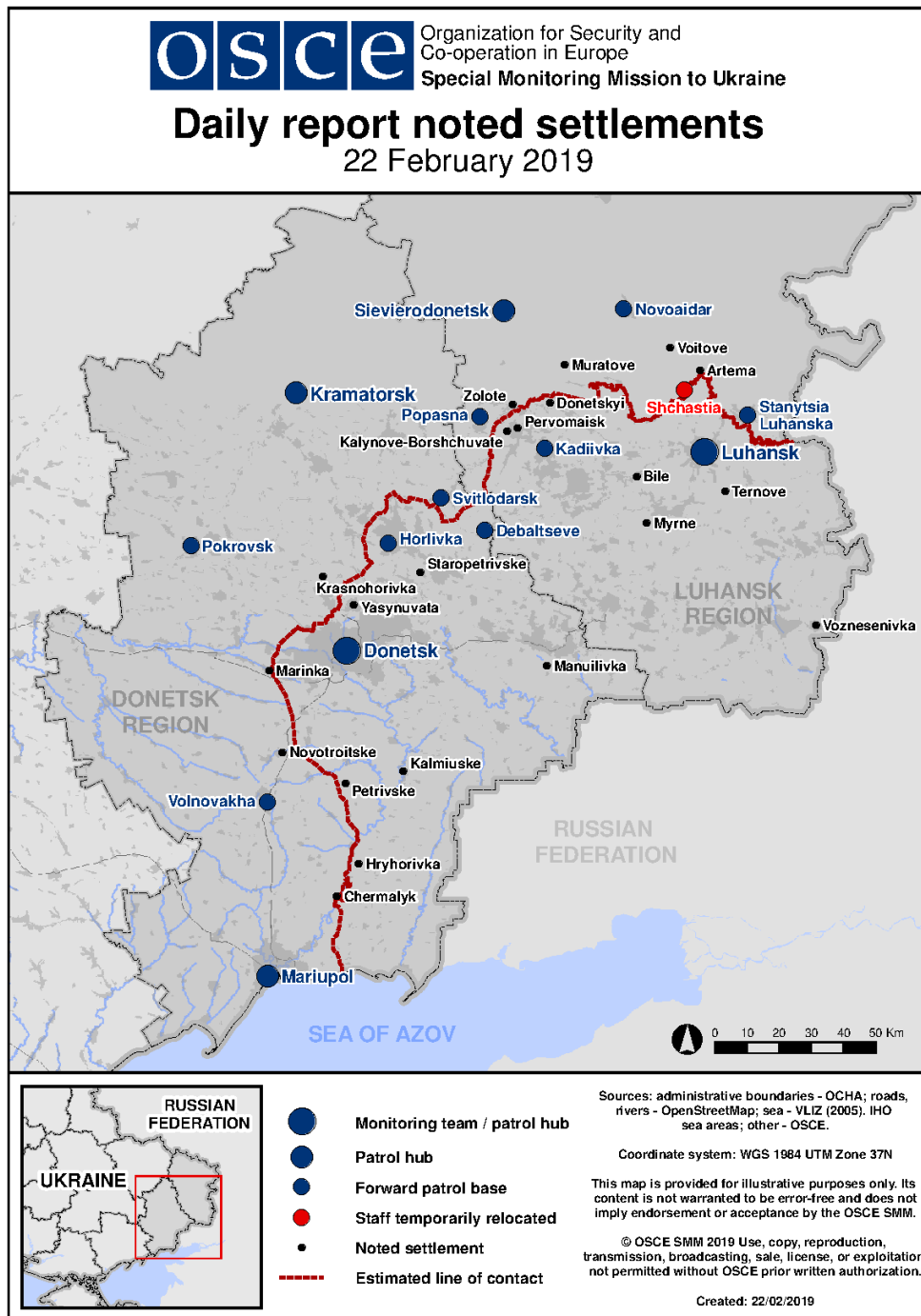
	2-3km SSW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 11:15
About 2.5km NNW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 10:43
	2-3km SSW	Heard	7	Explosion	Undetermined	N/K	21-Feb, 10:47
	2-3km S	Heard	4	Explosion	Undetermined	N/K	21-Feb, 10:47
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SSW	Heard	6	Shot		Small arms	21-Feb, 09:10
	2km W	Heard	2	Shot		Small arms	21-Feb, 09:12
	2-3km SW	Heard	10	Shot		Small arms	21-Feb, 09:13
	2-3km NW	Heard	1	Shot		Small arms	21-Feb, 09:41
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 09:42
	2-3km SW	Heard	5	Burst		Small arms	21-Feb, 09:43
	1-3km SW	Heard	1	Explosion	Outgoing	Mortar (type N/K)	21-Feb, 10:14
	3-4km SW	Heard	3	Explosion	Impact	N/K	21-Feb, 10:17
	2km N	Heard	2	Shot		Cannon (30mm)	21-Feb, 12:34
	2km N	Heard	6	Shot		Cannon (30mm)	21-Feb, 12:35
	2km N	Heard	1	Burst		HMG	21-Feb, 12:36
	2km N	Heard	1	Shot		Small arms	21-Feb, 12:37
	2-3km SW	Heard	1	Shot		Small arms	21-Feb, 12:57
	2km N	Heard	2	Shot		Small arms	21-Feb, 12:58
	2.5km WSW	Heard	6	Shot		Small arms	21-Feb, 12:59
	2km N	Heard	2	Shot		Cannon (30mm)	21-Feb, 13:00
	2km N	Heard	2	Shot		Cannon (30mm)	21-Feb, 13:02
	2km N	Heard	4	Shot		Cannon (30mm)	21-Feb, 13:03
	2-3km N	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:04
	2km N	Heard	4	Shot		Cannon (30mm)	21-Feb, 13:05
	2km N	Heard	6	Shot		Cannon (30mm)	21-Feb, 13:08
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:31
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:38
	2-3km N	Heard	20	Shot		Small arms	21-Feb, 13:42
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 13:52-13:53
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 13:54
	2-3km SW	Heard	1	Explosion	Impact	N/K	21-Feb, 13:56
2-3km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:57	
8.5km NW of non-government-	1-3km NW	Heard	7	Explosion	Undetermined	N/K	21-Feb, 11:33-11:55

controlled Donetsk city centre							
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	21-Feb, 11:58
Novohnativka (government-controlled, 40km S of Donetsk)	N/K SE	Heard	2	Explosion	Undetermined	N/K	21-Feb, 10:57
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:49
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:16
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:23
	4-5km S	Heard	8	Burst		HMG	20-Feb, 21:24-21:25
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:27
	4-5km SW	Heard	3	Burst		HMG	20-Feb, 21:28
	5-6km S	Heard	4	Explosion	Undetermined	N/K	20-Feb, 21:40-21:50
	4-5km SSW	Heard	9	Burst		HMG	20-Feb, 21:56-21:59
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 22:00
	4-5km S	Heard	4	Burst		HMG	20-Feb, 22:56
	4-5km S	Heard	3	Burst		HMG	20-Feb, 23:04
	6-7km S	Heard	1	Explosion	Undetermined	N/K	21-Feb, 12:49
	5-6km SSW	Heard	3	Explosion	Undetermined	N/K	21-Feb, 15:45
	5-6km SSW	Heard	4	Explosion	Undetermined	N/K	21-Feb, 15:58
	5-6km SSW	Heard	2	Burst		HMG	21-Feb, 16:03
	Horlivka (non-government-controlled, 39km NE of Donetsk)	6-8km WNW	Heard	3	Burst		Cannon (30mm)
6-8km WNW		Heard	5	Burst		HMG	20-Feb, 18:30
6-8km WNW		Heard	3	Explosion	Undetermined	N/K	20-Feb, 18:33-18:35
6-8km WNW		Heard	3	Explosion	Undetermined	N/K	20-Feb, 18:39
6-8km WNW		Heard	1	Explosion	Undetermined	N/K	20-Feb, 18:55
5-6km W		Heard	2	Explosion	Undetermined	N/K	20-Feb, 19:01
6-8km WNW		Heard	10	Explosion	Undetermined	N/K	20-Feb, 19:25-19:30
6-8km WNW		Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:43
6-7km WNW		Heard		Shot and burst	Uncountable, overlapping	Other	20-Feb, 20:00-20:02
6-8km WNW		Heard	3	Burst		HMG	20-Feb, 20:03
6-8km WNW		Heard	1	Explosion	Undetermined	N/K	20-Feb, 20:04
6-8km WNW		Heard	1	Burst		Cannon (30mm)	20-Feb, 20:16
6-8km WNW		Heard	5	Explosion	Undetermined	N/K	20-Feb, 20:39-20:41
6-8km WNW		Heard	10	Burst		Cannon (30mm)	20-Feb, 20:53
6-8km WNW		Heard	2	Explosion	Undetermined	N/K	20-Feb, 20:59
6-8km WNW		Heard	1	Burst		HMG	20-Feb, 21:00
6-8km WNW	Heard	4	Explosion	Undetermined	N/K	20-Feb, 21:02-21:06	
5-7km WNW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:08	
6-8km WNW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:11	
6-8km WNW	Heard	1	Burst		HMG	20-Feb, 21:14	
6-8km WNW	Heard	5	Explosion	Undetermined	N/K	20-Feb, 21:15-21:16	

	6-8km WNW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:25
	6-8km WNW	Heard		Shot and Burst	Uncountable, overlapping	Other	20-Feb, 21:50-21:52
	6-8km WNW	Heard	3	Burst		HMG	20-Feb, 21:57
	5-7km WNW	Heard	2	Burst		HMG	20-Feb, 22:35
	6-8km WNW	Heard	2	Explosion	Undetermined	N/K	20-Feb, 22:56
	5-6km W	Heard	4	Explosion	Undetermined	N/K	20-Feb, 23:08
E edge of Holmivskiyi (non-government controlled, 49km NE of Donetsk)	2-3km NE	Heard	1	Burst		HMG	21-Feb, 09:59
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-6km SE	Heard	4	Explosion	Undetermined	N/K	21-Feb, 10:48
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:31
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	1	Projectile	ESE to WNW	N/K	20-Feb, 19:51
	5-7km SSW	Recorded	3	Projectile	In vertical flight	N/K	20-Feb, 20:25
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-5km ESE	Recorded	1	Burst	N to S (assessed as outside the disengagement area)	N/K	20-Feb, 23:34
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	5-7km SW	Heard	5	Shot		HMG	21-Feb, 09:25-09:27
Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1-2km NW	Heard	31	Burst	Unable to assess whether inside or outside the disengagement area	Small arms	21-Feb, 10:08-10:33
	1-2km NW	Heard	4	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	21-Feb, 10:08-10:33
	1-2km NW	Heard	3	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	21-Feb, 10:08-10:33
Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km WSW	Heard	40	Shot	Assessed as outside the Zolote disengagement area	Small arms	21-Feb, 10:10-10:17
E outskirts of Holubivske	2-3km N	Heard	2	Explosion	Undetermined	Mortar (type)	21-Feb, 10:32

(non-government-controlled, 51km W of Luhansk)						N/K)	
N edge of Muratove (government-controlled, 51km NW of Luhansk)	3-4km SW	Heard	5	Burst		HMG	21-Feb, 10:45-10:46
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 10:49
	3-4km SW	Heard	100	Shot		Small arms	21-Feb, 10:56-11:15
	3-4km SW	Heard	2	Burst		HMG	21-Feb, 11:07
2km S of Muratove (government-controlled, 51km NW of Luhansk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 12:07
	2-5km S	Heard	14	Burst		HMG	21-Feb, 12:40-12:43
1.5km NE of Dachne (non-government-controlled, 47km W of Luhansk)	3-4km NNW	Heard	2	Explosion	Undetermined	Mortar (type N/K)	21-Feb, 11:25-11:38
	2-3km NNW	Heard	3	Shot		Small arms	21-Feb, 11:25-11:38
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	8-10km NW	Heard	4	Explosion	Undetermined	Mortar (type N/K)	21-Feb, 11:56-12:13
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 20:51

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).