

Table of ceasefire violations as of 3 March 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	4	Projectile	W to E	N/K	1-Mar, 22:12
	2-4km SSE	Recorded	22	Projectile	W to E	N/K	1-Mar, 22:13
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 18:39
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 19:07
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	1-Mar, 19:13
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	1-Mar, 19:14
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	1-Mar, 19:32
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	1-Mar, 19:34
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	1-Mar, 19:34
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	1-Mar, 19:42
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	1-Mar, 19:46
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 19:46
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	1-Mar, 20:01
2-4km SSE	Recorded	2	Projectile	E to W	N/K	1-Mar, 21:17	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-600m S	Recorded	2	Projectile	WNW to ESE	N/K	1-Mar, 18:26
	300-600m S	Recorded	2	Projectile	WNW to ESE	N/K	1-Mar, 18:28
	300-600m S	Recorded	1	Projectile	WNW to ESE	N/K	1-Mar, 18:49
	1-2km SSW	Recorded	4	Projectile	W to E	N/K	1-Mar, 18:52
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	1-Mar, 18:54
	1-3km SSW	Recorded	1	Illumination flare	W to E	N/K	1-Mar, 19:06
	1-2km SSW	Recorded	11	Projectile	NW to SE	N/K	1-Mar, 20:59
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Mar, 21:00
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Mar, 22:48
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	1-Mar, 23:16
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 00:01
	0.5-1km S	Recorded	1	Projectile	ESE to WNW	N/K	2-Mar, 00:14
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 02:42
	1-2km SSE	Recorded	1	Projectile	W to E	N/K	2-Mar, 02:42
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	2-Mar, 02:42
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 02:43
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 03:12
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	2-Mar, 03:43
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 05:00
	300-500m S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 17:37
200-500m SSW	Recorded	7	Projectile	WNW to ESE	N/K	2-Mar, 17:45	
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Mar, 18:24
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	1-Mar, 18:24
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	1-Mar, 19:34
SMM camera E	2-4km ENE	Recorded	2	Projectile	S to N	N/K	1-Mar, 20:53

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.

of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km E	Recorded	2	Explosion	Undetermined	N/K	1-Mar, 20:59
	2-4km E	Recorded	1	Projectile	S to N	N/K	1-Mar, 20:59
	2-4km E	Recorded	1	Burst	S to N	N/K	2-Mar, 02:56
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	1	Projectile	S to N	N/K	1-Mar, 18:07
	1-3km ENE	Recorded	1	Projectile	S to N	N/K	1-Mar, 18:09
	1-3km ENE	Recorded	4	Projectile	S to N	N/K	1-Mar, 18:10
	1-3km ENE	Recorded	4	Projectile	S to N	N/K	1-Mar, 18:11
	1-3km ENE	Recorded	4	Projectile	S to N	N/K	1-Mar, 18:21
	1-3km ENE	Recorded	1	Projectile	S to N	N/K	1-Mar, 18:22
	1-3km ENE	Recorded	1	Projectile	S to N	N/K	1-Mar, 18:24
	1-3km ENE	Recorded	1	Explosion	Impact	N/K	1-Mar, 18:34
	1-3km ENE	Recorded	9	Projectile	S to N	N/K	1-Mar, 18:35
	1-3km ENE	Recorded	1	Projectile	S to N	N/K	1-Mar, 18:36
	1-3km ENE	Recorded	1	Projectile	N to S	N/K	1-Mar, 18:43
	1-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Mar, 19:21
	1-3km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Mar, 19:35
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	1-Mar, 23:33
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 01:10
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Mar, 21:01
	1-3km N	Recorded	2	Explosion	Undetermined	N/K	1-Mar, 21:07
	1-3km NNE	Recorded	1	Projectile	SSE to NNW	N/K	1-Mar, 21:13
	1-3km NNE	Recorded	12	Projectile	SE to NW	N/K	1-Mar, 21:17
	1-3km NNE	Recorded	3	Burst	SSE to NNW	N/K	1-Mar, 21:24
	1-3km NNE	Recorded	1	Projectile	SE to NW	N/K	1-Mar, 21:25
	1-3km NNE	Recorded	3	Projectile	W to E	N/K	2-Mar, 01:48
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	2-Mar, 01:49
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	3	Projectile	E to W	N/K	1-Mar, 19:27
	2-4km S	Recorded	1	Projectile	E to W	N/K	1-Mar, 19:27
	2-4km S	Recorded	1	Projectile	W to E	N/K	1-Mar, 19:34
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	1-Mar, 19:36
	2-4km S	Recorded	2	Projectile	E to W	N/K	1-Mar, 19:46
	2-4km S	Recorded	4	Projectile	ENE to WSW	N/K	1-Mar, 20:01
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 20:04
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 20:05
	2-4km S	Recorded	5	Projectile	ENE to WSW	N/K	1-Mar, 20:22
	2-4km S	Recorded	1	Projectile	E to W	N/K	1-Mar, 20:23
	2-4km S	Recorded	1	Muzzle flash		N/K	1-Mar, 20:23
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-Mar, 20:25
	2-4km S	Recorded	3	Projectile	ENE to WSW	N/K	1-Mar, 20:27
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 20:45
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 20:46
	2-4km S	Recorded	4	Projectile	ENE to WSW	N/K	1-Mar, 20:47
	2-4km S	Recorded	2	Projectile	NE to SW	N/K	1-Mar, 20:53
	2-4km S	Recorded	3	Projectile	ENE to WSW	N/K	1-Mar, 20:54
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 21:49
	2-4km S	Recorded	3	Projectile	ENE to WSW	N/K	1-Mar, 22:12
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 22:42
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-Mar, 22:42
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	1-Mar, 22:43
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-Mar, 23:13
	2-4km S	Recorded	2	Projectile	NW to SE	N/K	1-Mar, 23:37
	2-4km S	Recorded	3	Projectile	W to E	N/K	1-Mar, 23:37
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 23:41
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Mar, 23:44
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	1-Mar, 23:47
	2-4km S	Recorded	8	Projectile	W to E	N/K	2-Mar, 00:02
	2-4km S	Recorded	12	Projectile	In vertical flight	N/K	2-Mar, 00:02
	2-4km S	Recorded	3	Projectile	W to E	N/K	2-Mar, 00:06

	2-4km S	Recorded	4	Projectile	W to E	N/K	2-Mar, 00:22
	2-4km S	Recorded	5	Projectile	ENE to WSW	N/K	2-Mar, 00:47
	2-4km S	Recorded	1	Projectile	W to E	N/K	2-Mar, 01:02
	2-4km S	Recorded	1	Projectile	E to W	N/K	2-Mar, 01:44
	2-4km S	Recorded	2	Projectile	E to W	N/K	2-Mar, 02:30
	2-4km S	Recorded	30	Projectile	In vertical flight	N/K	2-Mar, 02:56
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	2-Mar, 03:09
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	2-Mar, 03:11
	2-4km S	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 03:21
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	2-Mar, 03:58
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	2-Mar, 18:11
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km E	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 17:55
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NW	Heard	2	Explosion	Undetermined	N/K	2-Mar, 09:17
WNW edge of Petrovskiyi district (non-government-controlled, 15km SW of Donetsk)	0.5-1km E	Heard	1	Explosion	Outgoing	N/K	2-Mar, 10:51
	0.5-1km E	Heard	1	Explosion	Outgoing	N/K	2-Mar, 10:52
Trudivski area of Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1-2km WSW	Heard	3	Explosion	Undetermined	N/K	2-Mar, 10:58-11:01
	1-2km WSW	Heard	2	Burst		HMG	2-Mar, 11:05
	1km WSW	Heard	1	Shot		Small arms	2-Mar, 11:05
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	3-4km NW	Heard	181	Burst		Small arms	2-Mar, 08:54-09:15
	3-4km NW	Heard	42	Shot		Small arms	2-Mar, 08:54-09:15
	3-4km NW	Heard	94	Explosion	Undetermined	N/K	2-Mar, 08:54-09:15
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 09:35
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 09:48
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km N	Heard	1	Explosion	Undetermined	N/K	2-Mar, 09:28
	2-4km N	Heard	1	Explosion	Undetermined	N/K	2-Mar, 09:31
	1-2km N	Heard	1	Burst		Small arms	2-Mar, 09:31
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 09:38
	2-4km SW	Heard	2	Explosion	Undetermined	N/K	2-Mar, 12:43
	2-4km N	Heard	1	Explosion	Undetermined	N/K	2-Mar, 12:47
	2-4km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 12:55
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 13:05
	1-2km SW	Heard	4	Shot		Small arms	2-Mar, 13:06
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 13:34
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 13:35
Svitlodarsk (government-controlled,	3-5km WSW	Heard	5	Burst		Small arms	1-Mar, 21:35
	3-5km WSW	Heard	5	Burst		Small	1-Mar, 21:45-

57km NE of Donetsk)						arms	21:47
	3-5km WSW	Heard	12	Burst		Small arms	1-Mar, 21:50-21:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	6-8km SW	Heard	3	Explosion	Undetermined	N/K	1-Mar, 19:23-19:27
	4-6km SW	Heard	2	Burst		HMG	1-Mar, 19:34-19:35
	6-8km NW	Heard	1	Burst		HMG	1-Mar, 20:48
	6-8km NW	Heard	2	Burst		HMG	1-Mar, 21:03
	6-8km NW	Heard	1	Burst		HMG	1-Mar, 21:11
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	1-Mar, 21:12
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	1-Mar, 22:46
	6-8km NW	Heard	5	Explosion	Undetermined	N/K	2-Mar, 00:34-00:37
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 00:56
	5-8km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 01:16
	6-8km NW	Heard	2	Explosion	Undetermined	N/K	2-Mar, 02:16
	4-6km NW	Heard	1	Burst		HMG	2-Mar, 02:39
	4-6km NW	Heard	2	Explosion	Undetermined	N/K	2-Mar, 02:39-02:40
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	1-Mar, 19:44
	2-4km E	Recorded	3	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	1-Mar, 20:53
	4-6km ENE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-Mar, 21:11
	2-4km SE	Recorded	5	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	1-Mar, 21:50
	1-3km E	Recorded	1	Projectile	W to E (assessed as outside the disengagement area)	N/K	1-Mar, 22:17
	2-4km SE	Recorded	3	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	1-Mar, 23:12
	2-4km E	Recorded	2	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	1-Mar, 23:38
	2-4km SE	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	2-Mar, 03:07
	2-4km E	Recorded	3	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	2-Mar, 04:13

SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SW	Recorded	2	Explosion	Undetermined	N/K	1-Mar, 23:04
Kalynove (non-government-controlled, 60km W of Luhansk)	4-6km W	Heard	2	Explosion	Undetermined	N/K	2-Mar, 09:16-09:25
Kruta Hora (non-government-controlled, 16km NW of Luhansk)	2-3km N	Heard	21	Shot		Small arms	2-Mar, 09:37-09:42
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	2-Mar, 19:52
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Mar, 19:54
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Mar, 20:45
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	2-Mar, 21:11
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	2-Mar, 21:12
	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	2-Mar, 21:45
	3-5km SSE	Recorded	2	Projectile	NNE to SSW	N/K	2-Mar, 22:56
	3-5km SSE	Recorded	3	Projectile	NNE to SSW	N/K	2-Mar, 23:38
	2-4km SSE	Recorded	15	Projectile	ENE to WSW	N/K	3-Mar, 00:30
	2-4km SSE	Recorded	21	Projectile	WSW to ENE	N/K	3-Mar, 00:33
	2-4km SSE	Recorded	1	Burst	WSW to ENE	N/K	3-Mar, 00:58
	2-4km SSE	Recorded	8	Projectile	NNE to SSW	N/K	3-Mar, 00:58
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	3-Mar, 01:01
	2-4km SSE	Recorded	10	Projectile	ENE to WSW	N/K	3-Mar, 01:25
	2-4km SSE	Recorded	14	Projectile	WSW to ENE	N/K	3-Mar, 01:27
	2-4km SSE	Recorded	16	Projectile	ENE to WSW	N/K	3-Mar, 01:31
	2-4km SSE	Recorded	1	Burst	WSW to ENE	N/K	3-Mar, 01:32
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 01:50
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Mar, 01:52
	2-4km SSE	Recorded	1	Burst	WSW to ENE	N/K	3-Mar, 02:07
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	3-Mar, 02:07
	2-4km SSE	Recorded	12	Projectile	WNW to ESE	N/K	3-Mar, 02:08
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	3-Mar, 02:15
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	3-Mar, 02:32
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	3-Mar, 02:43
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	3-Mar, 02:45
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	3-Mar, 03:30
	2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	3-Mar, 03:44
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 03:46
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	3-Mar, 03:47
2-4km SE	Recorded	18	Projectile	ENE to WSW	N/K	3-Mar, 04:31	
4-6km SSE	Recorded	2	Projectile	W to E	N/K	3-Mar, 04:44	
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Mar, 05:02	
2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	3-Mar, 05:03	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	5	Explosion	Undetermined	N/K	2-Mar, 17:51
	200-500m SSW	Recorded	5	Projectile	WNW to ESE	N/K	2-Mar, 17:52
	200-500m SSW	Recorded	1	Projectile	NNW to SSE	N/K	2-Mar, 17:52
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 17:52
	200-500m SSW	Recorded	5	Projectile	WSW to ENE	N/K	2-Mar, 17:52
	200-500m SSW	Recorded	1	Projectile	SSE to NNW	N/K	2-Mar, 17:53
	1-2km S	Recorded	1	Projectile	W to E	N/K	2-Mar, 17:53
	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 17:54
0.8-1km S	Recorded	1	Muzzle flash		N/K	2-Mar, 17:54	
0.8-1km S	Recorded	2	Explosion	Undetermined	N/K	2-Mar, 17:55	

0.8-1km S	Recorded	6	Muzzle flash		N/K	2-Mar, 17:55
0.3-1km S	Recorded	2	Projectile	SSE to NNW	N/K	2-Mar, 17:55
0.8-1km S	Recorded	5	Muzzle flash		N/K	2-Mar, 17:56
0.2-1km S	Recorded	4	Projectile	S to N	N/K	2-Mar, 17:56
0.3-1km S	Recorded	1	Projectile	SSW to NNE	N/K	2-Mar, 17:56
0.8-1km S	Recorded	1	Explosion	Impact	N/K	2-Mar, 17:57
0.8-1km S	Recorded	1	Muzzle flash		N/K	2-Mar, 17:57
0.3-1km S	Recorded	3	Projectile	S to N	N/K	2-Mar, 17:59
1-2km S	Recorded	1	Illumination flare	In vertical flight	N/K	2-Mar, 18:00
300-500m SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:00
0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:01
0.5-1km S	Recorded	1	Muzzle flash		N/K	2-Mar, 18:02
0.2-1km S	Recorded	2	Projectile	S to N	N/K	2-Mar, 18:02
0.2-1km S	Recorded	1	Projectile	N to S	N/K	2-Mar, 18:02
0.3-1km S	Recorded	4	Projectile	S to N	N/K	2-Mar, 18:03
0.3-1km S	Recorded	6	Projectile	NW to SE	N/K	2-Mar, 18:03
0.5-1km S	Recorded	2	Explosion	Impact	N/K	2-Mar, 18:03
0.3-1km S	Recorded	2	Projectile	S to N	N/K	2-Mar, 18:04
0.3-1km S	Recorded	1	Projectile	NW to SE	N/K	2-Mar, 18:04
0.3-1km S	Recorded	6	Projectile	NW to SE	N/K	2-Mar, 18:05
0.3-1km S	Recorded	1	Projectile	S to N	N/K	2-Mar, 18:05
200-500m SSW	Recorded	1	Muzzle flash		N/K	2-Mar, 18:08
200-800m SSW	Recorded	4	Projectile	NNW to SSE	N/K	2-Mar, 18:11
0.8-1km S	Recorded	2	Explosion	Impact	N/K	2-Mar, 18:11
50-500m S	Recorded	4	Projectile	WNW to ESE	N/K	2-Mar, 18:12
50-500m S	Recorded	5	Projectile	WNW to ESE	N/K	2-Mar, 18:13
200-800m SSW	Recorded	2	Projectile	NNW to SSE	N/K	2-Mar, 18:30
400-800m S	Recorded	1	Projectile	In vertical flight	N/K	2-Mar, 18:30
0.8-1km S	Recorded	1	Explosion	Impact	N/K	2-Mar, 18:30
200-500m SSW	Recorded	8	Projectile	NW to SE	N/K	2-Mar, 18:40
200-500m SSW	Recorded	3	Projectile	NW to SE	N/K	2-Mar, 18:41
200-500m SSW	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 18:42
0.2-1km S	Recorded	6	Projectile	NW to SE	N/K	2-Mar, 18:45
0.8-1km S	Recorded	2	Muzzle flash		N/K	2-Mar, 18:49
0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:49
0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:50
0.8-1km S	Recorded	2	Muzzle flash		N/K	2-Mar, 18:51
0.8-1km S	Recorded	2	Explosion	Undetermined	N/K	2-Mar, 18:51
0.5-1km S	Recorded	2	Explosion	Impact	N/K	2-Mar, 18:51
0.3-1km S	Recorded	3	Projectile	SSE to NNW	N/K	2-Mar, 18:51
0.3-1km S	Recorded	5	Projectile	SSE to NNW	N/K	2-Mar, 18:52
0.8-1km S	Recorded	2	Explosion	Impact	N/K	2-Mar, 18:52
0.3-1km S	Recorded	4	Projectile	SSE to NNW	N/K	2-Mar, 18:53
0.8-1km S	Recorded	1	Muzzle flash		N/K	2-Mar, 18:53
0.3-1km S	Recorded	3	Projectile	NW to SE	N/K	2-Mar, 18:53
0.3-1km S	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 18:54
0.3-1km S	Recorded	1	Projectile	S to N	N/K	2-Mar, 18:55
0.3-1km S	Recorded	4	Projectile	NW to SE	N/K	2-Mar, 18:55
0.3-1km S	Recorded	2	Projectile	SSE to NNW	N/K	2-Mar, 18:55
0.8-1km S	Recorded	3	Explosion		N/K	2-Mar, 18:55
0.8-1km S	Recorded	2	Explosion	Impact	N/K	2-Mar, 18:55
200-500m SSW	Recorded	2	Explosion	Undetermined	N/K	2-Mar, 18:55
0.3-1km S	Recorded	1	Projectile	NW to SE	N/K	2-Mar, 18:56
0.3-1km S	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 18:57

0.8-1km S	Recorded	1	Muzzle flash		N/K	2-Mar, 18:58
0.3-1km S	Recorded	1	Projectile	S to N	N/K	2-Mar, 18:58
0.8-1km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:58
0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 18:59
200-500m SSW	Recorded	1	Illumination flare	W to E	N/K	2-Mar, 19:03
200-500m SSW	Recorded	1	Illumination flare	W to E	N/K	2-Mar, 19:04
1-3km SSW	Recorded	5	Projectile	NW to SE	N/K	2-Mar, 19:04
1-3km SSW	Recorded	1	Muzzle flash		N/K	2-Mar, 19:04
0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	2-Mar, 19:13
0.5-1km S	Recorded	8	Projectile	SE to NW	N/K	2-Mar, 19:15
200-500m S	Recorded	6	Projectile	NW to SE	N/K	2-Mar, 19:16
200-500m S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:19
200-500m S	Recorded	6	Projectile	SE to NW	N/K	2-Mar, 19:20
200-500m SSW	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 19:20
0.8-1km SSW	Recorded	5	Explosion	Undetermined	N/K	2-Mar, 19:20
200-500m S	Recorded	1	Explosion	Impact	N/K	2-Mar, 19:20
0.8-1km SSW	Recorded	1	Projectile	W to E	N/K	2-Mar, 19:20
0.5-1km S	Recorded	3	Muzzle flash		N/K	2-Mar, 19:21
0.5-1km S	Recorded	6	Projectile	W to E	N/K	2-Mar, 19:21
300-500m S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:22
0.3-1km SSW	Recorded	5	Projectile	W to E	N/K	2-Mar, 19:22
0.3-1km S	Recorded	3	Projectile	S to N	N/K	2-Mar, 19:25
0.5-1km S	Recorded	3	Muzzle flash		N/K	2-Mar, 19:25
0.5-1km SSW	Recorded	19	Projectile	W to E	N/K	2-Mar, 19:25
0.5-1km S	Recorded	6	Muzzle flash		N/K	2-Mar, 19:26
0.5-1km S	Recorded	1	Projectile	E to W	N/K	2-Mar, 19:26
0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:26
0.5-1km S	Recorded	9	Projectile	NW to SE	N/K	2-Mar, 19:27
2-4km S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:30
0.5-1km S	Recorded	6	Projectile	E to W	N/K	2-Mar, 19:30
0.5-1km S	Recorded	5	Muzzle flash		N/K	2-Mar, 19:30
0.5-1km SSW	Recorded	2	Projectile	W to E	N/K	2-Mar, 19:31
200-500m S	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:31
0.8-1km SSW	Recorded	1	Projectile	In vertical flight	N/K	2-Mar, 19:31
0.5-1km SSW	Recorded	2	Projectile	NNW to SSE	N/K	2-Mar, 19:32
1-2km S	Recorded	2	Explosion	Undetermined	N/K	2-Mar, 19:33
0.5-1km S	Recorded	1	Projectile	NNW to SSE	N/K	2-Mar, 19:35
0.5-1km S	Recorded	1	Explosion	Airburst	N/K	2-Mar, 19:35
2-4km S	Recorded	1	Projectile	SSE to NNW	N/K	2-Mar, 19:36
3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 21:04
3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 21:26
2-4km SSW	Recorded	2	Projectile	NW to SE	N/K	2-Mar, 21:32
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 21:34
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 21:51
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 22:22
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 23:24
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 01:03
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 01:50
0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 01:51
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 01:51
2-4km SSW	Recorded	1	Projectile	NW to SE	N/K	3-Mar, 02:10
2-4km SSW	Recorded	1	Projectile	In vertical flight	N/K	3-Mar, 02:10
0.5-1km S	Recorded	1	Burst	NW to SE	N/K	3-Mar, 04:04
0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 05:07
0.7-1.5km S	Recorded	1	Projectile	SE to NW	N/K	3-Mar, 05:11
2-4km SSW	Recorded	3	Projectile	NW to SE	N/K	3-Mar, 05:31
1-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	3-Mar, 18:06
0.5-1km S	Recorded	1	Muzzle flash		N/K	3-Mar, 18:14

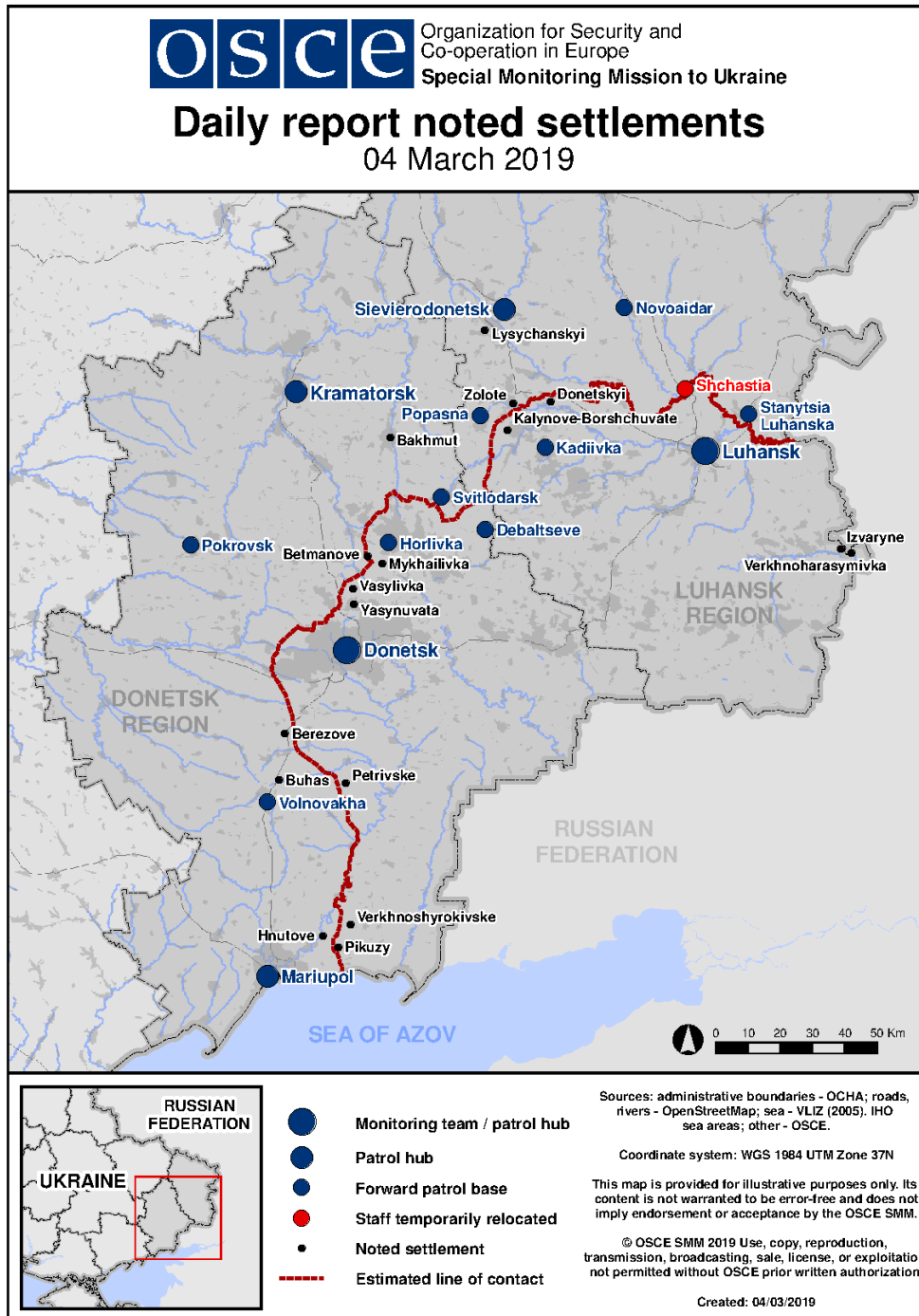
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	2-Mar, 19:02
	2-4km ENE	Recorded	1	Explosion	Airburst	N/K	2-Mar, 19:02
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Mar, 19:07
	2-4km E	Recorded	2	Explosion	Impact	N/K	2-Mar, 19:09
	2-4km ENE	Recorded	1	Muzzle flash		N/K	2-Mar, 19:12
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	2-Mar, 19:12
	2-4km ENE	Recorded	1	Explosion	Impact	N/K	2-Mar, 19:12
	2-4km E	Recorded	1	Projectile	N to S	N/K	2-Mar, 19:13
	2-4km ENE	Recorded	1	Muzzle flash		N/K	2-Mar, 19:14
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	2-Mar, 19:14
	2-4km ENE	Recorded	1	Explosion	Impact	N/K	2-Mar, 19:14
	2-4km ENE	Recorded	1	Muzzle flash		N/K	2-Mar, 19:28
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	2-Mar, 19:28
	2-4km ENE	Recorded	1	Explosion	Impact	N/K	2-Mar, 19:28
	2-4km E	Recorded	1	Projectile	S to N	N/K	2-Mar, 19:29
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	2-Mar, 19:35
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:35
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	2-Mar, 19:36
	2-4km E	Recorded	1	Explosion	Airburst	N/K	2-Mar, 19:37
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:37
	2-4km E	Recorded	1	Projectile	S to N	N/K	2-Mar, 19:37
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:42
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 19:57
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	2-Mar, 22:37
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 02:54
	2-4km ESE	Recorded	1	Projectile	NNW to SSE	N/K	3-Mar, 04:10
	2-4km ESE	Recorded	4	Projectile	SSE to NNW	N/K	3-Mar, 04:10
	2-4km ESE	Recorded	1	Projectile	SSE to NNW	N/K	3-Mar, 04:44
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km NNE	Recorded	1	Explosion	Undetermined	N/K	3-Mar, 00:03
	2-3km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	3-Mar, 03:02
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	2	Projectile	E to W	N/K	2-Mar, 18:28
	2-4km S	Recorded	2	Projectile	E to W	N/K	2-Mar, 22:14
	2-4km S	Recorded	8	Projectile	E to W	N/K	3-Mar, 00:47
	2-4km S	Recorded	1	Projectile	E to W	N/K	3-Mar, 02:55
SMM camera 1km SW of Shyrokyne (government-controlled, 20km E of Mariupol)	2-4km N	Recorded	2	Projectile	W to E	N/K	2-Mar, 18:52
	2-4km N	Recorded	2	Projectile	W to E	N/K	2-Mar, 18:53
	2-4km N	Recorded	1	Projectile	W to E	N/K	2-Mar, 18:56
	2-4km N	Recorded	1	Projectile	W to E	N/K	2-Mar, 18:57
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km E	Recorded	1	Explosion		N/K	3-Mar, 00:55
	1-3km E	Recorded	1	Explosion		N/K	3-Mar, 01:01
	1-3km E	Recorded	1	Illumination flare	In vertical flight	N/K	3-Mar, 01:10
About 1km N of the railway	2-3km NW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 09:07

station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 09:09
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 09:11
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 09:33
	1-1.5km N	Heard	10	Burst		HMG	3-Mar, 09:51
	2-4km NW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 13:24
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 13:27
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 13:32
	1-2km NW	Heard	2	Shot		HMG	3-Mar, 13:35
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 13:39
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 13:49
2-4km SW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 14:05	
2-4km SW	Heard	21	Burst		HMG	3-Mar, 14:05	
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km W	Heard	1	Explosion	Undetermined	N/K	3-Mar, 10:08
	3-5km W	Heard	1	Explosion	Undetermined	N/K	3-Mar, 10:13
	2-3km W	Heard	1	Explosion	Undetermined	N/K	3-Mar, 12:35
	2-3km W	Heard	1	Burst		Small arms	3-Mar, 12:37
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	3-Mar, 09:32
About 2km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	3-4km NW	Heard	3	Explosion	Undetermined	N/K	3-Mar, 13:05
About 1km S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	4-6km W	Heard	36	Explosion	Undetermined	N/K	3-Mar, 14:29-14:45
	4-6km W	Heard	33	Explosion	Undetermined	N/K	3-Mar, 14:46-15:00
Pikuzy (formerly Kominternove, non-government-controlled, 23km NE of Mariupol)	1km W	Heard	1	Burst		Small arms	3-Mar, 12:56
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km WSW	Heard	27	Burst		Small arms	2-Mar, 20:08-20:09
	3-4km WSW	Heard	10	Shot		Small arms	2-Mar, 20:09
	3-4km WSW	Heard	5	Burst		Small arms	2-Mar, 20:15
	3-5km WSW	Heard	4	Explosion	Undetermined	N/K	2-Mar, 20:16-20:23
	3-4km WSW	Heard	28	Burst		Small arms	2-Mar, 21:30-21:31
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 21:32
	2-4km WSW	Heard	8	Explosion	Undetermined	N/K	3-Mar, 13:18-13:22
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	3-Mar, 13:56

	6-8km WNW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 14:15
	4-5km SSE	Heard	8	Explosion	Undetermined	N/K	3-Mar, 14:15-14:20
	4-5km SSE	Heard	7	Explosion	Undetermined	N/K	3-Mar, 14:22-14:29
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	3-Mar, 14:31-14:33
	4-5km SSE	Heard	9	Explosion	Undetermined	N/K	3-Mar, 14:40-14:47
	4-5km SSE	Heard	5	Burst		HMG	3-Mar, 14:40-14:47
	4-5km SSE	Heard	10	Explosion	Undetermined	N/K	3-Mar, 14:49-14:54
	4-5km SSE	Heard	3	Burst		HMG	3-Mar, 14:49-14:54
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	3-Mar, 14:56-15:00
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	3-Mar, 15:01-15:05
	4-5km SSE	Heard	6	Explosion	Undetermined	N/K	3-Mar, 15:10-15:17
	4-5km SSE	Heard	10	Explosion	Undetermined	N/K	3-Mar, 15:20-15:25
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km SW	Heard	7	Burst		HMG	2-Mar, 19:10-19:11
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 20:25
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 20:31
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	2-Mar, 22:23
	4-6km SW	Heard	8	Burst		HMG	2-Mar, 22:59-23:01
	4-6km SW	Heard	3	Burst		HMG	2-Mar, 23:46
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NW	Heard	1	Explosion	Undetermined	N/K	2-Mar, 23:59
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	3-Mar, 09:09
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 09:34
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	3-Mar, 10:05
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	3-Mar, 10:10
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km E	Recorded	7	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	2-Mar, 22:48
	1-3km E	Recorded	3	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	2-Mar, 22:50
	2-4km E	Recorded	2	Explosion	Assessed as outside the disengagement area	N/K	2-Mar, 23:24
	2-4km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	2-Mar, 23:31
N edge of Popasna (government-controlled, 69km W of	5-10km S	Heard	20	Explosion	Undetermined	N/K	3-Mar, 05:50-06:20
	5-10km S	Heard	30	Shot and bursts		N/K	3-Mar, 05:50-06:20

Luhansk)							
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	6-8km W	Heard	21	Burst		HMG	3-Mar, 10:30-10:51
	8-10km WNW	Heard	9	Explosion	Undetermined	N/K	3-Mar, 10:30-10:51
	6-8km NW	Heard	5	Explosion	Undetermined	N/K	3-Mar, 10:30-10:51
	6-8km NW	Heard	86	Burst		HMG	3-Mar, 10:30-10:51
S edge of Krasnyi Lyman (non-government-controlled, 30km NW of Luhansk)	1-2km N	Heard	3	Shot		Small arms	3-Mar, 14:50

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).