

**Table of ceasefire violations as of 17 March 2019<sup>1</sup>**

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	18	Projectile	W to E	N/K	15-Mar, 20:45
	2-4km SSE	Recorded	5	Projectile	W to E	N/K	15-Mar, 20:48
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 19:51
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 19:52
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 19:54
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 19:55
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	15-Mar, 19:56
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 19:58
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 19:59
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	15-Mar, 20:03
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 20:03
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 20:04
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 20:07
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 21:50
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	15-Mar, 22:39
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	15-Mar, 23:03
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	16-Mar, 00:13
3-5km SE	Recorded	1	Explosion	Airburst	N/K	16-Mar, 00:21	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	NE to SW	N/K	15-Mar, 18:43
	200-500m SSW	Recorded	2	Explosion	Impact	N/K	15-Mar, 18:43
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 18:44
	0.5-1km SSW	Recorded	4	Projectile	SW to NE	N/K	15-Mar, 18:44
	200-500m SSW	Recorded	2	Projectile	NW to SE	N/K	15-Mar, 18:44
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:02
	200-500m S	Recorded	1	Explosion	Impact	N/K	15-Mar, 19:22
	1-2km S	Recorded	1	Explosion	Impact	N/K	15-Mar, 19:47
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	15-Mar, 20:07
	0.8-1km S	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:07
	1-2km SSW	Recorded	2	Projectile	WNW to ESE	N/K	15-Mar, 20:11
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:13
	0.5-1km SSW	Recorded	2	Explosion	Impact	N/K	15-Mar, 20:24
	500-800m SSW	Recorded	3	Projectile	WNW to ESE	N/K	15-Mar, 20:24
	0.5-1km SSE	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:24
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:24
	0.5-1km S	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:24
	0.5-1km SSW	Recorded	8	Explosion	Impact	N/K	15-Mar, 20:25
	300-500m S	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:25
	0.5-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	15-Mar, 20:25
	0.5-1km S	Recorded	2	Explosion	Impact	N/K	15-Mar, 20:25
	0.5-1km SSE	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:25
	0.5-1km SSE	Recorded	4	Explosion	Impact	N/K	15-Mar, 20:26
	0.5-1km S	Recorded	2	Explosion	Impact	N/K	15-Mar, 20:26
0.5-1km SSW	Recorded	5	Explosion	Impact	N/K	15-Mar, 20:26	
0.5-1km S	Recorded	11	Projectile	WNW to ESE	N/K	15-Mar, 20:26	
0.5-1km SSE	Recorded	3	Projectile	ENE to WSW	N/K	15-Mar, 20:27	

<sup>1</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.

	0.5-1km S	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:27
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 20:27
	0.5-1km S	Recorded	2	Projectile	WNW to ESE	N/K	15-Mar, 20:28
	0.5-1km SSW	Recorded	11	Projectile	W to E	N/K	15-Mar, 20:28
	0.5-1km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Mar, 20:28
	0.5-1km SSE	Recorded	3	Explosion	Impact	N/K	15-Mar, 20:28
	0.5-1km S	Recorded	7	Explosion	Impact	N/K	15-Mar, 20:28
	0.5-1km SSW	Recorded	7	Explosion	Impact	N/K	15-Mar, 20:28
	0.5-1km SSW	Recorded	3	Projectile	W to E	N/K	15-Mar, 20:29
	300-600m SSW	Recorded	5	Muzzle flash		N/K	15-Mar, 20:29
	1-2km S	Recorded	3	Projectile	NE to SW	N/K	15-Mar, 20:30
	1-2km SSW	Recorded	4	Explosion	Undetermined	N/K	15-Mar, 20:32
	500-800m S	Recorded	1	Explosion	Impact	N/K	15-Mar, 20:32
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:09
	1-2km S	Recorded	1	Projectile	ESE to WNW	N/K	15-Mar, 22:48
	1-2km SSW	Recorded	1	Projectile	SE to NW	N/K	16-Mar, 18:13
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	3	Projectile	ENE to WSW	N/K	15-Mar, 18:40
	2-4km ESE	Recorded	2	Projectile	WNW to ESE	N/K	15-Mar, 19:30
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	15-Mar, 20:42
	1-2km E	Recorded	1	Illumination flare	In vertical flight	N/K	15-Mar, 21:27
	1-2km E	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 21:28
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km ESE	Recorded	1	Projectile	N to S	N/K	15-Mar, 22:01
	2-3km SSE	Recorded	3	Projectile	E to W	N/K	15-Mar, 19:58
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	15-Mar, 20:39
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SSE	Recorded	2	Projectile	E to W	N/K	15-Mar, 20:41
	2-4km NW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 09:32
	3km SW	Heard	2	Explosion	Undetermined	N/K	16-Mar, 09:43-09:50
	5km SW	Heard	1	Shot		Small arms	16-Mar, 09:43-09:50
	2km WNW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 09:43-09:50
	1-1.5km WNW	Heard	1	Shot		Small arms	16-Mar, 09:43-09:50
	3km WSW	Heard	2	Explosion	Undetermined	N/K	16-Mar, 13:35-13:36
	1-2km WSW	Heard	15	Shot		Small arms	16-Mar, 13:55
	1-2km WSW	Heard	4	Explosion	Undetermined	N/K	16-Mar, 13:55
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 12:05
Yasynuvata railway station (non-government-controlled, 16km NE of Donetsk)	3-5km N	Heard	1	Explosion	Undetermined	N/K	16-Mar, 12:05
	1.5km WSW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 10:42
S edge of Avdiivka (government-controlled, 17km N of Donetsk)	3km WNW	Heard	2	Explosion	Undetermined	N/K	16-Mar, 10:43
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 11:29
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 10:43
	2.5km SSW	Heard	2	Shot	Assessed as inside the disengagement area	Small arms	16-Mar, 10:00
	1km S	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	16-Mar, 10:00

					area		
	3-4km W	Heard	8	Shot	Assessed as outside the disengagement area	Cannon 30mm	16-Mar, 10:19
	1-1.5km SSW	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	16-Mar, 10:24-10:33
	4-5km SW	Heard	2	Shot	Assessed as inside the disengagement area	Cannon 30mm	16-Mar, 10:36
3km NE of Zaichenko (non-government-controlled, 26km NE of Mariupol)	N/K SW	Heard	4	Explosion	Undetermined	N/K	16-Mar, 10:33-10:42
	N/K WSW	Heard	15	Shot		Cannon 30mm	16-Mar, 10:57-11:05
	N/K WSW	Heard	20	Burst		HMG	16-Mar, 10:57-11:05
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km S	Heard	6	Burst		HMG	15-Mar, 21:00
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	15-Mar, 21:03
	2-4km S	Heard	20	Burst		HMG	16-Mar, 12:11-12:15
	6-8km WSW	Heard	2	Explosion	Undetermined	N/K	16-Mar, 17:18
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Heard	38	Burst		Small arms	15-Mar, 18:49-18:53
	4-6km SW	Heard	3	Burst		HMG	15-Mar, 18:56
	2-4km SE	Heard	4	Burst		HMG	15-Mar, 18:59
	4-6km SW	Heard	12	Burst		HMG	15-Mar, 19:02
	4-6km SW	Heard	8	Shot		Small arms	15-Mar, 19:04
	2-4km SE	Heard	8	Burst		HMG	15-Mar, 19:11
	2-4km SE	Heard	4	Shot		Small arms	15-Mar, 19:21
	2-4km SE	Heard	7	Burst		Small arms	15-Mar, 19:31
	4-6km SW	Heard	4	Shot		Small arms	15-Mar, 19:40
	2-4km SE	Heard	10	Burst		Small arms	15-Mar, 19:50
	2-4km SE	Heard	Uncountable	Burst		Small arms	15-Mar, 19:51-19:53
	2-4km SE	Heard	8	Burst		Small arms	15-Mar, 20:03
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 20:05
	2-4km SE	Heard	6	Shot		Small arms	15-Mar, 20:10
	2-4km SE	Heard	8	Shot		Small arms	15-Mar, 20:16
	4-6km SW	Heard	2	Burst		Small arms	15-Mar, 20:22
	2-4km SE	Heard	2	Burst		Small arms	15-Mar, 20:28
	4-6km SW	Heard	9	Burst		Small arms	15-Mar, 20:30-20:32
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 20:31
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 20:34
	2-4km SE	Heard	8	Shot		Small arms	15-Mar, 20:36
2-4km SE	Heard	14	Burst		Small arms	15-Mar, 20:37-20:39	
2-4km SE	Heard	5	Burst		Small arms	15-Mar, 20:51	
2-4km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 20:55	



	3-4km S	Heard	3	Burst	Assessed as inside the disengagement area	HMG	16-Mar, 10:27-10:32
	3-4km S	Heard	8	Shot	Assessed as inside the disengagement area	Small arms	16-Mar, 10:27-10:32
Shchastia (government-controlled, 20km N of Luhansk)	1-1.5km S	Heard	1	Explosion	Undetermined	N/K	16-Mar, 10:32
Trokhizbenka (government-controlled, 32km NW of Luhansk)	2-3km SW	Heard	15	Burst		Small arms	16-Mar, 11:58-12:08
	2-3km SW	Heard	1	Burst		HMG	16-Mar, 12:07-12:08
W edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km WSW	Heard	16	Explosion	Undetermined	N/K	16-Mar, 12:25-12:45
	2-3km WSW	Heard	125	Burst		HMG	16-Mar, 12:25-12:45
	2-3km WSW	Heard	80	Shot		Small arms	16-Mar, 12:25-12:51
3km W of Kriakivka (government-controlled, 38km NW of Luhansk)	2-3km SSW	Heard	5	Shot		Small arms	16-Mar, 13:08-13:10
Zhovte (non-government-controlled, 17km NW of Luhansk)	7km NW	Heard	29	Shot		Small arms	16-Mar, 13:40-13:55
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	1	Illumination flare		N/K	16-Mar, 22:06
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Mar, 22:58
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Mar, 23:38
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	17-Mar, 00:37
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-Mar, 00:39
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	17-Mar, 02:09
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-Mar, 02:18
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	17-Mar, 02:29
	2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	17-Mar, 02:44
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	17-Mar, 02:48
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-Mar, 02:59
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-Mar, 03:00
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	17-Mar, 03:01
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	17-Mar, 03:06
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-Mar, 03:19
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-Mar, 03:20
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	17-Mar, 03:20
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	17-Mar, 03:23
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	17-Mar, 03:54
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	17-Mar, 03:56
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	17-Mar, 03:58
	2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	17-Mar, 03:59
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	17-Mar, 04:00
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	17-Mar, 04:20
2-4km SE	Recorded	1	Explosion	Impact	N/K	17-Mar, 04:37	
2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-Mar, 04:43	
4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 18:26	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	2	Explosion	ESE to WNW (undetermined)	N/K	16-Mar, 19:14
	2-4km SSW	Recorded	1	Explosion	Airburst	N/K	16-Mar, 22:11
	1-2km SSW	Recorded	1	Projectile	NE to SW	N/K	16-Mar, 22:13

	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	16-Mar, 22:41
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	16-Mar, 22:42
	1-2km SSW	Recorded	1	Projectile	NNW to SSE	N/K	16-Mar, 22:42
	1-2km SSW	Recorded	2	Muzzle flash		N/K	16-Mar, 22:45
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	16-Mar, 22:45
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Mar, 22:46
	2-4km SSW	Recorded	1	Explosion	Airburst	N/K	16-Mar, 22:55
	1-2km SSW	Recorded	1	Projectile	SE to NW	N/K	16-Mar, 23:56
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	17-Mar, 18:24
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	5	Projectile	SW to NE	N/K	17-Mar, 00:07
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 02:25
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	10	Projectile	NW to SE	N/K	16-Mar, 18:40
	1-3km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Mar, 18:41
	1-3km ENE	Recorded	10	Projectile	NW to SE	N/K	16-Mar, 18:41
	2-3km ENE	Recorded	9	Projectile	NW to SE	N/K	16-Mar, 20:29
	1-3km ENE	Recorded	3	Projectile	N to S	N/K	16-Mar, 22:16
	1-3km ENE	Recorded	8	Projectile	N to S	N/K	16-Mar, 22:17
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	16-Mar, 22:58
	1-2km ENE	Recorded	1	Muzzle flash		N/K	16-Mar, 23:06
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	16-Mar, 23:06
	1-2km ENE	Recorded	1	Muzzle flash		N/K	16-Mar, 23:08
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	16-Mar, 23:08
	2-4km ENE	Recorded	3	Projectile	In vertical flight	N/K	16-Mar, 23:20
	2-4km ENE	Recorded	2	Projectile	SSW to NNE	N/K	16-Mar, 23:20
	2-4km ENE	Recorded	1	Muzzle flash		N/K	16-Mar, 23:21
	2-4km ENE	Recorded	14	Projectile	S to N	N/K	16-Mar, 23:21
	2-4km ENE	Recorded	12	Projectile	S to N	N/K	16-Mar, 23:22
	1-3km ENE	Recorded	2	Projectile	NNW to SSE	N/K	17-Mar, 00:59
2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	17-Mar, 02:08	
2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	17-Mar, 02:09	
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Illumination flare	In vertical flight	N/K	16-Mar, 21:19
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Mar, 22:12
	2-4km NNE	Recorded	1	Illumination flare	NNW to SSE	N/K	16-Mar, 22:22
	2-4km NNE	Recorded	2	Illumination flare	In vertical flight	N/K	16-Mar, 23:09
	1-3km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 00:17
	2-4km NNE	Recorded	2	Illumination flare	In vertical flight	N/K	17-Mar, 00:54
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 00:57
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 01:22
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 01:30
	2-4km NNE	Recorded	3	Illumination flare	In vertical flight	N/K	17-Mar, 02:16
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-4km SSE	Recorded	3	Projectile	E to W	N/K	17-Mar, 00:23
	3-4km SSE	Recorded	3	Projectile	E to W	N/K	17-Mar, 00:24
	3-4km SSE	Recorded	1	Projectile	E to W	N/K	17-Mar, 01:30
	3-4km S	Recorded	1	Projectile	In vertical flight	N/K	17-Mar, 01:51
	3-4km S	Recorded	1	Projectile	E to W	N/K	17-Mar, 02:08
	4-5km S	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 02:33
2-4km S	Recorded	1	Illumination	In vertical flight	N/K	17-Mar, 04:57	

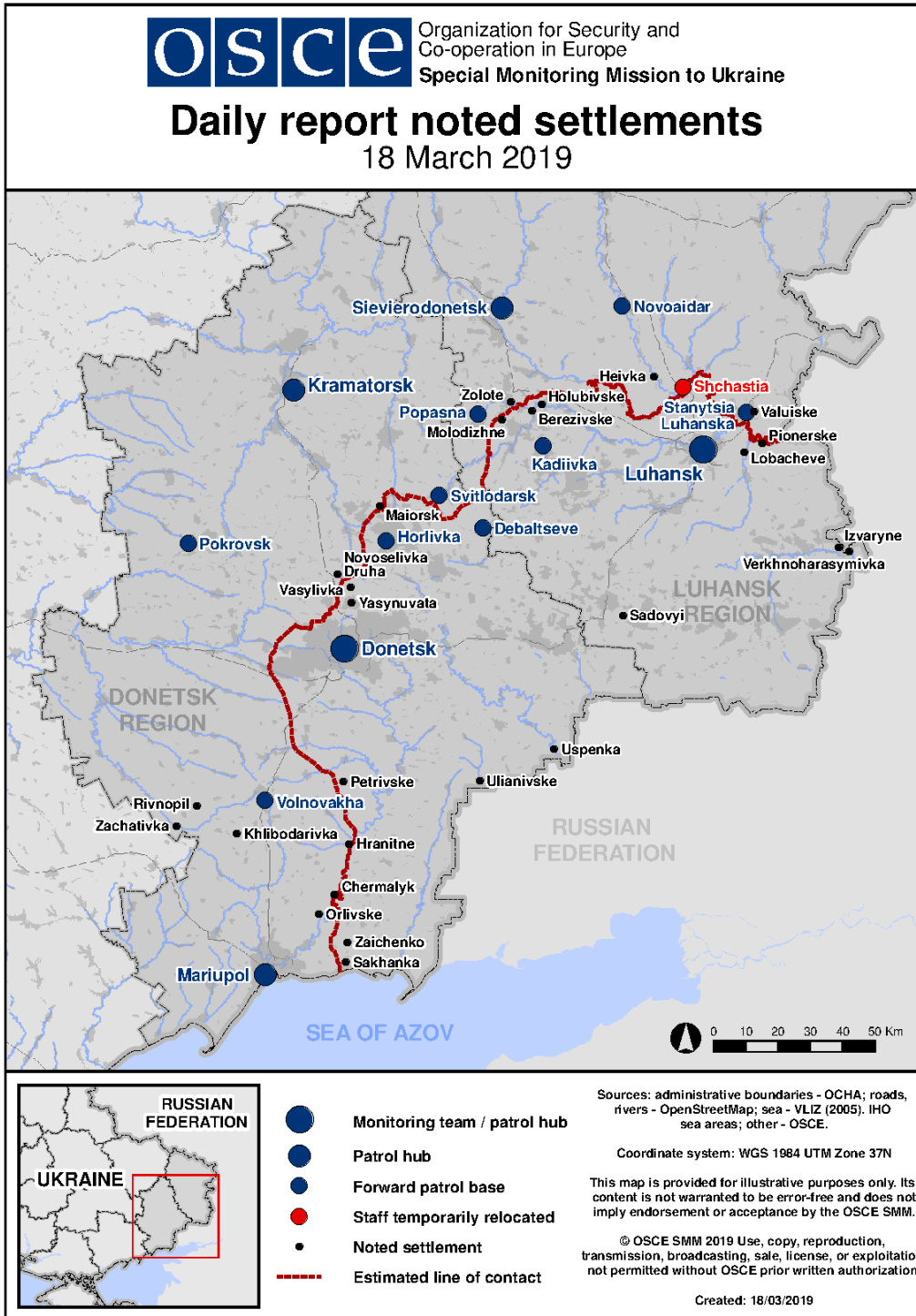
				flare			
About 1.5km NW of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km NW	Heard	2	Explosion	Undetermined	N/K	17-Mar, 08:50-08:55
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	17-Mar, 08:50-08:55
	2-4km SW	Heard	44	Shot		HMG	17-Mar, 08:50-08:55
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	17-Mar, 09:27
	2-3km SW	Heard	2	Shot		HMG	17-Mar, 09:45-10:15
	2-3km SW	Heard	41	Shot		Small arms	17-Mar, 09:45-10:15
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard	2	Burst		HMG	17-Mar, 10:04
	3-4km W	Heard	15	Burst		HMG	17-Mar, 10:16
About 6.5km NW of Donetsk city centre (non-government-controlled)	3-4km W	Heard	4	Burst		Small arms	17-Mar, 10:06
1km NW of Zaichenko (non-government-controlled, 26km NE of Mariupol)	2-3km NNW	Heard	4	Burst		Small arms	17-Mar, 12:07
Chermalyk (government-controlled, 31km NE of Mariupol)	1-3km SE	Heard	4	Explosion	Undetermined	N/K	17-Mar, 13:00-13:03
	2-4km SE	Heard	7	Burst		HMG	16-Mar, 18:51
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Heard	3	Shot		Small arms	16-Mar, 18:52
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:07
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:16
	2-4km SE	Heard	8	Burst		HMG	16-Mar, 19:17
	2-4km SE	Heard	4	Burst		Small arms	16-Mar, 19:18
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:30
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:30
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:33
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:33
	4-6km SE	Heard	5	Burst		HMG	16-Mar, 19:33-19:34
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:47
	4-6km SE	Heard	3	Burst		HMG	16-Mar, 19:49
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:50
	2-4km SE	Heard	7	Shot		Small arms	16-Mar, 19:50
	4-6km SE	Heard	5	Burst		HMG	16-Mar, 19:51
	4-6km SE	Heard	3	Burst		HMG	16-Mar, 19:52
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:57
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:57
	4-6km SE	Heard	3	Burst		HMG	16-Mar, 19:59
	5-8km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 19:59
2-4km SE	Heard	Uncountable	Shot		Small arms	16-Mar, 20:03	
5-7km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 20:10	
2-4km SE	Heard	3	Shot		Small arms	16-Mar, 20:19	
2-4km SE	Heard	7	Shot		Small	16-Mar, 20:45	

						arms	
	2-4km SE	Heard	3	Shot		Small arms	16-Mar, 20:46
	2-4km SE	Heard	3	Shot		Small arms	16-Mar, 20:46
	3-5km SE	Heard	9	Burst		HMG	16-Mar, 20:47
	2-4km SE	Heard	4	Shot		Small arms	16-Mar, 20:54
	2-4km SE	Heard	7	Shot		Small arms	16-Mar, 20:56
	3-5km SE	Heard	7	Burst		HMG	16-Mar, 20:57
	2-4km SE	Heard	5	Shot		Small arms	16-Mar, 20:59
	3-5km SE	Heard	7	Burst		HMG	16-Mar, 21:00
	3-5km SE	Heard	13	Burst		HMG	16-Mar, 21:11
	2-4km SE	Heard	3	Shot		Small arms	16-Mar, 21:27
	3-5km SE	Heard	7	Burst		HMG	16-Mar, 21:28
	2-4km SE	Heard	5	Shot		Small arms	16-Mar, 21:29
	2-4km SE	Heard	11	Burst		Small arms	16-Mar, 21:43-21:45
	2-4km SE	Heard	5	Burst		Small arms	16-Mar, 21:57-21:58
	3-4km SE	Heard	7	Burst		HMG	16-Mar, 22:02
	2-4km SE	Heard	3	Shot		Small arms	16-Mar, 22:02
	2-4km SE	Heard	2	Burst		Small arms	16-Mar, 22:04
	2-4km SE	Heard	2	Shot		Small arms	16-Mar, 22:17
	3-5km S	Heard	1	Explosion	Undetermined	N/K	16-Mar, 22:32
	2-4km SE	Heard	2	Burst		Small arms	16-Mar, 22:33
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	16-Mar, 22:35-22:37
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 22:40
	2-4km S	Heard	2	Burst		Small arms	16-Mar, 22:43
	3-5km SE	Heard	4	Burst		HMG	16-Mar, 22:44
	2-4km SE	Heard	7	Burst		Small arms	16-Mar, 22:46-22:48
	3-5km SE	Heard	11	Burst		HMG	16-Mar, 23:04
	2-4km S	Heard	3	Burst		Small arms	16-Mar, 23:11
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 23:14
	2-4km SE	Heard	12	Burst		Small arms	16-Mar, 23:39-23:42
	3-5km SE	Heard	4	Burst		HMG	16-Mar, 23:43
	2-4km SE	Heard	17	Burst		Small arms	16-Mar, 23:44-23:45
	3-5km SE	Heard	9	Burst		HMG	16-Mar, 23:45-23:46
	2-4km SE	Heard	7	Burst		HMG	17-Mar, 16:30
	2-4km SE	Heard	5	Explosion	Undetermined	N/K	17-Mar, 16:32
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	17-Mar, 16:50
	2-4km SE	Heard	2	Explosion	Undetermined	N/K	17-Mar, 17:00
About 2km SSE of Kamianka (government-controlled, 23km N of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	17-Mar, 09:26
Holubivske (non-government-controlled, 51km	2-4km NW	Heard	22	Explosion	Undetermined	N/K	17-Mar, 09:52-10:02
	2-4km NW	Heard	24	Shot		Small	17-Mar,



W of Luhansk)						arms	09:52-10:02
	2-4km NW	Heard	6	Explosion	Undetermined	N/K	17-Mar, 10:08-10:27
N edge of Zolote (government-controlled, 60km W of Luhansk)	3-5km SE	Heard	12	Burst	Assessed as outside the disengagement area	HMG	17-Mar, 09:58-10:01
4km WSW of Almazna (non-government-controlled, 55km W of Luhansk)	2-3km SW	Heard	3	Shot		Small arms	17-Mar, 10:32-10:33
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	5-7km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Mar, 10:53
E edge of Zolote-5/ Mykhailivka (non-government-controlled, 58km W of Luhansk)	2-3km WNW	Heard	6	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	17-Mar, 10:55-11:10
	1-2km WNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Mar, 10:55-11:10
	1-2km NNE	Heard	16	Burst		HMG	17-Mar, 10:55-11:10
S edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	2-3km NW	Heard	6	Burst	Unable to assess whether inside or outside the disengagement area	HMG	17-Mar, 11:15-11:30
	2-3km NW	Heard	23	Burst	Unable to assess whether inside or outside the disengagement area	Small arms	17-Mar, 11:15-11:30
	1-2km NW	Heard	9	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	17-Mar, 11:15-11:30
3km S of Vilkhove (government-controlled, 22km NE of Luhansk)	3-5km SSW	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	17-Mar, 14:06

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</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).