Table of	ceasefire	violations	as of 15	5 January 2019 <sup>1</sup>
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SMM position	Event location	Means	No.	Observation	Description	Weapo n	Date, time
SMM camera in Chermalyk (government- controlled, 31km NE of Mariupol)	3-4km SE	Recorded	1	Projectile	NE to SW	N/K	14-Jan, 18:55
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Jan, 19:27
SMM camera at	0.5-1km SSW	Recorded	8	Projectile	W to E	N/K	14-Jan, 20:08
Donetsk Filtration Station (15km N	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Jan, 20:22
of Donetsk)	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	14-Jan, 20:29
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 01:40
	2-4km E	Recorded	2	Projectile	N to S	N/K	14-Jan, 22:55
	2-4km E	Recorded	1	Projectile	N to S	N/K	14-Jan, 22:56
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	14-Jan, 22:56
	2-4km E	Recorded	2	Projectile	S to N	N/K	14-Jan, 22:56
SMM camera	2-4km E	Recorded	2	Projectile	N to S	N/K	14-Jan, 23:10
1.5km NE of Hnutove	2-4km ESE	Recorded	4	Projectile	S to N	N/K	15-Jan, 02:28
(government- controlled, 20km NE of	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 02:28
Mariupol)	2-4km E	Recorded	4	Projectile	N to S	N/K	15-Jan, 02:29
	2-4km E	Recorded	1	Projectile	N to S	N/K	15-Jan, 02:30
	2-4km E	Recorded	1	Projectile	N to S	N/K	15-Jan, 02:32
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	15-Jan, 02:49
	2-4km ESE	Recorded	3	Projectile	S to N	N/K	15-Jan, 04:40

<sup>&</sup>lt;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.

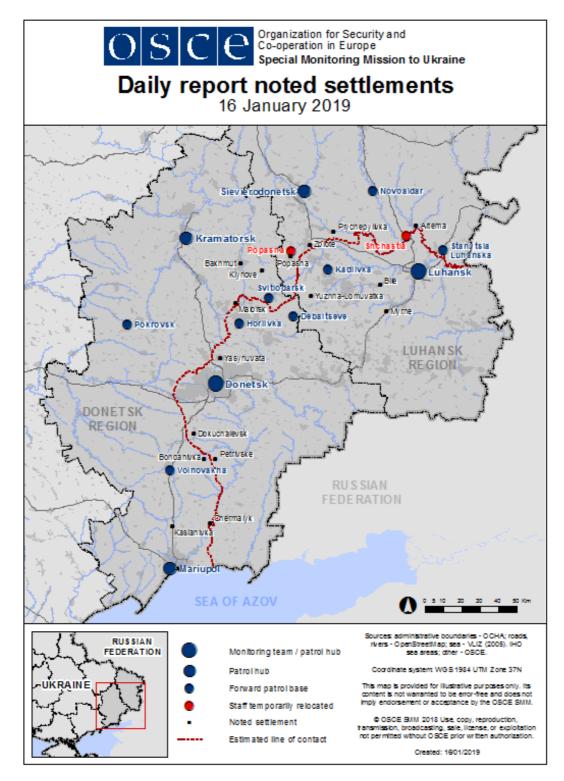
	r	1	1		r	1	r
1km E of Krasnohorivka (government- controlled,	1km E	Heard	1	Explosion	Undetermined	N/K	15-Jan, 11:24
21km W of Donetsk)	2km NW	Heard	1	Explosion	Undetermined	N/K	15-Jan, 11:46
	1-2km WSW	Heard	104	Shot		Small arms	15-Jan, 10:30- 10:50
	1-2km WSW	Heard	21	Burst		Small arms	15-Jan, 10:30- 10:50
	1-2km WSW	Heard	44	Burst		Small arms	15-Jan, 10:50- 11:10
1.1km NW of	1-2km WSW	Heard	104	Shot		Small arms	15-Jan, 10:50- 11:10
railway station in Yasynuvata (non-	1-2km WSW	Heard	12	Shot		Small arms	15-Jan, 11:14- 11:17
government- controlled, 16km NE of Donetsk)	1-2km WSW	Heard	7	Burst		HMG	15-Jan, 12:36- 12:37
Donetsk)	1-2km WSW	Heard	6	Shot		Small arms	15-Jan, 12:50- 13:10
	1-2km WSW	Heard	1	Explosion	Undetermined	N/K	15-Jan, 12:50- 13:10
	1-2km WSW	Heard	2	Shot		Small arms	15-Jan, 13:50- 14:00
	1-2km WSW	Heard	2	Burst		Small arms	15-Jan, 13:50- 14:00
	2-3km SE	Heard	10	Shot		Small arms	14-Jan, 18:47- 18:48
	2-3km SE	Heard	12	Burst		Small arms	14-Jan, 20:15- 20:17
Svitlodarsk	2-4km SE	Heard	1	Burst		HMG	14-Jan, 20:19
(government- controlled,	2-3km SE	Heard	8	Shot		Small arms	14-Jan, 20:22
57km NE of Donetsk)	4-6km SE	Heard	2	Explosion	Undetermined	N/K	14-Jan, 20:23
	2-3km SE	Heard	2	Burst		Small arms	14-Jan, 20:23
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	14-Jan, 20:29
	2-3km SE	Heard	6	Burst		Small arms	14-Jan, 20:29

2-4km SE	Heard	6	Burst		HMG	14-Jan, 20:30- 20:31
2-3km SE	Heard	12	Burst	Burst		14-Jan, 20:33- 20:35
2-4km SE	Heard	9	Burst		HMG	14-Jan, 20:35- 20:37
2-3km SE	Heard	16	Shot		Small arms	14-Jan, 20:38
2-3km SE	Heard	2	Burst		Small arms	14-Jan, 20:39
2-4km SE	Heard	2	Burst		HMG	14-Jan, 20:42
2-3km SE	Heard	10	Shot		Small arms	14-Jan, 20:44
2-4km SE	Heard	4	Burst		HMG	14-Jan, 20:46
2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Jan, 20:48
2-3km SE	Heard	3	Burst		Small arms	14-Jan, 20:51
1-2km SE	Heard	10	Shot		Small arms	14-Jan, 21:12
2-3km SE	Heard	19			HMG	14-Jan, 21:26- 21:28
2-3km SE	Heard	10	Shot		Small arms	14-Jan, 21:29
3-4km SE	Heard	1	Explosion	Undetermined	N/K	14-Jan, 21:31
2-3km SE	Heard	4	Burst		HMG	14-Jan, 21:34
3-4km S	Heard	2	Explosion	Undetermined	N/K	14-Jan, 21:44
1-2km SE	Heard	2	Shot		Small arms	14-Jan, 21:47
2-3km SE	Heard	26	Burst		HMG	14-Jan, 21:49
2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Jan, 21:50
2-3km SE	Heard	1	Explosion	Undetermined	N/K	14-Jan, 21:51
1-2km SE	Heard	2	Explosion	Undetermined	N/K	14-Jan, 21:53- 21:54
2-3km SE	Heard	4	Burst		HMG	14-Jan, 21:55
1-2km SE	Heard	7	Shot		Small arms	14-Jan, 21:57- 21:59
2-3km SE	Heard	2	Burst		HMG	14-Jan, 22:07
1-2km SE	Heard	11	Shot		Small arms	14-Jan, 22:09- 22:11

	2-3km SE	Heard	4	Burst		HMG	14-Jan, 22:10- 22:12
	1-2km SE	Heard	2	Shot		Small arms	14-Jan, 22:22
	2-3km SE	Heard	2	Burst		HMG	14-Jan, 23:19
	1-2km SE	Heard	10	Shot		Small arms	14-Jan, 23:30
	2-3km SE	Heard	5	Shot		Small arms	14-Jan, 23:40
	2-3km SE	Heard	4	Shot		Small arms	14-Jan, 23:48
	2-3km S	Heard	5	Burst		HMG	14-Jan, 23:56
	2-3km W	Heard	3	Burst		HMG	15-Jan, 16:41
	4-5km W	Heard	1	Explosion	Undetermined	N/K	15-Jan, 16:41
	2-3km SE	Heard	10	Burst		HMG	15-Jan, 17:07
	3-4km W	Heard	1	Explosion	Undetermined	N/K	15-Jan, 17:13
	2-3km SE	Heard	10	Burst		HMG	15-Jan, 17:30
	2-3km SE	Heard	13	Burst		Small arms	15-Jan, 17:31- 17:35
	2-3km SE	Heard	4	Burst		Small arms	15-Jan, 17:40
	2-3km SE	Heard	2	Burst		HMG	15-Jan, 17:57
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	15-Jan, 18:21
	3-5km ESE	Recorded	1	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	14-Jan, 18:18
SMM camera in Zolote (government- controlled, 60km W of Luhansk)	1.5-3km SE	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	14-Jan, 18:45
	2-4km SE	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	14-Jan, 23:07
1km SSE of Stanytsia Luhanska bridge (15km NE of Luhansk)	3-5km SSE	Heard	9	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Jan, 09:25- 09:29

N edge of Bile	5-6km SW	Heard	1	Explosion	Undetermined (assessed as live-fire exercise)	Artillery (type N/K)	15-Jan, 09:27-
(non- government- controlled, 22km W of Luhansk)	5-6km SW	Heard	4	Explosion	Outgoing (assessed as live-fire exercise)	Artillery (type N/K)	15-Jan, 09:57-
	5-6km SW	Heard	5	Burst	Assessed as live-fire exercise	HMG	15-Jan, 10:03
E edge of Popasna (government- controlled, 69km W of Luhansk)	0.6-1km SSE	Heard	1	Explosion	Impact	N/K	15-Jan, 09:37
NE edge of Yuzhna- Lomuvatka (non-	2-3km NNW	Heard	33	Shot		Small arms	15-Jan, 09:52- 09:54
(non- government- controlled, 60km W of Luhansk)	2-3km NNW	Heard	3	Burst		Small arms	15-Jan, 09:52- 09:54
Zolote-4/Rodina (government- controlled,	2-3km S	Heard	2	Shot	Assessed as inside the disengagement area	Small arms	15-Jan, 10:36- 10:38
59km W of Luhansk)	1-2km SW	Heard	8	Shot	Assessed as inside the disengagement area	Small arms	15-Jan, 10:55- 10:58
S edge of Vrubivskyi	3-4km SW	Heard	4	Explosion	Undetermined (assessed as live-fire exercise)	Artillery (type N/K)	15-Jan, 10:38- 10:40
(non- government- controlled, 22km SW of	3-4km SW	Heard	1	Explosion	Undetermined (assessed as live-fire exercise)	Artillery (type N/K)	15-Jan, 10:50-
Luhansk)	3-4km SW	Heard	6	Burst	Assessed as live-fire exercise	HMG	15-Jan, 10:50-
	2-3km SSW	Heard	1	Shot		HMG	15-Jan, 11:32- 11:40
3km S of Muratove	2-4km SSW	Heard	4	Explosion	Undetermined	N/K	15-Jan, 11:38- 11:39
(government- controlled,	2-4km SSW	Heard	2	Burst		Small arms	15-Jan, 11:40-
51km NW of Luhansk)	2-4km SSW	Heard	1	Burst		HMG	15-Jan, 11:40-
	2-3km S	Heard	2	Burst		Small arms	15-Jan, 12:20-
	2-4km S	Heard	5	Burst		HMG	15-Jan, 12:31-

2km NW of Myrne (non-	0.8-1km SW	Heard	36	Burst	Assessed as live-fire exercise	HMG	15-Jan, 11:38- 11:44
government- controlled, 28km SW of Luhansk)	7-8km SW	Heard	13	Explosion	Undetermined (Assessed as live-fire exercise)	Artillery (type N/K)	15-Jan, 11:38- 11:44



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

<sup>&</sup>lt;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).