SMM position	Event location	Means	No.	Observation	Description	Weapon	Time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-6km W	Recorded	1	Explosion	Undetermined	N/K	24-May, 21:15
	2-5km W	Recorded	2	Projectile	S to N	N/K	24-May, 23:21
SMM camera at entry- exit checkpoint in Pyshchevyk (government-controlled,	6-10km S	Recorded	1	Explosion	Undetermined	N/K	25-May, 01:58
25km NE of Mariupol)	6-10km S	Recorded	1	Explosion	Undetermined	N/K	25-May, 02:00
	6-10km S	Recorded	2	Explosion	Undetermined	N/K	25-May, 02:34
	6-10km S	Recorded	16	Projectile	E to W	N/K	25-May, 02:35
	6-10km S	Recorded	15	Projectile	E to W	N/K	25-May, 02:36
	6-10km S	Recorded	6	Projectile	E to W	N/K	25-May, 02:37
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5-6km SSW	Recorded	2	Projectile	E to W	N/K	24-May, 21:47
ookiii iyw of Lunaiisk)	3-6km SSW	Recorded	1	Projectile	NW to SE	N/K	24-May, 22:27
	4-6km E	Recorded	2	Burst	WSW to ENE	N/K	25-May, 00:00
	6-8km S	Recorded	5	Projectile	NW to SE	N/K	25-May, 00:02
	6-8km S	Recorded	1	Projectile	NW to SE	N/K	25-May, 00:02
Debaltseve (non- government-controlled, 58km NE of Donetsk)	SE	Heard		Shots And Bursts	N/K (uncountable/ overlapping)	Small arms	25-May, 00:00- 00:01
NE edge of Debaltseve (non-government- controlled, 58km NE of Donetsk)	10-12km N	Heard	27	Explosion	Undetermined	N/K	25-May, 10:15- 10:45
Donetsk city centre (non- government-controlled)	5-8km N	Heard	55	Explosion	Undetermined	N/K	25-May, 04:30- 05:02
SMM camera in Petrivske (non-government- controlled, 41km S of Donetsk)	0.5-1km SW	Recorded	12	Tracer	N to S	N/K (assessed as inside the disengagement area)	21-May, 21:49

Table of ceasefire violations as of 25 May 2018¹

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.

	0.5-1km SW	Recorded	75	Tracer	N to S	N/K (assessed as inside the disengagement area)	21-May, 23:25
1.1km NW of the railway station in Yasynuvata (non-government- controlled, 16km NE of	NW	Heard		Shot	N/K (uncountable/ overlapping)	HMG	25-May, 10:10
Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	25-May, 10:19
	1-2km NW	Heard	2	Explosion	Undetermined	N/K	25-May, 10:27
	NW	Heard		Shot	N/K (uncountable/ overlapping)	Small arms	25-May, 10:27
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	25-May, 10:33
	2km SSW	Heard	3	Shot		Small arms	25-May, 10:52
	1-2km SSW	Heard	1	Shot		Small arms	25-May, 11:15
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	25-May, 12:06- 12:10
	1-2km SW	Heard	7	Explosion	Undetermined	N/K	25-May, 12:48
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	25-May, 12:48
	4-6km N	Heard	7	Explosion	Undetermined	N/K	25-May, 14:45- 14:50
4km W of Yasynuvata (non-government- controlled, 16km NE of Donetsk)	500m W	Heard	2	Burst		Small arms	25-May, 10:15
Donetsk Filtration Station (15km N of Donetsk)	1km NNE	Heard	1	Burst		Small arms	25-May, 15:12
SW edge of Avdiivka (government-controlled,	2-4km SE	Heard	1	Explosion	Undetermined	N/K	25-May, 10:27
17km N of Donetsk)	5-7km SSW	Heard	2	Explosion	Undetermined	N/K	25-May, 10:30
	2-3km E	Heard	1	Explosion	Undetermined	N/K	25-May, 12:10
	3-4km NE	Heard	5	Explosion	Undetermined	N/K	25-May, 12:45
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	25-May, 12:48
	3-4km SE	Heard	4	Burst		Small arms	25-May, 12:48
	5-6km ENE	Heard	1	Explosion	Undetermined	N/K	25-May, 12:58

Petrivske (non- government-controlled, 41km S of Donetsk)	2-3km W	Heard	20	Shot	N/K (unable to assess whether inside or outside the disengagement area)	Small arms	25-May, 11:38
	8-10km N	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	25-May, 11:55
	2-3km E	Heard	1	Burst		Small arms	25-May, 12:09
Horlivka (non- government-controlled,	4-6km SW	Heard	2	Explosion	Undetermined	N/K	24-May, 19:24
39km NE of Donetsk)	4-6km NW	Heard	10	Explosion	Undetermined	N/K	24-May, 19:50- 19:52
	4-6km W	Heard	2	Explosion	Undetermined	N/K	24-May, 19:54- 19:55
	4-6km W	Heard	2	Burst		HMG	24-May, 19:55
	4-6km W	Heard	2	Explosion	Undetermined	N/K	24-May, 19:58
	4-6km W	Heard	1	Explosion	Undetermined	N/K	24-May, 20:01
	4-6km W	Heard	14	Explosion	Undetermined	N/K	24-May, 20:02- 20:07
	4-6km W	Heard	6	Explosion	Undetermined	N/K	24-May, 20:07- 20:09
	4-6km NW	Heard	2	Explosion	Impact	Mortar (type N/K)	24-May, 20:10
	4-6km NW	Heard	5	Explosion	Impact	Mortar (type N/K)	24-May, 20:11- 20:13
	4-6km NW	Heard	5	Explosion	Undetermined	N/K	24-May, 20:13
	3-5km W	Heard	3	Burst		HMG	24-May, 20:15
	5-7km W	Heard	4	Explosion	Undetermined	N/K	24-May, 20:17
	3-4km W	Heard	1	Explosion	Undetermined	N/K	24-May, 20:19
	4-6km W	Heard	8	Burst		HMG	24-May, 20:20- 20:25
	4-6km W	Heard	3	Explosion	Undetermined	N/K	24-May, 20:25- 20:27
	4-6km W	Heard	2	Explosion	Undetermined	N/K	24-May, 20:34
	4-6km W	Heard	5	Burst		HMG	24-May, 20:38
	4-6km W	Heard	1	Explosion	Undetermined	N/K	24-May, 23:00
	3-5km SW	Heard	3	Burst		HMG	24-May, 23:39

2-3km NW	Heard	8	Explosion	Outgoing	Artillery (type N/K)	25-Ma 04:33 04:40
7-8km W	Heard	8	Explosion	Impact	Artillery (type N/K)	25-Ma 04:33 04:40
2-3km NW	Heard	8	Explosion	Outgoing	Artillery (type N/K)	25-Ma 04:41 04:44
7-8km W	Heard	8	Explosion	Impact	Artillery (type N/K)	25-Ma 04:41 04:44
2-3km NW	Heard	4	Explosion	Outgoing	Artillery (type N/K)	25-Ma 04:44 04:44
7-8km W	Heard	4	Explosion	Impact	Artillery (type N/K)	25-Ma 04:44 04:44
7-8km SW	Heard	6	Explosion	Impact	N/K	25-Ma 04:48 04:55
7-8km SW	Heard	6	Explosion	Impact	N/K	25-Ma 04:58 05:02
7-8km SW	Heard	6	Explosion	Impact	N/K	25-Ma 05:08 05:1
3-4km NE	Heard	8	Explosion	Outgoing	Artillery (type N/K)	25-Ma 05:10 05:11
7-9km N	Heard	8	Explosion	Impact	Artillery (type N/K)	25-Ma 05:10 05:1
7-9km N	Heard	17	Explosion	Undetermined	N/K	25-Ma 05:15 05:2
7-9km N	Heard	45	Explosion	Undetermined	N/K	25-Ma 05:25 05:25
3-4km NE	Heard	9	Explosion	Outgoing	Artillery (type N/K)	25-Ma 05:3 05:4
8-9km NE	Heard	9	Explosion	Impact	Artillery (type N/K)	25-Ma 05:3 05:4
6-8km NE	Heard	12	Explosion	Undetermined	N/K	25-Ma 05:4 05:4
5-7km NW	Heard	11	Explosion	Undetermined	N/K	25-Ma 05:43 05:5
6-8km NE	Heard	7	Explosion	Undetermined	N/K	25-Ma 05:52 05:5
3-4km NE	Heard	1	Explosion	Outgoing	Artillery (type N/K)	25-Ma 05:5
7-9km N	Heard	1	Explosion	Impact	Artillery (type N/K)	25-Ma 06:0
3-4km NE	Heard	6	Explosion	Outgoing	Artillery (type N/K)	25-Ma 06:02 06:0
6-8km N	Heard	6	Explosion	Impact	Artillery (type N/K)	25-Ma 06:02 06:0
5-7km SE	Heard	5	Explosion	Undetermined	N/K	25-Ma 06:04 06:0

	6-8km NW	Heard	11	Explosion	Undetermined	N/K	25-May, 06:06-
	6-8km NW	Heard	6	Explosion	Undetermined	N/K	06:10 25-May, 06:11-
	3-5km NW	Heard	14	Explosion	Outgoing	Artillery (type N/K)	06:15 25-May, 06:45-
	6-8km N	Heard	14	Explosion	Impact	Artillery (type N/K)	06:50 25-May, 06:45-
	3-5km NW	Heard	12	Explosion	Outgoing	Artillery (type N/K)	06:50 25-May, 06:51-
	6-8km N	Heard	12	Explosion	Impact	Artillery (type N/K)	06:55 25-May, 06:51-
	3-5km NW	Heard	10	Explosion	Outgoing	Artillery (type N/K)	06:55 25-May, 06:56-
	7-9km NE	Heard	10	Explosion	Impact	Artillery (type N/K)	07:00 25-May, 06:56-
	3-5km NW	Heard	3	Explosion	Outgoing	Artillery (type N/K)	07:00 25-May, 07:01-
	7-9km N	Heard	3	Explosion	Impact	Artillery (type N/K)	07:08 25-May, 07:01-
	7-8km NE	Heard	7	Explosion	Outgoing	Mortar (type N/K)	07:08 25-May, 08:30-
NE edge of Horlivka (non-government-	5-6km NE	Heard	2	Explosion	Undetermined	N/K	08:40 25-May, 10:43
controlled, 39km NE of Donetsk)	5-6km NE	Heard	2	Explosion	Undetermined	N/K	25-May, 10:45
	6-8km SE	Heard	10	Explosion	Undetermined	N/K	25-May, 10:55- 10:59
	2km SE	Heard	2	Explosion	Undetermined	N/K	25-May, 11:05- 11:09
	6km SE	Heard	6	Explosion	Undetermined	N/K	25-May, 11:05- 11:09
	6km SE	Heard	2	Explosion	Undetermined	N/K	25-May, 11:15
	6km SE	Heard	8	Explosion	Undetermined	N/K	25-May, 11:36
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	25-May, 12:21
Svitlodarsk (government-	3-5km N	Heard	2	Explosion	Undetermined	N/K	25-May, 13:55 24-May,
controlled, 57km NE of Donetsk)	4-6km SW	Heard	10	Explosion	Undetermined	N/K	20:10- 20:30
	3-4km SW	Heard	40	Burst		HMG	24-May, 21:50- 22:15
	4-5km SE	Heard	10	Explosion	Undetermined	N/K	24-May, 21:50- 22:15
	3-4km SE	Heard	20	Burst		Small arms	24-May, 22:00- 22:20

				l			24-May,
	3-4km SE	Heard	10	Burst		Small arms	22:30- 22:45
	5-6km SW	Heard	5	Explosion	Undetermined	N/K	24-May, 23:20- 23:30
	3-4km SW	Heard	10	Burst		Small arms	24-May, 23:20-
	5-6km SE	Heard	15	Explosion	Undetermined	N/K	23:35 25-May, 06:02-
	5-6km SE	Heard	2	Explosion	Undetermined	N/K	06:20 25-May, 06:21-
	3-4km SE	Heard	3	Burst		HMG	06:35 25-May, 06:21-
	2-3km SE	Heard	5	Burst		Small arms	06:35 25-May, 06:21-
	5-6km	Heard	10	Explosion	Undetermined	N/K	06:35 25-May, 06:45-
	SW 5-7km	Heard	7	Explosion	Undetermined	N/K	07:05 25-May, 08:22-
	W 5-7km		6				08:27 25-May, 08:45-
	W 5-7km	Heard		Explosion	Undetermined	N/K	08:50 25-May,
	W 5-7km	Heard	8	Explosion	Undetermined	N/K	09:56- 09:58 25-May,
	W	Heard	6	Explosion	Undetermined	N/K	10:53- 10:57
	5-7km W	Heard	4	Explosion	Undetermined	N/K	25-May, 11:09- 11:14
Kruta Balka (non- government-controlled, 16km N of Donetsk)	1-3km NW	Heard	8	Burst		HMG	25-May, 10:10- 10:15
,	1-3km NW	Heard	4	Explosion	Undetermined	N/K	25-May, 10:10- 10:15
	1-3km NW	Heard	6	Shot		Small arms	25-May, 10:10- 10:15
	1-3km NW	Heard	3	Explosion	Undetermined	N/K	25-May, 10:25-
	1-3km NW	Heard	5	Burst		HMG	10:30 25-May, 10:25-
	1-3km NW	Heard	12	Shot		Small arms	10:30 25-May, 10:25-
	1-3km NW	Heard	1	Shot		Small arms	10:30 25-May, 10:40
	1-3km NW	Heard	4	Shot		Small arms	25-May, 10:58
	1-3km NW	Heard	2	Shot		Small arms	25-May, 11:11
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2km SE	Heard	1	Explosion	Undetermined	N/K	25-May, 10:27
SW edge of Novoluhanske	5-6km SE	Heard	1	Explosion	Undetermined	N/K	25-May, 10:20

(government-controlled, 53km NE of Donetsk)	10-12km NW	Heard	15	Explosion	Undetermined	N/K	25-May, 10:30- 10:35
	10-12km NW	Heard	1	Explosion	Undetermined	N/K	25-May, 10:50
Holmivskyi (non- government-controlled, 49km NE of Donetsk)	6-8km N	Heard	5	Explosion	Undetermined	N/K	25-May, 10:38- 10:40
	4-6km N	Heard	1	Explosion	Undetermined	N/K	25-May, 10:38- 10:40
	3-5km E	Heard	3	Explosion	Outgoing	Artillery (type N/K)	25-May, 10:56- 10:57
	2-4km NE	Heard	8	Explosion	Outgoing	Artillery (type N/K)	25-May, 11:06- 11:10
3.5km S of Novoselivka (non-government- controlled, 37km NE of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	25-May, 12:42
Maiorsk (government- controlled, 45km NE of Donetsk)	2km N	Heard	1	Explosion	Undetermined	N/K	25-May, 13:55
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K E	Heard	3	Explosion	Undetermined	N/K	25-May, 10:54- 10:55
Kalynove-Borshchuvate (non-government- controlled, 61km W of Luhansk)	3-4km NW	Heard	20	Explosion	Undetermined	N/K	25-May, 10:32- 10:50
1.5km W of Zolote-4 (government-controlled, 60km NW of Luhansk)	1-2km SSW	Heard and saw	20	Explosion	Outgoing (assessed as inside the disengagement area)	Mortar (type N/K)	25-May, 10:01- 10:07
	2-3km SSE	Heard	3	Explosion	N/K (assessed as inside the disengagement area)	N/K	25-May, 10:27- 10:29
	1-2km SSW	Heard	4	Explosion	Outgoing (assessed as inside the disengagement area)	Mortar (type N/K)	25-May, 10:29- 10:32
	1-2km SSW	Heard	4	Burst	Outgoing (assessed as inside the disengagement area)	Small arms	25-May, 10:48
NE edge of Katerynivka (government-controlled, 64km W of Luhansk)	5-6km SSE	Heard	3	Explosion	N/K (assessed as outside the disengagement area)	N/K	25-May, 11:09
	5-6km SSE	Heard	1	Explosion	N/K (assessed as outside the disengagement area)	N/K	25-May, 11:59
	1-2km S	Heard	1	Explosion	N/K (assessed as inside the disengagement area)	N/K	25-May, 11:59

	1-2km E	Heard	4	Shot	Outgoing (assessed as outside the disengagement area)	Small arms	25-May, 12:02
	5-6km SSE	Heard	1	Explosion	N/K (assessed as outside the disengagement area)	N/K	25-May, 13:27
	1-2km SSW	Heard	2	Explosion	Outgoing (assessed as inside the disengagement area)	Mortar (type N/K)	25-May, 13:50
Popasna (government- controlled, 69km west of Luhansk)	8-10km NNE	Heard	4	Explosion	Undetermined	N/K	25-May, 13:53- 13:56



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).