

**Table of ceasefire violations as of 9 June 2019<sup>1</sup>**

<b>SMM position</b>	<b>Event location</b>	<b>Means</b>	<b>No.</b>	<b>Observation</b>	<b>Description</b>	<b>Weapon</b>	<b>Date, time</b>
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-3km SSE	Recorded	4	Projectile	ENE to WSW	N/K	7-Jun, 21:17
	2-4km SSE	Recorded	43	Projectile	NE to SW	N/K	7-Jun, 21:22
	2-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	7-Jun, 21:22
	2-3km SSE	Recorded	1	Explosion	Airburst	N/K	7-Jun, 21:22
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	7-Jun, 21:23
	2-3km SSE	Recorded	24	Projectile	NE to SW	N/K	7-Jun, 21:24
	2-3km SSE	Recorded	13	Projectile	NE to SW	N/K	7-Jun, 21:31
	2-3km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 21:31
	2-3km SSE	Recorded	1	Muzzle flash		N/K	7-Jun, 21:31
	2-3km SE	Recorded	1	Projectile	ENE to WSW	N/K	7-Jun, 21:32
	2-3km SE	Recorded	1	Explosion	Outgoing	N/K	7-Jun, 21:32
	2-3km SSE	Recorded	1	Explosion	Impact	N/K	7-Jun, 21:32
	2-3km SSE	Recorded	7	Projectile	NE to SW	N/K	7-Jun, 21:41
	2-3km SE	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 21:41
	2-3km SE	Recorded	1	Projectile	ENE to WSW	N/K	7-Jun, 21:43
	2-3km SE	Recorded	1	Explosion	Outgoing	N/K	7-Jun, 21:43
	2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	7-Jun, 21:50
	2-3km SSE	Recorded	18	Projectile	NE to SW	N/K	7-Jun, 21:55
	2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	7-Jun, 21:57
	2-3km SSE	Recorded	10	Projectile	W to E	N/K	7-Jun, 22:01
	2-4km SSE	Recorded	21	Projectile	W to E	N/K	7-Jun, 22:02
	2-4km SSE	Recorded	18	Projectile	NE to SW	N/K	7-Jun, 22:07
	2-3km SSE	Recorded	16	Projectile	NE to SW	N/K	7-Jun, 22:08
	2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	7-Jun, 22:09
	2-3km SSE	Recorded	7	Projectile	NE to SW	N/K	7-Jun, 22:10
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	7-Jun, 22:11
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	7-Jun, 22:11
	2-3km SSE	Recorded	7	Projectile	NE to SW	N/K	7-Jun, 22:12
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	7-Jun, 22:13
	2-3km SSE	Recorded	9	Projectile	ENE to WSW	N/K	7-Jun, 22:14
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	7-Jun, 22:14
	2-3km SSE	Recorded	2	Projectile	ENE to WSW	N/K	7-Jun, 22:15
	2-3km SSE	Recorded	3	Projectile	ENE to WSW	N/K	7-Jun, 22:18
	2-3km SSE	Recorded	3	Projectile	ENE to WSW	N/K	7-Jun, 22:19
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	7-Jun, 22:20
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	7-Jun, 22:28
	2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	7-Jun, 23:09
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	7-Jun, 23:31
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	7-Jun, 23:43
	1-2km S	Recorded	7	Projectile	W to E	N/K	8-Jun, 00:02
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	8-Jun, 00:03
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 00:26
	2-3km SSE	Recorded	2	Projectile	ENE to WSW	N/K	8-Jun, 00:27
	2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	8-Jun, 00:30
	2-3km SSE	Recorded	2	Projectile	ENE to WSW	N/K	8-Jun, 00:32
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 00:36
	2-3km SSE	Recorded	14	Projectile	NE to SW	N/K	8-Jun, 00:37
	2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	8-Jun, 00:39
	2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	8-Jun, 00:54

<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.

	1-2km S	Recorded	7	Projectile	W to E	N/K	8-Jun, 01:14
	2-3km SSE	Recorded	14	Projectile	NE to SW	N/K	8-Jun, 01:31
	2-3km SSE	Recorded	13	Projectile	NE to SW	N/K	8-Jun, 01:32
	2-3km SSE	Recorded	6	Projectile	NE to SW	N/K	8-Jun, 01:33
	2-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	8-Jun, 01:38
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 01:40
	2-3km SSE	Recorded	9	Projectile	NE to SW	N/K	8-Jun, 01:41
	2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	8-Jun, 01:42
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 02:08
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 02:09
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	8-Jun, 02:10
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 02:12
	2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	8-Jun, 02:13
	1-3km S	Recorded	8	Projectile	W to E	N/K	8-Jun, 02:13
	2-3km SSE	Recorded	11	Projectile	NE to SW	N/K	8-Jun, 02:14
	2-4km SSE	Recorded	14	Projectile	ENE to WSW	N/K	8-Jun, 02:25
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 02:32
	2-3km SSE	Recorded	3	Projectile	ENE to WSW	N/K	8-Jun, 03:29
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	W to E	N/K	7-Jun, 22:08
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	7-Jun, 22:40
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	8-Jun, 01:26
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	8-Jun, 02:56
	1-2km SSW	Recorded	1	Projectile	NNE to SSW	N/K	8-Jun, 02:56
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	8-Jun, 03:06
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	8-Jun, 03:11
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	12	Projectile	NW to SE	N/K	7-Jun, 21:22
	1-2km E	Recorded	12	Projectile	SW to NE	N/K	7-Jun, 21:22
	2-4km E	Recorded	5	Projectile	ENE to WSW	N/K	7-Jun, 21:24
	1-2km E	Recorded	7	Projectile	ESE to WNW	N/K	7-Jun, 21:24
	1-2km E	Recorded	2	Projectile	NW to SE	N/K	7-Jun, 21:26
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	27	Projectile	NE to SW	N/K	7-Jun, 21:22
	2-4km S	Recorded	1	Projectile	SSW to NNE	N/K	7-Jun, 21:22
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 21:22
	1-2km SSE	Recorded	1	Projectile	ENE to WSW	N/K	7-Jun, 21:23
	1-2km SSE	Recorded	18	Projectile	ENE to WSW	N/K	7-Jun, 21:24
	1-2km SSE	Recorded	1	Explosion	Impact	N/K	7-Jun, 21:24
	1-2km SSE	Recorded	13	Projectile	NE to SW	N/K	7-Jun, 21:26
	2-4km SSE	Recorded	3	Projectile	E to W	N/K	7-Jun, 21:31
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 22:41
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 22:41
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	7-Jun, 23:43
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	8-Jun, 00:39
	2-4km S	Recorded	10	Projectile	NW to SE	N/K	8-Jun, 01:06
	2-4km S	Recorded	5	Projectile	W to E	N/K	8-Jun, 01:23
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Jun, 01:31
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard	24	Shot		Small arms	8-Jun, 09:22-09:57
	2-3km S	Heard	1	Explosion	Undetermined	N/K	8-Jun, 09:30
	2-3km E	Heard	2	Burst		Small arms	8-Jun, 09:49-09:57
About 1km NW of Yasynuvata railway station (non-government-controlled, 16km NE of Donetsk)	2-3km E	Heard	Uncountable	Burst	Assessed as training	Small arms	8-Jun, 09:00-10:00
Oleksandrivka (non-government-	3-4km W	Heard	4	Explosion	Undetermined	N/K	8-Jun, 09:42-09:45

controlled, 20km SW of Donetsk)							
Marinka (government-controlled, 23km SW of Donetsk)	1-2km E	Heard	1	Burst		Small arms	8-Jun, 11:10
Mariupol(government-controlled, 102km south of Donetsk)	10-15km ENE	Heard	5	Explosion	Undetermined	Artillery (type N/K)	8-Jun, 08:10-08:15
Novohnativka (government-controlled, 40km S of Donetsk)	3-5km ENE	Heard	5	Explosion	Undetermined	N/K	8-Jun, 10:12-10:17
	N/K ENE	Heard	1	Shot		Small arms	8-Jun, 10:12-10:17
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K SSE	Heard	5	Shot		N/K	8-Jun, 11:33
About 1.4km N of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	1	Shot		Small arms	8-Jun, 09:15
Holmivskiyi (non-government-controlled, 49km NE of Donetsk)	5-6km SE	Heard	22	Explosion	Undetermined	N/K	8-Jun, 10:16-10:35
	2-3km NNE	Heard	14	Explosion		HMG	8-Jun, 10:22-10:26
	2-3km NNE	Heard	3	Shot		Small arms	8-Jun, 10:27
	5-7km SE	Heard	7	Explosion	Undetermined	N/K	8-Jun, 10:36
	2-4km NNE	Heard	6	Burst		HMG	8-Jun, 11:44
	3-5km NW	Heard	3	Explosion	Undetermined	N/K	8-Jun, 12:29
About 5.5 km NW of Horlivka (non-government controlled, 39 km NE of Donetsk)	4-5km E	Heard	8	Explosion	Undetermined	N/K	8-Jun, 10:10-10:20
	4-5km E	Heard	3	Explosion	Undetermined	N/K	8-Jun, 10:30
	4-5km E	Heard	11	Explosion	Undetermined	N/K	8-Jun, 11:18-11:19
	3-4km W	Heard	6	Explosion	Undetermined	N/K	8-Jun, 11:20-10:21
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km ESE	Heard	2	Explosion	Undetermined	N/K	8-Jun, 10:44
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	8-Jun, 11:35
	3-5km E	Heard	1	Explosion	Undetermined	N/K	8-Jun, 09:11
	3-5km E	Heard	15	Burst		HMG	8-Jun, 09:21
	2-4km SE	Heard	17	Explosion	Undetermined	N/K	8-Jun, 10:12-10:30
	3-4km W	Heard	2	Explosion	Undetermined	N/K	8-Jun, 10:44
	3-5km SSW	Heard	4	Explosion	Undetermined	N/K	8-Jun, 13:14
	3-5km SSW	Heard	11	Explosion	Undetermined	N/K	8-Jun, 13:23-13:25
	3-5km SSW	Heard	3	Explosion	Undetermined	N/K	8-Jun, 13:43
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	3-5km NW	Recorded	1	Explosion	Undetermined (assessed as outside the Stanytsia Luhanska disengagement area)	N/K	8-Jun, 03:46
SMM camera	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	7-Jun, 22:56

in Zolote (government-controlled, 60km W of Luhansk)					(assessed as outside the disengagement area)		
N edge of Popasna (government-controlled, 69km W of Luhansk)	4.5-6km E	Heard	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 17:23
	4.5-6km E	Heard	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 17:31
	4.5-6km E	Heard and saw	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 17:40
	4.5-6km E	Heard and saw	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 17:48
	4-6km E	Heard	2	Burst		N/K	7-Jun, 17:55
	4.5-6km E	Heard and saw	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 17:56
	4.5-6km E	Heard and saw	1	Explosion	Undetermined (possible controlled detonation)	N/K	7-Jun, 18:54
	4-8km SE	Heard	11	Explosion	Undetermined	N/K	7-Jun, 19:14-19:31
	4-8km SE	Heard	81	Explosion	Undetermined	N/K	7-Jun, 19:32-20:08
	4-8km SE	Heard	2	Burst		HMG	7-Jun, 19:32-20:08
	4-8km SE	Heard	4	Explosion	Undetermined	N/K	7-Jun, 20:39-20:45
	4-8km SE	Heard	5	Explosion	Undetermined	N/K	7-Jun, 20:53-21:00
	4-8km SE	Heard	8	Explosion	Undetermined	N/K	7-Jun, 21:31-21:56
	4-8km SE	Heard	6	Burst		HMG	7-Jun, 21:31-21:56
	4-8km SE	Heard	13	Explosion	Undetermined	N/K	7-Jun, 22:43-23:10
	4-8km SE	Heard	4	Burst		Small arms	7-Jun, 22:43-23:10
	4-8km SE	Heard	5	Burst		HMG	7-Jun, 22:43-23:10
	4-8km SE	Heard	8	Explosion	Undetermined	N/K	7-Jun, 23:30-23:38
	4-8km SE	Heard	3	Burst		HMG	7-Jun, 23:30-23:38
	4-8km SE	Heard	6	Explosion	Undetermined		7-Jun, 23:53-00:00
	4-8km SE	Heard	5	Burst		HMG	7-Jun, 23:53-00:00
	6-8km SW	Heard	4	Burst		HMG	8-Jun, 08:29-08:31
	6-8km SW	Heard	2	Explosion	Undetermined	N/K	8-Jun, 08:29-08:31
	4-6km SE	Heard	21	Explosion	Undetermined	N/K	8-Jun, 17:20-17:30
7-10km SE	Heard	49	Explosion	Undetermined	N/K	8-Jun, 18:19-18:55	

	4-7km SE	Heard	10	Burst		HMG	8-Jun, 18:19-18:55
	4-6km SE	Heard	2	Shot		Small arms	8-Jun, 18:19-18:55
E edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Heard	4	Burst		Small arms	8-Jun, 08:55-08:58
	1-2km E	Heard	8	Shot		Small arms	8-Jun, 08:55-08:58
	6-10km E	Heard	1	Explosion	Undetermined	N/K	8-Jun, 09:12
	3-5km SE	Heard	1	Burst		Small arms	8-Jun, 09:58-10:02
	3-5km SE	Heard	9	Shot		Small arms	8-Jun, 09:18
	3-5km E	Heard	2	Explosion	Undetermined	N/K	8-Jun, 09:25
	1-3km SE	Heard	4	Burst		Small arms	8-Jun, 09:43-09:45
	1-3km SE	Heard	3	Explosion	Undetermined	N/K	8-Jun, 09:43-09:45
	1-2km SE	Heard	4	Burst		Small arms	8-Jun, 09:55
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	8-Jun, 10:01
	0.8-1.5km NNE	Heard	3	Other	Outgoing (suspected signal flares)	Other	8-Jun, 10:09
	1-2km SE	Heard	5	Burst		Small arms	8-Jun, 10:13
	1-2km SE	Heard	1	Explosion	Outgoing	AGL	8-Jun, 10:13
	0.8-1.5km NNE	Heard	50	Burst		HMG	8-Jun, 16:07-16:10
	0.5-1.5km NNE	Heard	5	Burst		Small arms	8-Jun, 16:10
	E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K
Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Heard	2	Explosion	Undetermined	N/K	8-Jun, 10:42-10:44
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	1-2km SSW	Heard	1	Shot		Small arms	8-Jun, 10:00
	1-2km NW	Heard	1	Shot		Small arms	8-Jun, 10:05
SW edge of Kalynove (non-government-controlled, 60km W of Luhansk)	1-1.5km SW	Heard	19	Shot		Small arms	8-Jun, 11:08-11:09
1km N of Kalynove-Borshchuvate (non-government-controlled, 61km west of Luhansk)	1-2km WNW	Heard	70	Burst		HMG	8-Jun, 16:08-16:14
SMM camera	3-5km ESE	Recorded	1	Illumination	In vertical flight	N/K	8-Jun, 23:34

in Avdiivka (government-controlled, 17km N of Donetsk)				flare			
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-3km SSE	Recorded	2	Explosion		N/K	8-Jun, 21:01
	2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	8-Jun, 21:34
	2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	8-Jun, 21:38
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 21:39
	2-4km SSE	Recorded	10	Projectile	NE to SW	N/K	8-Jun, 21:42
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	8-Jun, 21:45
	3-4km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 22:09
	3-4km SSE	Recorded	6	Projectile	NE to SW	N/K	8-Jun, 22:14
	3-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	8-Jun, 22:16
	3-4km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 22:16
	3-4km SSE	Recorded	11	Projectile	WSW to ENE	N/K	8-Jun, 22:19
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 22:20
	3-4km S	Recorded	1	Explosion	Impact	N/K	8-Jun, 22:20
	2-3km SSE	Recorded	1	Explosion	Outgoing	N/K	8-Jun, 22:20
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 22:23
	3-4km SSE	Recorded	10	Projectile	WSW to ENE	N/K	8-Jun, 22:23
	2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	8-Jun, 22:30
	3-4km SSE	Recorded	13	Projectile	W to E	N/K	8-Jun, 22:31
	3-4km SSE	Recorded	13	Projectile	W to E	N/K	8-Jun, 22:34
	3-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	8-Jun, 22:35
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	8-Jun, 22:49
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 23:08
	2-3km SSE	Recorded	17	Projectile	NE to SW	N/K	8-Jun, 23:09
	2-3km SSE	Recorded	31	Projectile	NE to SW	N/K	8-Jun, 23:10
	2-3km SSE	Recorded	9	Projectile	NE to SW	N/K	8-Jun, 23:11
	2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	8-Jun, 23:12
	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	8-Jun, 23:13
	2-3km SSE	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 23:14
	2-3km SSE	Recorded	7	Projectile	NE to SW	N/K	8-Jun, 23:15
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	8-Jun, 23:35
	2-3km SSE	Recorded	9	Projectile	NE to SW	N/K	8-Jun, 23:36
	2-3km SSE	Recorded	9	Projectile	NE to SW	N/K	8-Jun, 23:37
	2-3km SSE	Recorded	8	Projectile	NE to SW	N/K	8-Jun, 23:39
	2-3km SE	Recorded	7	Projectile	W to E	N/K	8-Jun, 23:41
	2-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	8-Jun, 23:41
	2-3km SSE	Recorded	1	Projectile	W to E	N/K	8-Jun, 23:53
	2-3km SSE	Recorded	1	Explosion	Outgoing	N/K	8-Jun, 23:53
	2-3km SSE	Recorded	9	Projectile	NE to SW	N/K	9-Jun, 00:03
	2-3km SSE	Recorded	1	Explosion	Impact	N/K	9-Jun, 00:03
	2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	9-Jun, 00:05
2-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Jun, 00:05	
2-3km SSE	Recorded	35	Projectile	NE to SW	N/K	9-Jun, 00:06	
2-3km SSE	Recorded	10	Projectile	NE to SW	N/K	9-Jun, 00:07	
2-3km SSE	Recorded	6	Projectile	NE to SW	N/K	9-Jun, 00:08	
3-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	9-Jun, 00:14	
2-3km SSE	Recorded	14	Projectile	NE to SW	N/K	9-Jun, 00:31	
2-3km SE	Recorded	1	Explosion	Impact	N/K	9-Jun, 00:31	
2-3km SSE	Recorded	11	Projectile	NE to SW	N/K	9-Jun, 00:32	
2-3km SSE	Recorded	26	Projectile	NE to SW	N/K	9-Jun, 00:33	
2-3km SSE	Recorded	4	Projectile	NE to SW	N/K	9-Jun, 00:34	
2-3km SSE	Recorded	25	Projectile	NE to SW	N/K	9-Jun, 00:35	
2-3km SSE	Recorded	15	Projectile	NE to SW	N/K	9-Jun, 00:36	
2-3km SSE	Recorded	20	Projectile	NE to SW	N/K	9-Jun, 00:37	
2-3km SSE	Recorded	6	Projectile	NE to SW	N/K	9-Jun, 00:38	
2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	9-Jun, 00:48	
2-3km SSE	Recorded	14	Projectile	NE to SW	N/K	9-Jun, 00:49	
2-3km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 00:49	
2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	9-Jun, 00:50	
2-3km SSE	Recorded	1	Projectile	In vertical flight	N/K	9-Jun, 01:51	

SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	8-Jun, 23:34
	1-2km SSW	Recorded	3	Projectile	In vertical flight	N/K	8-Jun, 23:37
	1-2km SSW	Recorded	8	Projectile	WNW to ESE	N/K	8-Jun, 23:37
	0.08-1km S	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:37
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	8-Jun, 21:56
	2-4km E	Recorded	1	Muzzle flash		N/K	8-Jun, 21:56
	2-4km E	Recorded	2	Muzzle flash		N/K	8-Jun, 22:14
	2-4km E	Recorded	4	Projectile	WNW to ESE	N/K	8-Jun, 22:16
	2-4km E	Recorded	8	Projectile	NW to SE	N/K	8-Jun, 22:19
	2-4km E	Recorded	1	Muzzle flash		N/K	8-Jun, 22:19
	2-4km ESE	Recorded	8	Projectile	S to N	N/K	8-Jun, 22:22
	2-4km ESE	Recorded	2	Projectile	S to N	N/K	8-Jun, 22:23
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	8-Jun, 22:31
	2-4km ESE	Recorded	6	Projectile	SW to NE	N/K	8-Jun, 22:31
	2-4km ESE	Recorded	16	Projectile	SW to NE	N/K	8-Jun, 22:32
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	8-Jun, 22:34
	2-4km E	Recorded	7	Projectile	NW to SE	N/K	8-Jun, 22:34
	2-4km ENE	Recorded	2	Projectile	WNW to ESE	N/K	8-Jun, 22:39
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	8-Jun, 22:41
	2-4km E	Recorded	1	Projectile	W to E	N/K	8-Jun, 22:44
	2-4km ESE	Recorded	16	Projectile	SW to NE	N/K	8-Jun, 22:53
	2-4km E	Recorded	1	Projectile	NW to SE	N/K	9-Jun, 00:11
	2-4km ESE	Recorded	8	Projectile	SW to NE	N/K	9-Jun, 00:14
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	9-Jun, 00:15
	2-4km E	Recorded	1	Projectile	WNW to ESE	N/K	9-Jun, 01:02
	SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	5	Explosion	Undetermined	N/K
2-4km E		Recorded	5	Explosion	Undetermined	N/K	9-Jun, 00:54
2-4km E		Recorded	5	Explosion	Undetermined	N/K	9-Jun, 00:55
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Jun, 00:56
	1-3km NNE	Recorded	1	Projectile	ESE to WNW	N/K	8-Jun, 22:14
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	8-Jun, 23:51
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km NNE	Recorded	2	Projectile	SW to NE	N/K	8-Jun, 23:51
	6-8km NE	Recorded	1	Illumination flare	In vertical flight	N/K	8-Jun, 23:34
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	8	Projectile	NW to SE	N/K	8-Jun, 21:08
	2-4km S	Recorded	3	Projectile	W to E	N/K	8-Jun, 21:09
	2-4km S	Recorded	3	Projectile	E to W	N/K	8-Jun, 22:08
	2-4km S	Recorded	3	Projectile	E to W	N/K	8-Jun, 22:09
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	8-Jun, 22:10
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	8-Jun, 22:14
	2-4km SSW	Recorded	4	Projectile	E to W	N/K	8-Jun, 22:14
	2-4km SSW	Recorded	1	Projectile	E to W	N/K	8-Jun, 22:15
	2-4km SSW	Recorded	3	Projectile	E to W	N/K	8-Jun, 22:16
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Jun, 22:17
	2-4km S	Recorded	1	Projectile	NNE to SSW	N/K	8-Jun, 22:18
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	8-Jun, 22:19
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	8-Jun, 22:20
	2-4km SSE	Recorded	15	Projectile	W to E	N/K	8-Jun, 22:22
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	8-Jun, 22:23
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	8-Jun, 22:31
	2-4km SSE	Recorded	18	Projectile	W to E	N/K	8-Jun, 22:32

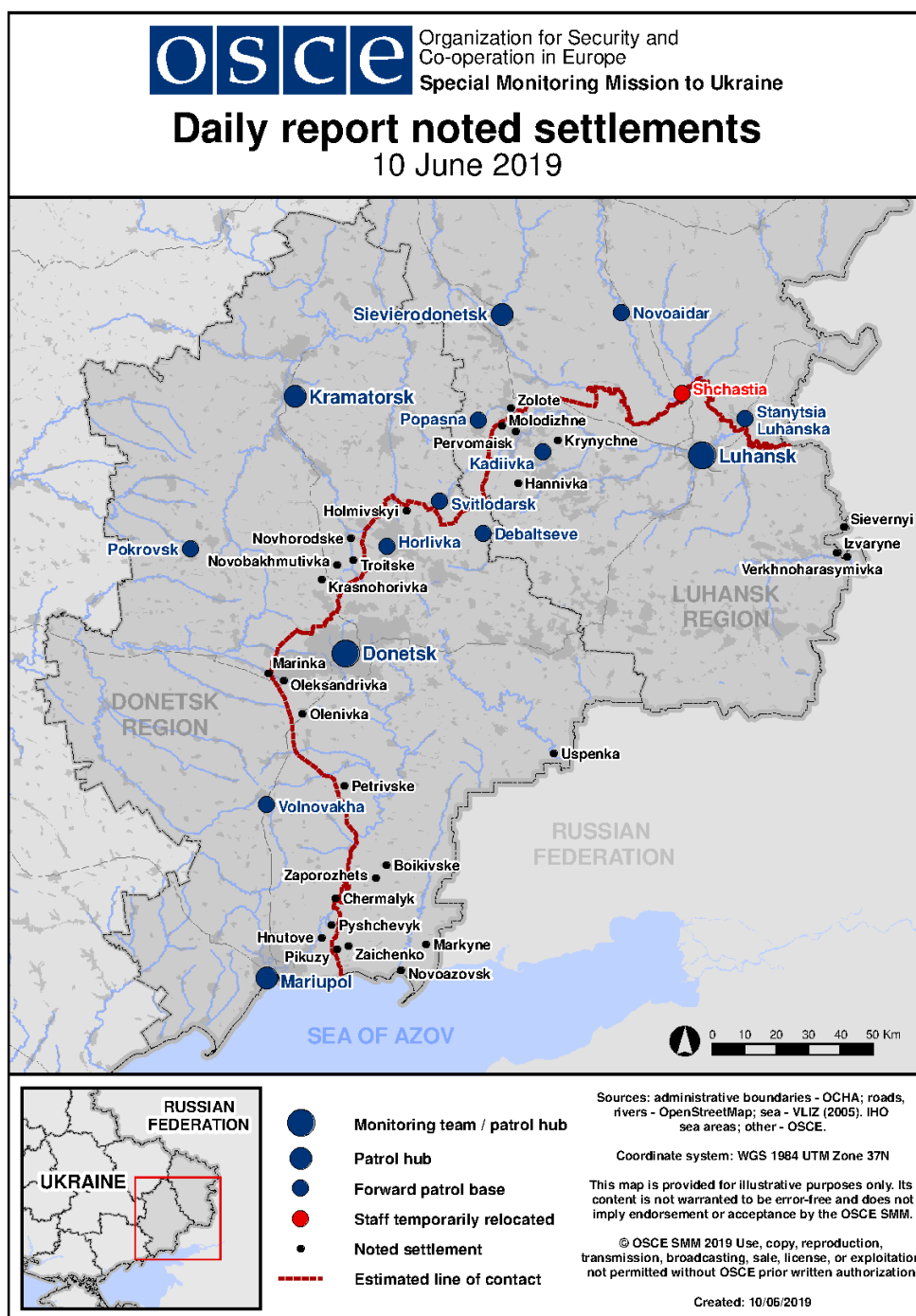
	2-4km SSE	Recorded	11	Projectile	W to E	N/K	8-Jun, 22:34
	2-4km S	Recorded	6	Projectile	W to E	N/K	8-Jun, 22:34
	2-4km S	Recorded	1	Projectile	W to E	N/K	8-Jun, 22:35
	2-4km SSE	Recorded	28	Projectile	W to E	N/K	8-Jun, 22:53
	2-4km S	Recorded	1	Projectile	In vertical flight	N/K	8-Jun, 23:01
	2-4km S	Recorded	2	Projectile	W to E	N/K	8-Jun, 23:02
	2-4km S	Recorded	2	Projectile	E to W	N/K	8-Jun, 23:10
	2-4km S	Recorded	1	Projectile	E to W	N/K	8-Jun, 23:11
	2-4km S	Recorded	5	Projectile	W to E	N/K	8-Jun, 23:55
	2-4km S	Recorded	4	Projectile	E to W	N/K	9-Jun, 00:11
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	9-Jun, 00:11
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	9-Jun, 00:13
	2-4km SSE	Recorded	9	Projectile	W to E	N/K	9-Jun, 00:14
	2-4km SSE	Recorded	5	Projectile	W to E	N/K	9-Jun, 00:15
	3-5km S	Recorded	5	Projectile	In vertical flight	N/K	9-Jun, 00:19
	3-5km S	Recorded	4	Projectile	In vertical flight	N/K	9-Jun, 00:20
	2-4km S	Recorded	2	Projectile	W to E	N/K	9-Jun, 00:20
	2-4km S	Recorded	1	Projectile	W to E	N/K	9-Jun, 00:21
	2-4km SSW	Recorded	1	Projectile	E to W	N/K	9-Jun, 00:34
	3-5km S	Recorded	2	Projectile	In vertical flight	N/K	9-Jun, 00:18
	2-4km S	Recorded	3	Projectile	NE to SW	N/K	9-Jun, 01:51
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	9-Jun, 02:15
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:24
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:28
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:33
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:35
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:38
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	9-Jun, 02:38
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:41
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	9-Jun, 02:53
About 1.7km WNW of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SE	Heard	Uncountable	Burst	Uncountable overlapping (assessed as training range)	HMG	9-Jun, 08:42-08:57
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SE	Heard	Uncountable	Burst	Uncountable overlapping (assessed as training range)	HMG	9-Jun, 09:00-09:57
	1-2km W	Heard	21	Shot		Small arms	9-Jun, 13:14-13:22
	1-2km SW	Heard	27	Burst		HMG	9-Jun, 13:14-13:22
	1-2km SW	Heard	6	Shot		Small arms	9-Jun, 13:14-13:22
	1-2km NNW	Heard	2	Shot		Small arms	9-Jun, 13:55
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SW	Heard	5	Burst		Small arms	9-Jun, 09:43-09:49
	2-3km S	Heard	25	Burst		Small arms	9-Jun, 11:03-11:08
S edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	9-Jun, 11:31
	2-3km SE	Heard	4	Burst		HMG	9-Jun, 11:46
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Jun, 12:16
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Jun, 12:20
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Jun, 13:58
About 1.9km N of Petrivske (non-	2-3km SSW	Heard	4	Shot	Assessed as inside DA	HMG	9-Jun, 10:58



government-controlled, 41km S of Donetsk)							
About 6.5km NW of Donetsk city center (non-government-controlled)	5-6km NW	Heard	1	Explosion	Undetermined	N/K	9-Jun, 11:33
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	9-Jun, 11:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard	8	Explosion	Undetermined	N/K	8-Jun, 20:20
	3-5km SE	Heard	3	Burst		HMG	8-Jun, 20:22
	3-5km SE	Heard	7	Burst		HMG	8-Jun, 20:27
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	8-Jun, 20:29
	3-5km SE	Heard	8	Burst		HMG	8-Jun, 20:32
	4-6km SE	Heard	5	Explosion	Undetermined	N/K	8-Jun, 20:38
	3-5km SE	Heard	4	Burst		HMG	8-Jun, 20:41
	4-6km SE	Heard	6	Explosion	Undetermined	N/K	8-Jun, 20:42
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	8-Jun, 20:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SE	Heard	5	Burst		HMG	8-Jun, 20:54
	4-5km SE	Heard	1	Explosion		N/K	8-Jun, 19:40
	4-5km SE	Heard	4	Explosion		N/K	8-Jun, 22:20-22:23
	4-5km SE	Heard	10	Explosion		N/K	9-Jun, 03:10-03:13
	4-5km SE	Heard	2	Explosion		N/K	9-Jun, 03:30
About 1.4km N of Kamianka (government-controlled, 20km N of Donetsk)	4-5km S	Heard	8	Burst		HMG	9-Jun, 03:30-03:32
	2-3km S	Heard	1	Explosion	Undetermined	N/K	9-Jun, 08:52
	2-3km SE	Heard	7	Burst		Small arms	9-Jun, 09:25
	3-4km SE	Heard	7	Explosion	Undetermined	N/K	9-Jun, 09:30
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	9-Jun, 09:57
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km SE	Heard	8	Burst		HMG	9-Jun, 10:10
	1-3km E	Recorded	1	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	8-Jun, 22:03
	2-4km SSE	Recorded	1	Projectile	WNW to ESE (assessed as inside the disengagement area)	N/K	8-Jun, 22:33
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	8-Jun, 22:49
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Jun, 00:20
	2-4km SSE	Recorded	1	Projectile	WNW to ESE (assessed as inside the disengagement area)	N/K	9-Jun, 00:26
N edge of Popasna	4-8km SE	Heard	199	Explosion	Undetermined	N/K	8-Jun, 19:12-20:27

(government-controlled, 69km W of Luhansk)	4-8km SE	Heard	8	Burst		HMG	8-Jun, 19:12-20:27
	4-8km SE	Heard	25	Explosion	Undetermined	N/K	8-Jun, 20:39-21:15
	4-8km SE	Heard	8	Explosion	Undetermined	N/K	8-Jun, 21:42-22:20
	4-8km SE	Heard	55	Explosion	Undetermined	N/K	8-Jun, 23:07-00:08
	4-8km SE	Heard	3	Burst		Small arms	8-Jun, 23:07-00:08
	4-8km SE	Heard	49	Burst		HMG	8-Jun, 23:07-00:08
	3-5km NNE	Heard	130	Explosion	Outgoing	Artillery (type N/K)	9-Jun, 04:00-04:26
	3-5km SSW	Heard	6	Explosion	Outgoing	Artillery (type N/K)	9-Jun, 04:30-05:00
	4-6km NE	Heard	24	Explosion	Outgoing	N/K	9-Jun, 08:22-09:10
	15-16km SE	Heard	24	Explosion	Impact	N/K	9-Jun, 08:22-09:10
	4-6km SE	Heard	21	Burst		HMG	9-Jun, 08:22-09:10
	4-6km SE	Heard	36	Shot		Small arms	9-Jun, 08:22-09:10
	E edge of Popasna (government-controlled, 69km W of Luhansk)	1km NE	Heard	4	Shot		Small arms
1-2km SSE		Heard	12	Shot		Small arms	9-Jun, 10:00-10:07
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1-2km NNE	Heard	1	Explosion	Undetermined	N/K	9-Jun, 10:41-10:50
	1-2km NNE	Heard	3	Shot		Small arms	9-Jun, 10:41-10:50
E edge of Toshkivka (government-controlled, 60km north-west of Luhansk)	10km SSW	Heard	1	Explosion	Undetermined	N/K	9-Jun, 10:50
	5-7km S	Heard	1	Explosion	Undetermined	N/K	9-Jun, 11:04
1.7km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	0.15-0.2km SSE	Heard	1	Shot		Small arms	9-Jun, 14:36
	0.2km W	Heard	3	Shot		Small arms	9-Jun, 14:37

## 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).