

**Table of ceasefire violations as of 17 September 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	8	Projectile	NE to SW	N/K	16-Sep, 23:22
	2-4km SE	Recorded	6	Projectile	In vertical flight	N/K	16-Sep, 23:22
	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	17-Sep, 00:04
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	17-Sep, 02:12
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 03:21
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	1-3km SSE	Recorded	7	Projectile	ENE to WSW	N/K	16-Sep, 20:48
	1-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Sep, 20:49
	1-3km SSE	Recorded	2	Burst	ENE to WSW	N/K	16-Sep, 20:50
	1-3km S	Recorded	16	Projectile	NW to SE	N/K	16-Sep, 20:51
	1-3km SSE	Recorded	17	Projectile	N to S	N/K	16-Sep, 20:51
	1-3km S	Recorded	8	Projectile	NW to SE	N/K	16-Sep, 20:52
	1-3km SSE	Recorded	6	Projectile	N to S	N/K	16-Sep, 20:52
	1-3km SSE	Recorded	10	Projectile	N to S	N/K	16-Sep, 21:30
	1-3km SSE	Recorded	6	Projectile	N to S	N/K	16-Sep, 21:33
	1-3km SSE	Recorded	2	Projectile	NW to SE	N/K	16-Sep, 23:34
	1-3km SSE	Recorded	3	Projectile	NW to SE	N/K	16-Sep, 23:35
	1-3km SSE	Recorded	1	Projectile	NW to SE	N/K	16-Sep, 23:37
	1-3km SSE	Recorded	3	Projectile	NW to SE	N/K	16-Sep, 23:38
	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 23:38
	1-3km SSE	Recorded	1	Projectile	NW to SE	N/K	17-Sep, 01:50
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:13
	1-2km SSW	Recorded	7	Projectile	W to E	N/K	16-Sep, 20:32
	1-2km SSW	Recorded	1	Burst	SE to NW	N/K	16-Sep, 20:34
	1-2km S	Recorded	2	Projectile	E to W	N/K	16-Sep, 20:34
	1-2km SSW	Recorded	1	Explosion	Airburst	N/K	16-Sep, 20:37
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:40
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	16-Sep, 20:55
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	16-Sep, 21:03
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 22:11
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 22:14
	1-2km S	Recorded	5	Explosion	Undetermined	N/K	16-Sep, 22:15
	1-2km SSW	Recorded	1	Muzzle flash		N/K	16-Sep, 22:16
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	16-Sep, 22:52
	1-2km SSW	Recorded	15	Projectile	W to E	N/K	16-Sep, 22:53
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	16-Sep, 22:56
	1-2km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 23:06
	1-2km SSW	Recorded	6	Projectile	NW to SE	N/K	16-Sep, 23:22
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	16-Sep, 23:22
	1-2km SSW	Recorded	1	Projectile	NNE to SSW	N/K	16-Sep, 23:22
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	16-Sep, 23:24
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	16-Sep, 23:34
	1-2km SW	Recorded	1	Projectile	W to E	N/K	17-Sep, 00:00
	1-2km SSW	Recorded	8	Projectile	W to E	N/K	17-Sep, 00:04
	2-4km SSW	Recorded	1	Explosion	Airburst	N/K	17-Sep, 00:04
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	17-Sep, 00:14
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	17-Sep, 00:37
	0.7-1km S	Recorded	1	Projectile	E to W	N/K	17-Sep, 00:56
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	17-Sep, 01:08
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	17-Sep, 01:13
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	17-Sep, 01:15

<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 SSW	Recorded	1	Projectile	W to E	N/K	17-Sep, 01:17
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	17-Sep, 01:19
	1-2km SSW	Recorded	2	Muzzle flash		N/K	17-Sep, 01:19
	1-3km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	17-Sep, 01:29
	0.4-0.7km SSW	Recorded	1	Projectile	NNW to SSE	N/K	17-Sep, 02:09
	0.4-0.7km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 02:09
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	17-Sep, 02:11
	0.7-1.5km SSW	Recorded	1	Projectile	W to E	N/K	17-Sep, 02:48
	1-2km SW	Recorded	1	Projectile	W to E	N/K	17-Sep, 02:56
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 03:13
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 03:21
	1-2km SW	Recorded	1	Projectile	NW to SE	N/K	17-Sep, 03:48
	0.4-0.7km SSW	Recorded	3	Explosion	Undetermined	N/K	17-Sep, 03:55
	0.2-0.5km SW	Recorded	4	Projectile	SSW to NNE	N/K	17-Sep, 03:55
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 04:06
SMM camera 1km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km E	Recorded	1	Projectile	N to S	N/K	16-Sep, 19:31
	2-4km E	Recorded	1	Explosion	Impact	N/K	16-Sep, 19:31
	2-4km ENE	Recorded	1	Burst	S to N	N/K	16-Sep, 19:33
	2-4km ENE	Recorded	1	Muzzle flash		N/K	16-Sep, 19:34
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	16-Sep, 19:34
	2-4km ENE	Recorded	1	Explosion	Impact	N/K	16-Sep, 19:34
	2-4km ENE	Recorded	1	Burst	S to N	N/K	16-Sep, 19:35
	2-4km ENE	Recorded	1	Muzzle flash		N/K	16-Sep, 19:35
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	16-Sep, 19:35
	2-4km E	Recorded	1	Explosion	Impact	N/K	16-Sep, 19:35
	2-4km ENE	Recorded	6	Projectile	NW to SE	N/K	16-Sep, 19:44
	2-4km ENE	Recorded	2	Muzzle flash		N/K	16-Sep, 19:44
	2-4km ENE	Recorded	9	Projectile	N to S	N/K	16-Sep, 19:47
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	16-Sep, 19:56
	2-4km E	Recorded	5	Projectile	NNW to SSE	N/K	16-Sep, 20:07
	2-4km E	Recorded	2	Projectile	N to S	N/K	16-Sep, 20:48
	2-4km E	Recorded	8	Projectile	SSW to NNE	N/K	16-Sep, 21:36
	2-4km E	Recorded	3	Projectile	WNW to ESE	N/K	16-Sep, 21:37
	2-4km ENE	Recorded	6	Projectile	WNW to ESE	N/K	16-Sep, 21:37
	2-4km E	Recorded	6	Projectile	SSW to NNE	N/K	16-Sep, 21:38
	2-4km E	Recorded	6	Projectile	SSW to NNE	N/K	16-Sep, 21:38
	2-4km ENE	Recorded	5	Projectile	WNW to ESE	N/K	16-Sep, 22:47
	2-4km E	Recorded	2	Projectile	WNW to ESE	N/K	16-Sep, 23:15
	2-4km E	Recorded	12	Projectile	SSW to NNE	N/K	16-Sep, 23:29
	2-4km E	Recorded	1	Projectile	WNW to ESE	N/K	16-Sep, 23:55
	2-4km S	Recorded	4	Projectile	N to S	N/K	17-Sep, 00:33
	2-4km E	Recorded	2	Projectile	WNW to ESE	N/K	17-Sep, 00:34
	2-4km E	Recorded	1	Projectile	WNW to ESE	N/K	17-Sep, 00:35
	2-4km E	Recorded	16	Projectile	SSW to NNE	N/K	17-Sep, 00:39
	2-4km E	Recorded	4	Projectile	NNW to SSE	N/K	17-Sep, 00:47
	2-4km E	Recorded	1	Projectile	WNW to ESE	N/K	17-Sep, 00:48
	2-4km E	Recorded	8	Projectile	WSW to ENE	N/K	17-Sep, 02:08
2-4km E	Recorded	1	Projectile	WNW to ESE	N/K	17-Sep, 02:21	
2-4km E	Recorded	4	Projectile	WNW to ESE	N/K	17-Sep, 04:04	
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	16-Sep, 19:40
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 21:17
	2-4km SW	Recorded	2	Projectile	SE to NW	N/K	16-Sep, 21:49
	2-4km SW	Recorded	1	Explosion	Impact	N/K	16-Sep, 21:56
	2-4km SW	Recorded	1	Projectile	NNW to SSE	N/K	16-Sep, 21:56
	2-4km SW	Recorded	1	Projectile	SE to NW	N/K	16-Sep, 22:00
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 22:33
	2-4km SW	Recorded	12	Projectile	NNW to SSE	N/K	16-Sep, 22:52
2-4km SW	Recorded	1	Projectile	NE to SW	N/K	17-Sep, 01:11	
2-4km SW	Recorded	5	Projectile	ESE to WNW	N/K	17-Sep, 01:48	

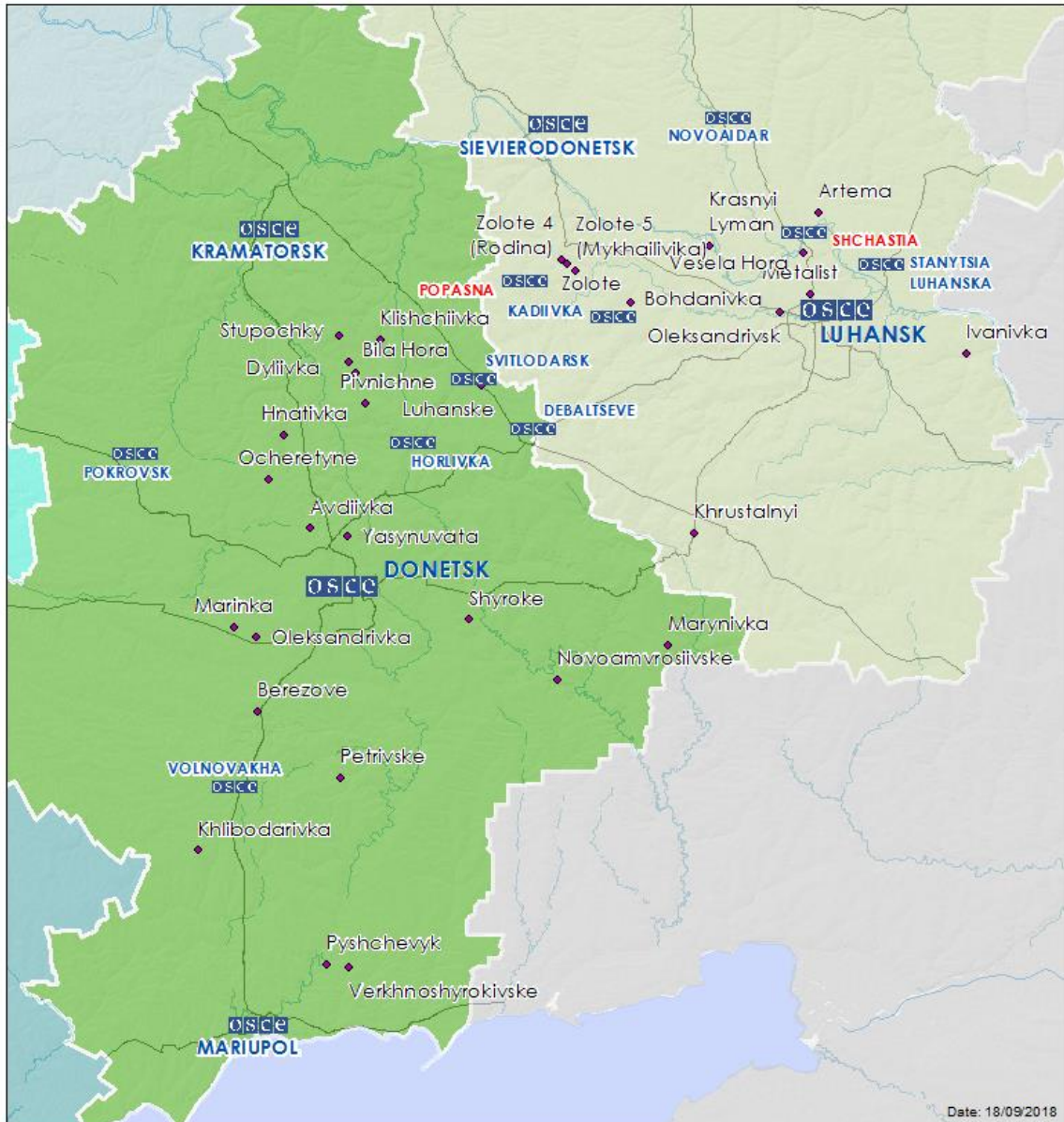
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km SW	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 02:32
	2-4km SW	Recorded	1	Muzzle flash		N/K	17-Sep, 02:33
	2-4km SW	Recorded	4	Projectile	SSE to NNW	N/K	17-Sep, 02:35
	2-4km SW	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 02:33
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 19:30
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	16-Sep, 19:30
	1-3km E	Recorded	1	Projectile	NNW to SSE	N/K	16-Sep, 19:47
	1-3km E	Recorded	2	Projectile	SSE to NNW	N/K	16-Sep, 19:47
	1-3km E	Recorded	6	Projectile	SSE to NNW	N/K	16-Sep, 19:48
	1-3km E	Recorded	10	Projectile	SSE to NNW	N/K	16-Sep, 19:50
	1-3km E	Recorded	3	Projectile	NNW to SSE	N/K	16-Sep, 19:52
	1-3km E	Recorded	1	Projectile	SSE to NNW	N/K	16-Sep, 22:27
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 22:27
	1-3km E	Recorded	2	Projectile	SSE to NNW	N/K	16-Sep, 22:28
	1-3km NE	Recorded	1	Explosion	Impact	N/K	16-Sep, 22:28
	1-3km E	Recorded	1	Projectile	SSE to NNW	N/K	16-Sep, 22:29
	1-3km E	Recorded	1	Projectile	SSE to NNW	N/K	16-Sep, 22:30
	1-3km ENE	Recorded	1	Projectile	SSE to NNW	N/K	16-Sep, 23:44
	1-3km E	Recorded	1	Projectile	SSE to NNW	N/K	16-Sep, 23:53
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 23:53
1-3km NE	Recorded	2	Projectile	WSW to ENE	N/K	16-Sep, 23:55	
1-3km NE	Recorded	1	Projectile	WNW to ESE	N/K	17-Sep, 00:35	
1-3km NE	Recorded	1	Explosion	Impact	N/K	17-Sep, 01:00	
1-3km NE	Recorded	1	Projectile	S to N	N/K	17-Sep, 01:00	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 20:58
	1-3km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Sep, 00:01
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	5	Projectile	ESE to WNW	N/K	16-Sep, 20:14
	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K	16-Sep, 20:19
	2-4km NNE	Recorded	2	Projectile	ESE to WNW	N/K	16-Sep, 20:20
	2-4km NNE	Recorded	4	Projectile	ESE to WNW	N/K	16-Sep, 20:24
	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K	16-Sep, 20:29
	2-4km NNE	Recorded	2	Projectile	ESE to WNW	N/K	16-Sep, 20:36
	2-4km NNE	Recorded	8	Projectile	ESE to WNW	N/K	16-Sep, 20:46
	2-4km NNE	Recorded	4	Projectile	ESE to WNW	N/K	16-Sep, 20:58
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:58
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	16-Sep, 20:59
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	16-Sep, 20:59
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	16-Sep, 21:02
	2-4km NNE	Recorded	5	Projectile	E to W	N/K	16-Sep, 21:02
	2-4km NNE	Recorded	12	Projectile	W to E	N/K	16-Sep, 21:03
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 21:15
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	16-Sep, 21:15
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 21:16
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	16-Sep, 21:20
	2-4km NNE	Recorded	1	Projectile	SE to NW	N/K	16-Sep, 21:20
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 21:33
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	16-Sep, 21:34
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	16-Sep, 21:37
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	16-Sep, 21:42
	2-4km NNE	Recorded	7	Projectile	ESE to WNW	N/K	16-Sep, 21:45
	2-4km NNE	Recorded	1	Projectile	SE to NW	N/K	16-Sep, 22:08
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 22:24
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 22:25
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 23:41

SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NNE	Recorded	4	Projectile	E to W	N/K	17-Sep, 00:23
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 00:28
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 00:28
	3-5km NE	Recorded	4	Projectile	NW to SE	N/K	17-Sep, 01:19
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:19
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 01:26
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	17-Sep, 01:26
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:27
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	17-Sep, 01:27
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:29
	3-5km NE	Recorded	1	Burst	NW to SE	N/K	17-Sep, 01:29
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Sep, 01:29
	3-5km NE	Recorded	2	Muzzle flash		N/K	17-Sep, 01:30
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	17-Sep, 01:30
	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	17-Sep, 01:33
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:33
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 01:34
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:34
	3-5km NE	Recorded	1	Burst	NW to SE	N/K	17-Sep, 01:34
	3-5km NE	Recorded	2	Projectile	SE to NW	N/K	17-Sep, 01:34
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:36
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 01:36
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 01:37
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	17-Sep, 01:37
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:39
	3-5km NE	Recorded	1	Burst	NW to SE	N/K	17-Sep, 01:39
	3-5km NE	Recorded	4	Projectile	W to E	N/K	17-Sep, 01:40
	3-5km NE	Recorded	3	Explosion	Undetermined	N/K	17-Sep, 01:41
	3-5km NE	Recorded	3	Projectile	W to E	N/K	17-Sep, 01:41
	3-5km NE	Recorded	1	Muzzle flash		N/K	17-Sep, 01:41
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	17-Sep, 01:41
	3-5km NE	Recorded	4	Muzzle flash		N/K	17-Sep, 01:42
	3-5km NE	Recorded	3	Projectile	NW to SE	N/K	17-Sep, 01:42
3-5km NE	Recorded	5	Muzzle flash		N/K	17-Sep, 01:43	
3-5km NE	Recorded	4	Projectile	NW to SE	N/K	17-Sep, 01:43	
3-5km NE	Recorded	3	Projectile	W to E	N/K	17-Sep, 01:43	
SMM camera at entry-exit checkpoint in Pyshechyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	16-Sep, 20:07
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:07
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:14
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 20:16
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	16-Sep, 21:08
	2-4km SSE	Recorded	3	Projectile	NE to SW	N/K	16-Sep, 21:31
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 21:36
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	16-Sep, 22:26
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 23:20	
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-4km NNE	Recorded	1	Projectile	ESE to WNW	N/K	16-Sep, 22:45
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-4km N	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Sep, 05:07
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km ESE	Recorded	1	Burst	WSW to ENE	N/K	16-Sep, 21:41
	2-4km ESE	Recorded	7	Burst	WSW to ENE	N/K	16-Sep, 21:42
	2-4km ESE	Recorded	3	Burst	WSW to ENE	N/K	16-Sep, 21:43
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	16-Sep, 23:55
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	16-Sep, 23:57
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	16-Sep, 23:58

	2-4km ESE	Recorded	5	Projectile	WSW to ENE	N/K	16-Sep, 23:59
	2-4km ESE	Recorded	3	Muzzle flash		N/K	16-Sep, 23:59
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	17-Sep, 00:00
	2-4km ESE	Recorded	12	Projectile	WSW to ENE	N/K	17-Sep, 00:35
	2-4km E	Recorded	1	Projectile	NNE to SSW	N/K	17-Sep, 01:25
	2-4km ESE	Recorded	8	Projectile	WSW to ENE	N/K	17-Sep, 03:44
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	17-Sep, 03:45
1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	6	Shot		Small arms	17-Sep, 10:21
	1-2km N	Heard	1	Shot		Small arms	17-Sep, 10:44
Debaltseve (non-government-controlled, 58km NE of Donetsk)	30-50m W	Heard	17	Shot		Small arms	16-Sep, 22:25-00:18
	5-7km WNW	Heard	4	Explosion	Undetermined	Artillery (type N/K)	16-Sep, 23:50-23:55
Pavlopil (government-controlled, 26km NE of Mariupol)	N/K NE	Heard	2	Shot		Small arms	17-Sep, 12:20-12:25
Horlivka (non-government-controlled, 39km NE of Donetsk)	7-9km NNW	Heard	5	Explosion	Undetermined	N/K	16-Sep, 20:11-20:12
	7-9km NNW	Heard	9	Explosion	Undetermined	N/K	16-Sep, 20:16-20:18
	6-7km NNW	Heard	11	Burst		HMG	16-Sep, 20:19-20:20
	7-9km NNW	Heard	2	Explosion	Undetermined	N/K	16-Sep, 20:22
	2-3km SW	Heard	35	Shot		Small arms	17-Sep, 11:03-11:15
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km SSE	Heard	7	Explosion	Undetermined	N/K	17-Sep, 09:40-09:45
	5-6km ESE	Heard	1	Explosion	Undetermined	N/K	17-Sep, 09:48
SW edge of Vozdvyzhenka (government-controlled, 66km NE of Donetsk)	2km SW	Heard		Burst	Uncountable, overlapping	HMG	17-Sep, 10:45-12:15
	2km SW	Heard		Explosion	Outgoing, uncountable	IFV (BMP-1) cannon (73mm)	17-Sep, 10:45-12:15
NW edge of Kalynove-Borshchuvate (non-government-controlled, 61km west of Luhansk)	2-3km S	Heard	7	Shot	Outgoing (assessed as outside the disengagement area)	HMG	17-Sep, 09:50-09:55
S edge of Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	1-1.5km WSW	Heard	1	Explosion	Outgoing (assessed as outside the disengagement area)	N/A	17-Sep, 10:35
W edge of Zolote-5/Mykhailivka	2-3km N	Heard	1	Explosion	Undetermined (assessed as outside the	Mortar (type N/A)	17-Sep, 11:20

(non-government-controlled, 58km NW of Luhansk)					disengagement area)		
S of the Stanytsia Luhanska bridge (16km north-east of Luhansk)	2-3km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/A	17-Sep, 13:40

## 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).