

**Table of ceasefire violations as of 29 August 2018<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	1-2km SW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:23
	1-2km SW	Recorded	1	Projectile	S to N	N/K	28-Aug, 23:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km SSW	Recorded	2	Projectile	W to E	N/K	28-Aug, 20:17
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:21
	2-3km SSW	Recorded	6	Projectile	W to E	N/K	28-Aug, 20:21
	2-3km SSW	Recorded	3	Projectile	W to E	N/K	28-Aug, 20:22
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:23
	1-2km SSW	Recorded	2	Projectile	In vertical flight	N/K	28-Aug, 20:24
	300-500m SSW	Recorded	1	Projectile	SW to NE	N/K	28-Aug, 20:28
	2-3km SSW	Recorded	8	Projectile	In vertical flight	N/K	28-Aug, 20:30
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:30
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:32
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:34
	2-3km S	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 20:38
	2-3km S	Recorded	1	Projectile	E to W	N/K	28-Aug, 20:38
	2-3km S	Recorded	3	Projectile	W to E	N/K	28-Aug, 20:38
	0.7-1km S	Recorded	1	Illumination flare	In vertical flight	N/K	28-Aug, 20:39
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:41
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:45
	2-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	28-Aug, 20:48
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:48
	1-2km SSW	Recorded	6	Projectile	W to E	N/K	28-Aug, 20:51
	2-3km SSW	Recorded	3	Projectile	W to E	N/K	28-Aug, 21:12
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 22:11
	2-3km SSW	Recorded	7	Projectile	W to E	N/K	28-Aug, 23:11
	1-2km SSW	Recorded	3	Projectile	W to E	N/K	28-Aug, 23:12
	2-3km SSW	Recorded	8	Projectile	E to W	N/K	28-Aug, 23:14
	3-4km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 23:19
	1-2km S	Recorded	4	Projectile	W to E	N/K	28-Aug, 23:24
1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 23:24	
SMM camera 1km SW of Pyschevyk (government-controlled, 25km NE of Mariupol)	1-2km ENE	Recorded	4	Projectile	N to S	N/K	28-Aug, 21:56
	1-2km ENE	Recorded	2	Projectile	N to S	N/K	28-Aug, 21:57
	1-2km E	Recorded	1	Projectile	S to N	N/K	29-Aug, 01:56
	1-2km E	Recorded	1	Muzzle flash		N/K	29-Aug, 01:56
	1-2km E	Recorded	2	Projectile	N to S	N/K	29-Aug, 01:57
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km SSE	Recorded	3	Projectile	NE to SW	N/K	28-Aug, 20:41
	2-3km SSE	Recorded	7	Projectile	NE to SW	N/K	28-Aug, 20:42
	1-2km SE	Recorded	11	Projectile	NE to SW	N/K	29-Aug, 03:53
	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	29-Aug, 04:25
	1-2km SE	Recorded	3	Explosion	Undetermined	N/K	29-Aug, 04:25

<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.

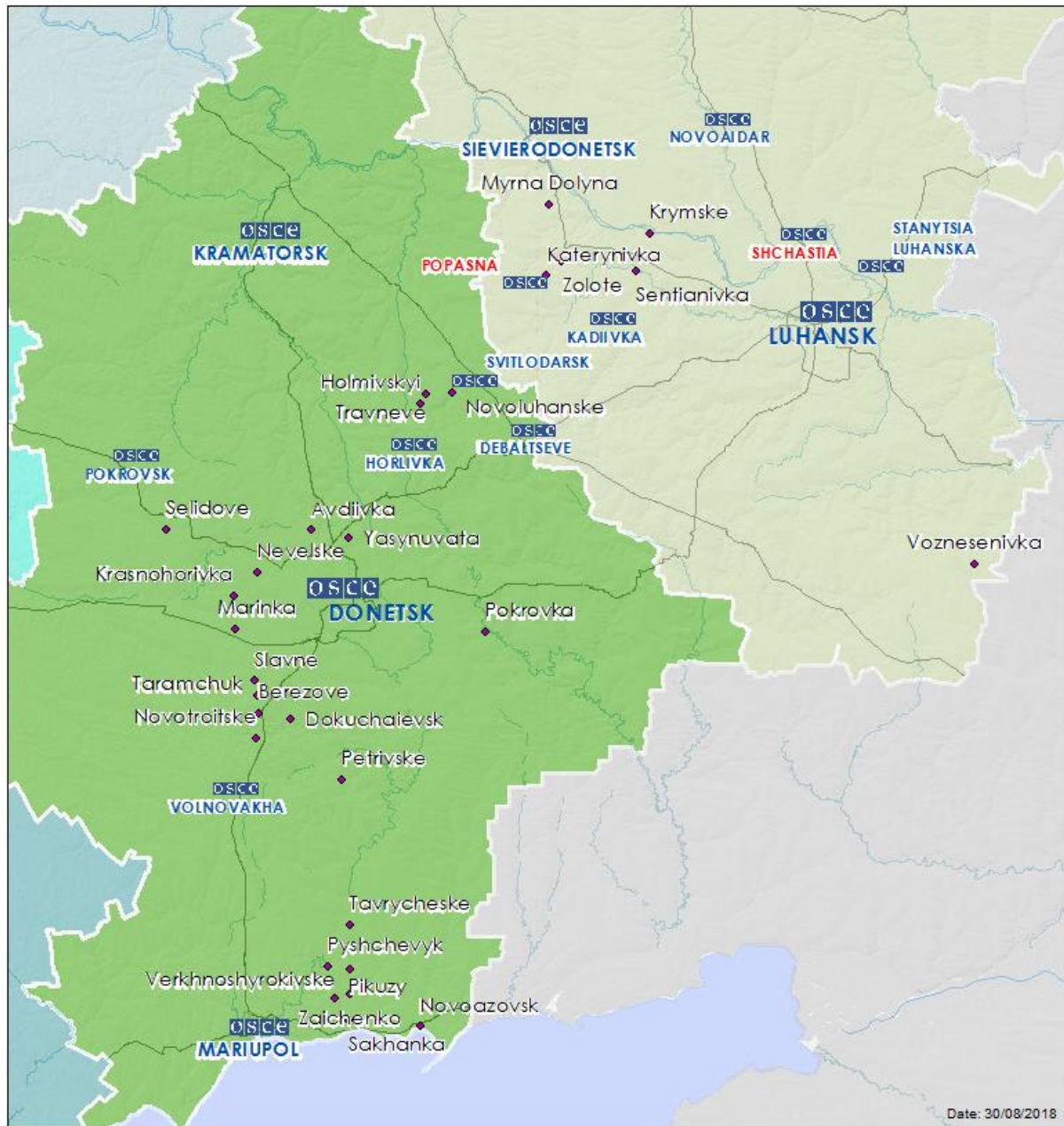
	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	29-Aug, 04:32
	1-2km SE	Recorded	2	Projectile	NE to SW	N/K	29-Aug, 04:33
	1-2km SE	Recorded	1	Explosion	Undetermined	N/K	29-Aug, 04:33
	1-2km SE	Recorded	4	Projectile	NE to SW	N/K	29-Aug, 04:34
	1-2km SE	Recorded	1	Explosion	Undetermined	N/K	29-Aug, 04:34
	1-2km S	Recorded	4	Projectile	SW to NE	N/K	29-Aug, 04:41
	1-2km S	Recorded	4	Projectile	SW to NE	N/K	29-Aug, 04:42
	1-2km SE	Recorded	6	Projectile	NE to SW	N/K	29-Aug, 04:45
	1-2km S	Recorded	9	Projectile	SW to NE	N/K	29-Aug, 04:45
	1-2km SE	Recorded	4	Projectile	NE to SW	N/K	29-Aug, 04:46
	1-2km S	Recorded	4	Projectile	SW to NE	N/K	29-Aug, 04:46
	1-2km S	Recorded	4	Projectile	SW to NE	N/K	29-Aug, 04:47
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	5	Projectile	SE to NW	N/K	28-Aug, 19:57
	2-4km NE	Recorded	10	Projectile	SE to NW	N/K	28-Aug, 19:58
	2-4km NE	Recorded	4	Explosion	Undetermined	N/K	28-Aug, 19:58
	2-4km NE	Recorded	2	Illumination flare	In vertical flight	N/K	28-Aug, 19:59
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 19:59
	2-4km NE	Recorded	14	Projectile	SE to NW	N/K	28-Aug, 20:00
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 20:00
	2-4km ENE	Recorded	1	Projectile	SE to NW	N/K	28-Aug, 20:01
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:01
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:02
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 20:05
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:05
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 20:17
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 20:17
	2-4km NE	Recorded	3	Projectile	NW to SE	N/K	28-Aug, 20:18
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:18
	2-4km NE	Recorded	1	Projectile	NE to SW	N/K	28-Aug, 20:21
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:23
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 20:26
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 20:27
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 20:32
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 20:32
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 20:33
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 20:33
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 20:34
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 20:35
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 20:37
	2-4km NE	Recorded	1	Projectile	NE to SW	N/K	28-Aug, 20:40
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:40
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:42
	2-4km ENE	Recorded	1	Projectile	WSW to ENE	N/K	28-Aug, 20:49
	2-4km ENE	Recorded	2	Projectile	WSW to ENE	N/K	28-Aug, 20:55
	2-4km ENE	Recorded	1	Projectile	WSW to ENE	N/K	28-Aug, 20:57
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:00
	2-4km NE	Recorded	1	Projectile	SE to NW	N/K	28-Aug, 21:01
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 21:01
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:01
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 21:03
	2-4km ENE	Recorded	5	Projectile	SW to NE	N/K	28-Aug, 21:09
	2-4km NE	Recorded	3	Projectile	In vertical flight	N/K	28-Aug, 21:09
2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	28-Aug, 21:09	
2-4km ENE	Recorded	1	Projectile	NE to SW	N/K	28-Aug, 21:10	
2-4km ENE	Recorded	1	Muzzle flash		N/K	28-Aug, 21:10	
2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:10	
2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 21:29	
2-4km NE	Recorded	1	Projectile	NW to SE	N/K	28-Aug, 21:35	

SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ENE	Recorded	1	Muzzle flash		N/K	28-Aug, 21:30	
	1-2km ENE	Recorded	3	Muzzle flash		N/K	28-Aug, 21:35	
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:44	
	1-2km ENE	Recorded	6	Projectile	S to N	N/K	28-Aug, 21:45	
	1-2km ENE	Recorded	1	Muzzle flash		N/K	28-Aug, 21:45	
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:48	
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	28-Aug, 23:15	
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 23:15	
	1-2km E	Recorded	1	Projectile	S to N	N/K	28-Aug, 23:19	
	1-2km E	Recorded	1	Projectile	S to N	N/K	28-Aug, 23:20	
	1-2km E	Recorded	2	Projectile	S to N	N/K	28-Aug, 23:21	
	1-2km E	Recorded	4	Projectile	S to N	N/K	28-Aug, 23:22	
	1-2km E	Recorded	1	Projectile	S to N	N/K	28-Aug, 23:51	
	1-2km E	Recorded	1	Illumination flare	S to N	N/K	28-Aug, 23:51	
	1-2km ENE	Recorded	4	Projectile	N to S	N/K	28-Aug, 23:55	
	1-2km E	Recorded	1	Illumination flare	In vertical flight	N/K	29-Aug, 01:01	
	1-2km E	Recorded	1	Illumination flare	In vertical flight	N/K	29-Aug, 01:02	
	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	29-Aug, 04:02	
	SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:22
	SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km NE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:54
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	16	Projectile	E to W	N/K	28-Aug, 19:58	
	3-5km SSW	Recorded	14	Explosion	Undetermined	N/K	28-Aug, 19:58	
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 20:18	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:19	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:21	
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:23	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:26	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:27	
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:27	
	3-5km S	Recorded	2	Projectile	W to E	N/K	28-Aug, 20:32	
	3-5km S	Recorded	3	Explosion	Undetermined	N/K	28-Aug, 20:32	
	3-5km S	Recorded	1	Muzzle flash		N/K	28-Aug, 20:32	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:33	
	3-5km S	Recorded	3	Explosion	Undetermined	N/K	28-Aug, 20:33	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:34	
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:34	
	3-5km S	Recorded	1	Projectile	In vertical flight	N/K	28-Aug, 20:35	
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:35	
	3-5km SE	Recorded	1	Projectile	In vertical flight	N/K	28-Aug, 20:37	
	3-5km SE	Recorded	4	Explosion	Airburst	N/K	28-Aug, 20:37	
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:37	
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:40	
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:42	
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	28-Aug, 20:49	
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:55	
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:55	
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:55	

	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 20:57
	3-5km SSE	Recorded	7	Projectile	E to W	N/K	28-Aug, 20:57
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 20:57
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	28-Aug, 21:00
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	28-Aug, 21:01
	3-5km S	Recorded	4	Projectile	W to E	N/K	28-Aug, 21:01
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:01
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:01
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	28-Aug, 21:03
	3-5km S	Recorded	2	Projectile	W to E	N/K	28-Aug, 21:09
	3-5km S	Recorded	1	Projectile	E to W	N/K	28-Aug, 21:09
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	28-Aug, 21:10
	3-5km S	Recorded	1	Projectile	W to E	N/K	28-Aug, 21:10
	3-5km SSE	Recorded	17	Projectile	W to E	N/K	28-Aug, 21:26
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	28-Aug, 21:27
	3-5km S	Recorded	6	Projectile	E to W	N/K	28-Aug, 21:28
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Aug, 21:28
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Aug, 21:29
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	28-Aug, 21:35
	3-5km SSE	Recorded	1	Projectile		N/K	28-Aug, 21:37
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Aug, 21:38
3-5km S	Recorded	3	Projectile	E to W	N/K	28-Aug, 21:40	
3-5km S	Recorded	1	Explosion	Undetermined	N/K	28-Aug, 21:51	
3-5km SSE	Recorded	2	Projectile	E to W	N/K	28-Aug, 22:39	
1.1km NW of the railway station in Yasnuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	55	Burst	Assessed as live-fire training	HMG	29-Aug, 09:10-11:35
	2-3km S	Heard	20	Burst		Small arms	29-Aug, 11:13
	2-3km SW	Heard	22	Shot	Assessed as live-fire training	Small arms	29-Aug, 12:20-12:30
	0.5-1km NNW	Heard	9	Shot		Small arms	29-Aug, 14:07-14:25
Entry-exit checkpoint near Novotroitske (government-controlled, 36km SW of Donetsk)	2-3km south	Heard	3	Explosion	Undetermined	N/K	29-Aug, 15:07
	1km SE	Heard and saw	1	Explosion	Impact	Mortar (120mm) round	29-Aug, 17:02
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	2	Explosion	Undetermined	N/K	28-Aug, 22:10
	4km SE	Heard	2	Burst		HMG	28-Aug, 22:10
	7-8km SE	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:28
	7-8km SE	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:45
	7-8km S	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:48
	3-4km SE	Heard	1	Burst		HMG	28-Aug, 22:53
	5-6km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:55
	4-5km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:56
	4-5km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 22:57
	4-5km E	Heard	1	Burst		HMG	28-Aug, 22:58
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:01
	6-7km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:16
	4-5km E	Heard	4	Burst		HMG	28-Aug, 23:19
	3-4km E	Heard	3	Burst		HMG	28-Aug, 23:25
	4-5km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:25
	4-5km E	Heard	2	Explosion	Undetermined	N/K	28-Aug, 23:27
	4-5km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:28
	5-6km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:29
	5-6km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:31
	5-6km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:33

	4-5km SE	Heard	4	Burst		HMG	28-Aug, 23:39
	6-7km E	Heard	3	Explosion	Undetermined	N/K	28-Aug, 23:43-23:46
	6-7km E	Heard	2	Explosion	Undetermined	N/K	28-Aug, 23:50-23:52
	4-5km E	Heard	4	Explosion	Undetermined	N/K	28-Aug, 23:54-23:57
	3-4km E	Heard	1	Explosion	Undetermined	N/K	28-Aug, 23:59
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	29-Aug, 00:02-00:05
	3-4km E	Heard	1	Explosion	Undetermined	N/K	29-Aug, 15:20
	3-4km E	Heard	1	Explosion	Undetermined	N/K	29-Aug, 15:25
	3-4km E	Heard	1	Explosion	Undetermined	N/K	29-Aug, 15:35
	3-4km E	Heard	1	Explosion	Undetermined	N/K	29-Aug, 15:40
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2km SSE	Heard	14	Burst		Small arms	29-Aug, 09:35-09:37
	2km SSW	Heard	10	Burst		Small arms	29-Aug, 09:50-09:55
	3-5km NE	Heard	1	Explosion	Undetermined	N/K	29-Aug, 13:30
3.3km SW of Olenivka (non-government-controlled, 27km SW of Donetsk)							
	2-3km S	Heard	3	Explosion	Undetermined	N/K	29-Aug, 15:07
W edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km SSW	Heard	1	Shot		N/K	29-Aug, 11:36
	1km NW	Heard	1	Shot		Small arms	29-Aug, 12:16
	1km NW	Heard	1	Shot		Small arms	29-Aug, 12:19
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)					Undetermined (assessed as outside the disengagement area)		
	5-7km SW	Heard	1	Explosion		N/K	29-Aug, 00:40
	3-4km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Aug, 02:29

## 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).