

Table of ceasefire violations as of 2 June 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	31-May, 22:30
	2-4km SSE	Recorded	26	Projectile	SW to NE	N/K	31-May, 22:34
	2-4km SSE	Recorded	15	Projectile	SW to NE	N/K	31-May, 22:35
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	31-May, 23:07
	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	31-May, 23:50
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jun, 00:03
SMM camera in Chernalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	31-May, 21:16
	2-4km S	Recorded	1	Projectile	W to E	N/K	31-May, 21:17
	2-4km SSE	Recorded	2	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	31-May, 21:33
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	31-May, 21:33
	2-4km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:33
	2-4km S	Recorded	2	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:34
	2-4km S	Recorded	7	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:35
	2-4km S	Recorded	2	Projectile	WSW to ENE	N/K	31-May, 21:36
	2-4km S	Recorded	1	Burst	WSW to ENE	N/K	31-May, 21:36
	2-4km SSE	Recorded	3	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:37
	2-4km SSE	Recorded	13	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:38
	2-4km S	Recorded	1	Burst	ENE to WSW	N/K	31-May, 21:39
	2-4km SSE	Recorded	11	Projectile	W to E (also recorded by Hnutove camera)	N/K	31-May, 21:40
	2-4km SSE	Recorded	1	Explosion	Impact (also recorded by Hnutove camera)	N/K	31-May, 21:40
	2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	31-May, 21:40
	2-4km S	Recorded	8	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 21:41
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	31-May, 21:41
	2-4km S	Recorded	1	Projectile	SW to NE (also recorded by Hnutove camera)	N/K	31-May, 21:42
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	31-May, 21:43
	3-5km S	Recorded	10	Projectile	ENE to WSW (also recorded by Pyshchevyk camera)	N/K	31-May, 21:43

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.

3-5km S	Recorded	1	Projectile	NW to SE (also recorded by Pyshchevyk camera)	N/K	31-May, 21:44
3-5km S	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:49
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	31-May, 22:12
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	31-May, 22:13
2-4km SE	Recorded	1	Projectile	ENE to WSW (also recorded by Hnutove and Pyshchevyk cameras)	N/K	31-May, 22:13
2-4km SSE	Recorded	9	Projectile	WSW to ENE	N/K	31-May, 22:14
2-4km SSE	Recorded	9	Projectile	WSW to ENE	N/K	31-May, 22:15
2-4km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:15
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	31-May, 22:16
2-4km S	Recorded	1	Projectile	WSW to ENE (also recorded by Pyshchevyk camera)	N/K	31-May, 22:33
2-4km S	Recorded	35	Projectile	ENE to WSW (also recorded by Pyshchevyk camera)	N/K	31-May, 22:36
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-May, 22:53
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-May, 22:57
3-5km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 23:01
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	31-May, 23:06
2-4km SSE	Recorded	1	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	31-May, 23:13
2-4km SSE	Recorded	8	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 23:13
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	31-May, 23:13
2-4km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 23:22
2-4km S	Recorded	3	Burst	WSW to ENE (also recorded by Hnutove camera)	N/K	31-May, 23:27
2-4km SE	Recorded	5	Projectile	NE to SW	N/K	1-Jun, 00:12
2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	1-Jun, 00:32
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	1-Jun, 00:33
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	1-Jun, 00:35
2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 00:43
2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 00:43
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 00:51
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:00
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:00
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:02
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:30
2-4km SE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:30
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:45
2-4km S	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:46
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:46
2-4km SSE	Recorded	2	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 01:47
2-4km SSE	Recorded	2	Explosion	Airburst, subsequent to	N/K	1-Jun, 01:47

				previous event (also recorded by Hnutove camera)			
2-4km SSE	Recorded	4	Burst	WSW to ENE	N/K	1-Jun, 01:48	
2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	1-Jun, 01:48	
2-4km SSE	Recorded	25	Projectile	WSW to ENE	N/K	1-Jun, 01:49	
2-4km SSE	Recorded	6	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:50	
2-4km SSE	Recorded	2	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:50	
2-4km SSE	Recorded	3	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:51	
2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:56	
2-4km S	Recorded	14	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:57	
2-4km S	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 01:57	
6-8km S	Recorded	1	Explosion	Impact, also recorded by Pyshchevyk camera	N/K	1-Jun, 01:58	
2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 01:58	
2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 01:58	
2-4km SE	Recorded	23	Projectile	NNE to SSW	N/K	1-Jun, 02:22	
2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	1-Jun, 02:45	
2-4km S	Recorded	8	Projectile	ENE to WSW (also recorded by Hnutove and Pyshchevyk cameras)	N/K	1-Jun, 02:54	
2-4km S	Recorded	6	Projectile	ENE to WSW	N/K	1-Jun, 02:54	
2-4km S	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove and Pyshchevyk cameras)	N/K	1-Jun, 02:54	
2-4km S	Recorded	7	Projectile	WSW to ENE	N/K	1-Jun, 02:54	
2-4km S	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 02:56	
2-4km S	Recorded	3	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 03:09	
2-4km S	Recorded	3	Projectile	WSW to ENE	N/K	1-Jun, 03:10	
2-4km S	Recorded	4	Projectile	WSW to ENE	N/K	1-Jun, 03:11	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	31-May, 21:05
	2-4km SSW	Recorded	5	Projectile	W to E	N/K	31-May, 21:15
	1-3km S	Recorded	3	Projectile	E to W	N/K	31-May, 21:27
	1-3km S	Recorded	3	Projectile	E to W	N/K	31-May, 21:28
	0.5-1.5km SW	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:32
	0.5-1.5km SW	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:34
	0.5-1.5km SW	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:35
	0.5-1.5km SSW	Recorded	2	Projectile	W to E	N/K	31-May, 21:36
	0.5-1.5km S	Recorded	1	Projectile	E to W	N/K	31-May, 21:36
	0.5-1.5km SW	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:36
	0.5-1.5km SW	Recorded	1	Projectile	NW to SE	N/K	31-May, 21:37
	1-2km SSW	Recorded	2	Projectile	SE to NW	N/K	31-May, 22:25
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	31-May, 23:57
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Jun, 01:01
	0.3-1km SSW	Recorded	1	Projectile	W to E	N/K	1-Jun, 01:42

	0.3-1km SSW	Recorded	1	Projectile	W to E	N/K	1-Jun, 01:48
	0.5-1.5km SSW	Recorded	3	Projectile	NW to SE	N/K	1-Jun, 01:48
	0.5-1.5km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Jun, 01:50
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-May, 20:54
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-May, 20:57
	3-5km ENE	Recorded	2	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	31-May, 21:33
	3-5km ENE	Recorded	1	Projectile	S to N	N/K	31-May, 21:33
	3-5km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:33
	3-5km ENE	Recorded	2	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:34
	3-5km ENE	Recorded	1	Explosion	N to S	N/K	31-May, 21:34
	3-5km ENE	Recorded	7	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:35
	3-5km ENE	Recorded	15	Projectile	N to S	N/K	31-May, 21:36
	3-5km ENE	Recorded		Burst	N to S	N/K	31-May, 21:36
	3-5km ENE	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:37
	3-5km ENE	Recorded	13	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:38
	3-5km ESE	Recorded	2	Burst	N to S	N/K	31-May, 21:39
	3-5km ENE	Recorded	11	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:40
	3-5km ENE	Recorded	2	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	31-May, 21:40
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	31-May, 21:40
	3-5km ENE	Recorded	8	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:41
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	31-May, 21:41
	3-5km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 21:42
	3-5km ESE	Recorded	17	Projectile	N to S	N/K	31-May, 21:43
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-May, 21:43
	3-5km ESE	Recorded	3	Explosion	Undetermined	N/K	31-May, 21:48
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-May, 21:56
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:01
	3-5km E	Recorded	5	Projectile	SW to NE	N/K	31-May, 22:01
	3-5km ESE	Recorded	2	Projectile	S to N	N/K	31-May, 22:12
	3-5km ESE	Recorded	3	Explosion	Airburst, subsequent to previous event	N/K	31-May, 22:12
3-5km ENE	Recorded	7	Projectile	SSW to NNE	N/K	31-May, 22:13	
3-5km ENE	Recorded	1	Explosion	Also recorded by	N/K	31-May, 22:13	

				Chermalyk camera		
3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:13
3-5km ENE	Recorded	8	Projectile	N to S	N/K	31-May, 22:14
3-5km ENE	Recorded	10	Projectile	N to S	N/K	31-May, 22:15
3-5km ESE	Recorded	2	Burst	N to S	N/K	31-May, 22:36
3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:57
3-5km E	Recorded	2	Projectile	S to N	N/K	31-May, 23:06
3-5km E	Recorded	2	Explosion	Airburst, subsequent to previous event	N/K	31-May, 23:06
3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-May, 23:07
3-5km ENE	Recorded	1	Projectile	S to N (also recorded by Chermalyk camera)	N/K	31-May, 23:13
3-5km ENE	Recorded	8	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 23:13
3-5km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	31-May, 23:22
3-5km E	Recorded	3	Burst	S to N (also recorded by Chermalyk camera)	N/K	31-May, 23:27
3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	1-Jun, 00:28
2-4km ESE	Recorded		Explosion	Undetermined	N/K	1-Jun, 00:28
3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 00:29
3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	1-Jun, 00:30
3-5km E	Recorded	1	Projectile	S to N	N/K	1-Jun, 00:41
3-5km E	Recorded	1	Projectile	S to N (also recorded by Chermalyk camera)	N/K	1-Jun, 01:46
3-5km E	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:46
3-5km ENE	Recorded	2	Projectile	S to N (also recorded by Chermalyk camera)	N/K	1-Jun, 01:47
3-5km ENE	Recorded	2	Explosion	Airburst, subsequent to previous event (also recorded by Chermalyk camera)	N/K	1-Jun, 01:47
3-5km E	Recorded	2	Projectile	N to S	N/K	1-Jun, 01:48
3-5km ENE	Recorded	6	Projectile	N to S	N/K	1-Jun, 01:48
3-5km ENE	Recorded	12	Projectile	N to S	N/K	1-Jun, 01:49
3-5km ENE	Recorded	6	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 01:50
3-5km ENE	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 01:51
3-5km ENE	Recorded	1	Projectile	N to S	N/K	1-Jun, 01:51
3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	1-Jun, 01:52
1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:53
1-3km ESE	Recorded	3	Explosion	Undetermined	N/K	1-Jun, 01:55
3-5km ESE	Recorded	8	Explosion	Undetermined	N/K	1-Jun, 01:56
3-5km ESE	Recorded	14	Projectile	N to S (also	N/K	1-Jun, 01:57

					recorded by Chermalyk and Pyshchevyk cameras)		
	3-5km ESE	Recorded	4	Explosion	Undetermined	N/K	1-Jun, 02:00
	3-5km E	Recorded	2	Projectile	S to N	N/K	1-Jun, 02:36
	3-5km E	Recorded	8	Projectile	N to S (also recorded by Chermalyk and Pyshchevyk cameras)	N/K	1-Jun, 02:54
	3-5km E	Recorded	4	Projectile	N to S	N/K	1-Jun, 02:54
	3-5km E	Recorded	1	Projectile	S to N	N/K	1-Jun, 02:54
	3-5km E	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 02:56
	3-5km E	Recorded	3	Projectile	S to N	N/K	1-Jun, 02:58
	1-3km ESE	Recorded	2	Explosion	Undetermined	N/K	1-Jun, 02:58
	1-3km E	Recorded	1	Projectile	W to E	N/K	1-Jun, 02:58
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 03:02
	3-5km E	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 03:09
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 03:09
	3-5km E	Recorded	3	Projectile	N to S	N/K	1-Jun, 03:10
	3-5km E	Recorded	4	Projectile	N to S	N/K	1-Jun, 03:11
	3-5km E	Recorded	4	Projectile	S to N	N/K	1-Jun, 03:14
	3-5km E	Recorded	3	Projectile	S to N	N/K	1-Jun, 03:16
	3-5km E	Recorded	2	Projectile	S to N	N/K	1-Jun, 03:19
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	31-May, 23:16
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-5km NE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 01:46
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	31-May, 21:34
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:12
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:13
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km NE	Recorded	3	Explosion	Undetermined	N/K	31-May, 23:06
	1-3km ENE	Recorded	1	Projectile	NNW to SSE	N/K	31-May, 23:22
	1-2km ENE	Recorded	9	Projectile	NNW to SSE	N/K	1-Jun, 00:25
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	1-2km ENE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 00:25
	2-5km S	Recorded	1	Projectile	W to E	N/K	31-May, 21:22
	2-5km SSE	Recorded	10	Projectile	E to W (also recorded by Chermalyk camera)	N/K	31-May, 21:43
	2-5km S	Recorded	1	Projectile	W to E (also recorded by Chermalyk camera)	N/K	31-May, 21:44
	2-5km S	Recorded	6	Projectile	W to E	N/K	31-May, 21:50
	2-5km SSE	Recorded	8	Projectile	E to W	N/K	31-May, 21:52
	2-5km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:08
	2-5km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:31
	2-5km S	Recorded	1	Projectile	W to E (also	N/K	31-May, 22:33

					recorded by Hnutove and Chermalyk cameras)		
	2-5km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 22:33
	2-5km SSE	Recorded	35	Projectile	E to W (also recorded by Chermalyk camera)	N/K	31-May, 22:36
	2-4km S	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	31-May, 23:01
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	31-May, 23:01
	2-4km SSE	Recorded	9	Projectile	W to E	N/K	31-May, 23:27
	2-4km S	Recorded	1	Projectile	In vertical flight	N/K	1-Jun, 00:38
	2-4km SSE	Recorded	13	Projectile	W to E	N/K	1-Jun, 01:57
	2-4km SSE	Recorded	4	Burst	W to E	N/K	1-Jun, 01:57
	2-4km SE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 01:58
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 02:00
	2-4km SSE	Recorded	8	Projectile	E to W (also recorded by Hnutove and Chermalyk cameras)	N/K	1-Jun, 02:54
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	1-Jun, 02:54
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 02:54
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 03:07
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 03:09
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	3km NNW	Heard and saw	1	Explosion	Impact	N/K	1-Jun, 09:51
	2km NW	Heard	10	Burst		HMG	1-Jun, 10:00
	1.5-2km NW	Heard	10	Burst		Small arms	1-Jun, 10:00
About 1.5km S of Vesele (non-government-controlled, 9km NW of Donetsk)	2-3km W	Heard	11	Explosion	Undetermined	N/K	1-Jun, 11:05-11:10
	1-2km W	Heard	3	Burst		HMG	1-Jun, 11:21
	1.5-2km W	Heard	19	Explosion	Undetermined	N/K	1-Jun, 11:22-11:31
	1.5-2km W	Heard	26	Burst		HMG	1-Jun, 11:22-11:31
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	3	Burst		Small arms	1-Jun, 09:35
	1-2km ESE	Heard	13	Burst		Small arms	1-Jun, 09:45-10:15
	1-2km ESE	Heard	8	Burst		Small arms	1-Jun, 10:35-10:50
	1-2km ESE	Heard	5	Burst		Small arms	1-Jun, 11:00-11:50
	1-2km ESE	Heard	16	Shot		Small arms	1-Jun, 11:00-11:50
About 1km NW of Yasynuvata railway station (non-government-controlled, 16km NE of Donetsk)	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	1-Jun, 09:50
	3-4km NNW	Heard	5	Explosion	Undetermined	N/K	1-Jun, 10:07-10:09
About 2km N of Petrivske (non-	1km SW	Heard and saw	1	Explosion	Impact (assessed as outside the	N/K	1-Jun, 12:16

government-controlled, 41km S of Donetsk)					disengagement area)		
SE edge of Pervomaiske (government-controlled, 17km NW of Donetsk)	2-3km SE	Heard	3	Explosion	Undetermined	N/K	1-Jun, 11:48
	2-3km SE	Heard	9	Shot		Small arms	1-Jun, 11:48
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	4	Burst		HMG	31-May, 20:10
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	31-May, 20:10
	5-6km NNE	Heard	10	Burst		HMG	31-May, 21:00
	4-5km SE	Heard	5	Burst		HMG	31-May, 21:38
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	31-May, 22:30
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	31-May, 23:34
	4-5km SW	Heard	3	Explosion	Undetermined	N/K	31-May, 23:38
	4-5km SW	Heard	3	Explosion	Undetermined	N/K	31-May, 23:42
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	1-Jun, 07:58
Horlivka (non-government-controlled, 39km NE of Donetsk)	6-7km NW	Heard	4	Explosion	Undetermined	N/K	31-May, 21:40-21:45
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km E	Heard	8	Shot		Small arms	1-Jun, 09:11
	2-4km E	Heard	11	Shot		Small arms	1-Jun, 09:18
	2-4km E	Heard	11	Shot		Small arms	1-Jun, 09:25
SW edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	4-5km SW	Heard	2	Explosion	Undetermined	N/K	1-Jun, 10:20
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	1-Jun, 11:59
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Heard	16	Burst		HMG	31-May, 20:47-21:20
	3-5km SSE	Heard	6	Shot		Mortar (82mm)	31-May, 20:47-21:20
S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km NW	Heard	11	Burst		N/K	1-Jun, 10:53-11:05
Nyzhnoteple (government-controlled, 26km N of Luhansk)	1.5-2km SSE	Heard	23	Explosion	Outgoing	N/K	1-Jun, 12:00-12:08
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jun, 21:56
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jun, 22:04
	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	1-Jun, 22:18
	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Jun, 00:01
SMM camera in Chermalyk (government-controlled, 31km NE of	3-5km SSE	Recorded	1	Explosion	In vertical flight	N/K	1-Jun, 21:03
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 21:13
	3-5km SSE	Recorded	1	Burst	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 21:31

Mariupol)	3-5km SSE	Recorded	1	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	1-Jun, 21:34
	3-5km SSE	Recorded	1	Projectile	W to E (also recorded by Hnutove camera)	N/K	1-Jun, 21:36
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 21:36
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	1-Jun, 21:36
	2-4km SSE	Recorded	2	Explosion		N/K	1-Jun, 21:36
	2-4km SSE	Recorded	1	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	1-Jun, 21:38
	2-4km SSE	Recorded	1	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	1-Jun, 21:51
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	1-Jun, 21:57
	2-4km SSE	Recorded	1	Explosion	Impact(also recorded by Hnutove camera)	N/K	1-Jun, 21:57
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	1-Jun, 21:57
	3-5km SSE	Recorded	1	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 21:58
	3-5km SE	Recorded	7	Projectile	NE to SW	N/K	1-Jun, 22:00
	3-5km SE	Recorded	4	Projectile	NE to SW	N/K	1-Jun, 22:01
	3-5km SE	Recorded	7	Projectile	NE to SW	N/K	1-Jun, 22:02
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 22:02
	3-5km SE	Recorded	5	Projectile	NE to SW	N/K	1-Jun, 22:03
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 22:03
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 22:21
	3-5km SE	Recorded	1	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	1-Jun, 22:30
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 22:35
	3-5km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 22:36
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 22:37
	3-5km S	Recorded	3	Projectile	WSW to ENE	N/K	1-Jun, 22:45
	3-5km S	Recorded	19	Projectile	WSW to ENE	N/K	1-Jun, 22:46
	3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	1-Jun, 22:50
	3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	1-Jun, 22:53
	3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	1-Jun, 22:55
	3-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	1-Jun, 22:55
	3-5km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 22:56
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 22:56
	3-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	1-Jun, 22:58
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 22:59
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 22:58
	3-5km SSE	Recorded	6	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 23:02
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 23:03
	2-4km SSE	Recorded	2	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 23:11
	3-5km SSE	Recorded	1	Explosion	Also recorded by Hnutove camera	N/K	1-Jun, 23:19
	3-5km SSE	Recorded	3	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 23:19
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	1-Jun, 23:20
	3-5km SSE	Recorded	1	Explosion		N/K	1-Jun, 23:21

2-4km SSE	Recorded	4	Projectile	WNW to ESE	N/K	1-Jun, 23:26
2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	1-Jun, 23:28
3-5km SSE	Recorded	1	Explosion	Also recorded by Hnutove camera	N/K	1-Jun, 23:31
3-5km SSE	Recorded	5	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 23:32
3-5km SSE	Recorded	1	Explosion	Also recorded by Hnutove camera	N/K	1-Jun, 23:32
3-5km SSE	Recorded	4	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 23:33
3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	1-Jun, 23:34
3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 23:35
3-5km SSE	Recorded	2	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 23:36
3-5km SSE	Recorded	7	Projectile	WSW to ENE	N/K	1-Jun, 23:38
3-5km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	1-Jun, 23:38
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Jun, 23:42
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	1-Jun, 23:43
2-4km SSE	Recorded	1	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	1-Jun, 23:45
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	1-Jun, 23:45
2-4km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	1-Jun, 23:47
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	1-Jun, 23:51
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-Jun, 23:53
2-4km S	Recorded	3	Projectile	WSW to ENE	N/K	1-Jun, 23:54
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	2-Jun, 00:02
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 00:08
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 00:23
3-5km SSE	Recorded	4	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 00:24
2-4km SSE	Recorded	19	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 00:27
2-4km SSE	Recorded	1	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	2-Jun, 00:27
2-4km SSE	Recorded	1	Explosion	SSE to NNW (airburst, subsequent to previous event, also recorded by Hnutove camera)	N/K	2-Jun, 00:27
2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	2-Jun, 00:28
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	2-Jun, 00:28
2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	2-Jun, 00:29
3-5km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 00:31
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	2-Jun, 00:35
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	2-Jun, 00:41

				(also recorded by Hnutove camera)			
1.5-3km S	Recorded	24	Projectile	WNW to ESE	N/K	2-Jun, 01:03	
2-4km SE	Recorded	2	Explosion	Undetermined	N/K	2-Jun, 01:04	
2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	2-Jun, 01:04	
3-5km SSE	Recorded	2	Burst	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 01:06	
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Jun, 01:20	
3-5km SSE	Recorded	4	Projectile	NE to SW (also recorded by Hnutove camera)	N/K	2-Jun, 01:21	
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Jun, 01:27	
2-4km SSE	Recorded	2	Burst	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 01:34	
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	2-Jun, 01:40	
3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	2-Jun, 01:45	
3-5km SSE	Recorded	7	Projectile	ENE to WSW	N/K	2-Jun, 01:45	
3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	2-Jun, 01:51	
3-5km SSE	Recorded	1	Explosion	Impact	N/K	2-Jun, 01:51	
4-6km S	Recorded	1	Explosion	Undetermined (also recorded by Pyshecheyk camera)	N/K	2-Jun, 01:54	
2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	2-Jun, 02:19	
2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	2-Jun, 02:20	
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 02:25	
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Jun, 02:27	
2-4km SSE	Recorded	3	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 02:30	
2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	2-Jun, 02:35	
2-4km SSE	Recorded	3	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	2-Jun, 02:36	
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	2-Jun, 02:49	
2-4km S	Recorded	2	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 03:05	
2-4km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	2-Jun, 03:18	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.7-2km S	Recorded	2	Projectile	W to E	N/K	1-Jun, 21:45
	0.7-2km S	Recorded	1	Projectile	W to E	N/K	1-Jun, 21:48
	0.7-2km S	Recorded	1	Projectile	W to E	N/K	1-Jun, 21:49
	1.5-2km SW	Recorded	1	Projectile		N/K	1-Jun, 22:02
	1.5-2km SW	Recorded	4	Projectile	NW to SE	N/K	1-Jun, 22:03
	1-2km SW	Recorded	1	Illumination flare	WNW to ESE	N/K	1-Jun, 23:08
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Burst	NE to SW (also recorded by Chermalyk camera)	N/K	1-Jun, 21:31
	3-5km ENE	Recorded	1	Projectile	NE to SW (also recorded by Chermalyk camera)	N/K	1-Jun, 21:34
	3-5km ENE	Recorded	1	Projectile	NE to SW (also recorded by Chermalyk camera)	N/K	1-Jun, 21:36
	3-5km ENE	Recorded	1	Projectile	NNW to SSE	N/K	1-Jun, 21:38

				(also recorded by Chermalyk camera)		
3-5km ENE	Recorded	1	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	1-Jun, 21:51
3-5km E	Recorded	1	Explosion	Also recorded by Chermalyk camera	N/K	1-Jun, 21:57
3-5km E	Recorded	1	Explosion		N/K	1-Jun, 21:57
3-5km E	Recorded	1	Projectile	S to N (also recorded by Chermalyk camera)	N/K	1-Jun, 21:58
3-5km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 22:30
3-5km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 22:36
2-4km ENE	Recorded	1	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 22:56
2-4km ENE	Recorded	3	Projectile	N to S	N/K	1-Jun, 22:58
2-4km ENE	Recorded	6	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 23:02
3-5km E	Recorded	2	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 23:11
3-5km E	Recorded	4	Projectile	NNW to SSE	N/K	1-Jun, 23:15
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 23:19
3-5km E	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	1-Jun, 23:19
3-5km ENE	Recorded	1	Projectile	N to S	N/K	1-Jun, 23:26
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 23:31
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 23:32
3-5km ENE	Recorded	5	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	1-Jun, 23:32
3-5km ENE	Recorded	4	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	1-Jun, 23:33
3-5km ENE	Recorded	1	Projectile	NNW to SSE	N/K	1-Jun, 23:34
3-5km E	Recorded	2	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	1-Jun, 23:36

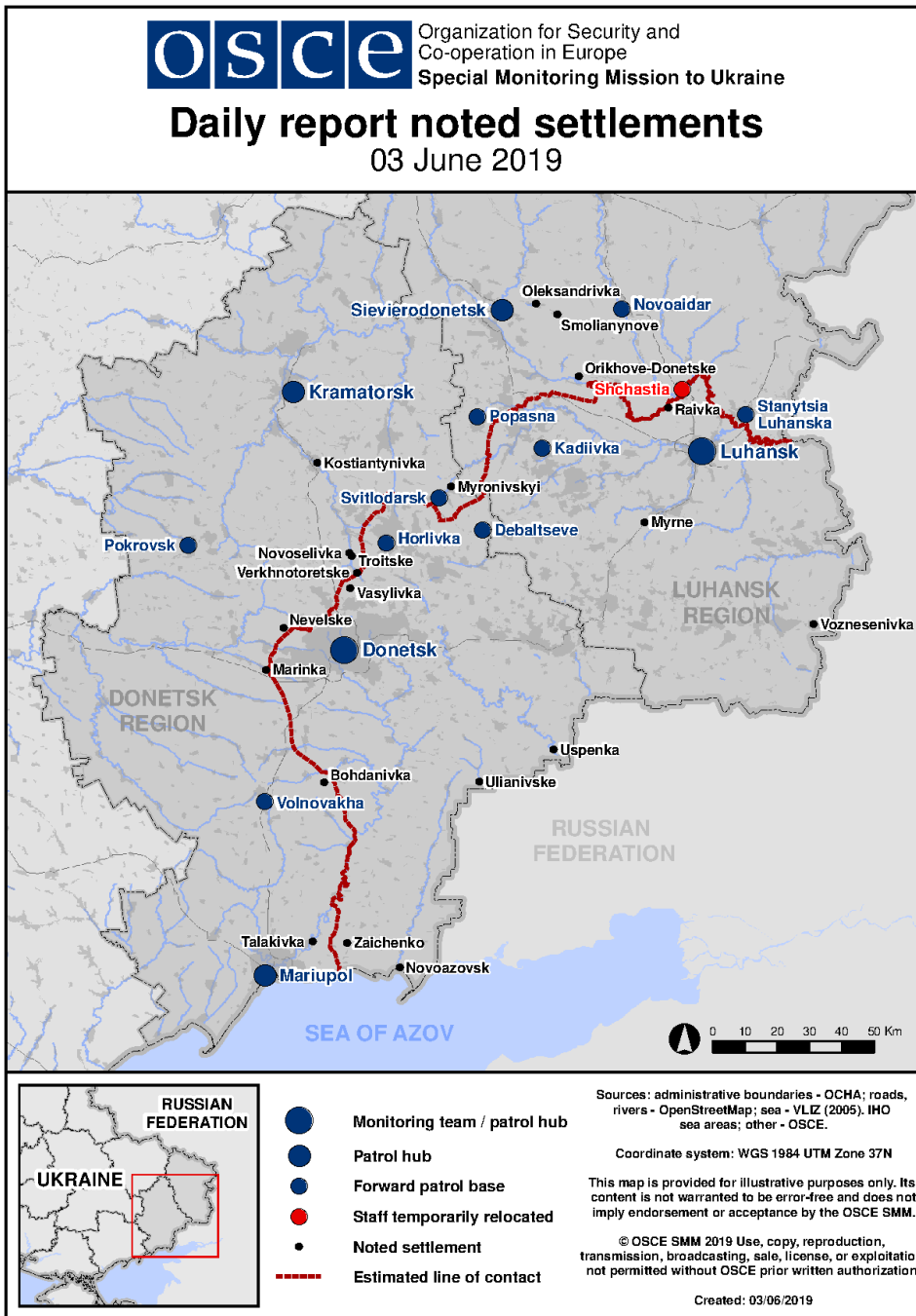
				camera)		
2-4km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 23:38
3-5km E	Recorded	1	Projectile	S to N (also recorded by Chermalyk camera)	N/K	1-Jun, 23:45
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	1-Jun, 23:45
3-5km ENE	Recorded	1	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	1-Jun, 23:47
2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	1-Jun, 23:54
3-5km E	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 00:08
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 00:23
3-5km ENE	Recorded	4	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	2-Jun, 00:24
3-5km ENE	Recorded	19	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	2-Jun, 00:27
3-5km ENE	Recorded	1	Projectile	WNW to ESE (also recorded by Chermalyk camera)	N/K	2-Jun, 00:27
3-5km ENE	Recorded	2	Explosion	Airburst, subsequent to previous event (also recorded by Chermalyk camera)	N/K	2-Jun, 00:27
3-5km ENE	Recorded	2	Projectile	NW to SE	N/K	2-Jun, 00:28
3-5km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 00:31
3-5km ENE	Recorded	2	Projectile	NNW to SSE (also recorded by Chermalyk camera)	N/K	2-Jun, 00:41
3-5km ENE	Recorded	2	Burst	N to S (, also recorded by Chermalyk camera)	N/K	2-Jun, 01:06
3-5km E	Recorded	4	Projectile	In vertical flight (also recorded by Chermalyk camera)	N/K	2-Jun, 01:21
3-5km E	Recorded	2	Burst	N to S (, also recorded by Chermalyk camera)	N/K	2-Jun, 01:34
3-5km E	Recorded	9	Projectile	In vertical flight (N/K	2-Jun, 01:45

					also recorded by Pyshecheyk camera)		
	2-4km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 02:25
	2-4km ENE	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	2-Jun, 02:30
	2-4km ENE	Recorded	3	Projectile	N to S (also recorded by Chermalyk camera)	N/K	2-Jun, 02:36
	2-4km ESE	Recorded	2	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 03:05
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	2-Jun, 03:11
	2-4km ESE	Recorded	3	Explosion	Undetermined	N/K	2-Jun, 03:14
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	2-Jun, 03:15
	2-4km ENE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 03:18
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	2-Jun, 03:22
	2-4km E	Recorded	3	Explosion	Undetermined	N/K	2-Jun, 03:23
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	2-Jun, 03:25
	2-5km ESE	Recorded	2	Projectile	N to S	N/K	1-Jun, 22:01
	2-5km ESE	Recorded	7	Projectile	N to S	N/K	1-Jun, 22:02
	2-5km SE	Recorded	13	Projectile	NNW to SSE (also recorded by Berezove camera)	N/K	1-Jun, 22:02
	2-5km SE	Recorded	12	Projectile	NNW to SSE	N/K	1-Jun, 22:02
	2-5km SE	Recorded	3	Projectile	NE to SW	N/K	1-Jun, 22:03
	2-5km SE	Recorded	7	Projectile	NE to SW	N/K	1-Jun, 22:04
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	2-Jun, 02:18
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)							
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk and Hnutove cameras)	N/K	1-Jun, 21:57
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	1-Jun, 23:28
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	2-Jun, 00:27
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	8	Projectile	NW to SE	N/K	1-Jun, 23:10
	2-4km ENE	Recorded	3	Projectile	NW to SE	N/K	1-Jun, 23:15
	2-4km ENE	Recorded	9	Projectile	NW to SE	N/K	1-Jun, 23:16
	2-4km ENE	Recorded	3	Projectile	ENE to WSW	N/K	1-Jun, 23:22
	2-4km ENE	Recorded	1	Burst	ENE to WSW	N/K	1-Jun, 23:23
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	2-Jun, 00:20
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	2	Projectile	ESE to WNW	N/K	1-Jun, 22:12
SMM camera at entry-exit checkpoint in Pyshecheyk (government-	3-5km SSE	Recorded	4	Projectile	E to W	N/K	1-Jun, 23:13
	3-5km SSE	Recorded	1	Burst	E to W	N/K	1-Jun, 23:14
	3-5km SSE	Recorded	8	Projectile	E to W	N/K	1-Jun, 23:15
	3-5km S	Recorded	6	Projectile	E to W	N/K	2-Jun, 01:15
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	2-Jun, 01:21

controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	9	Projectile	E to W (in vertical flight, also recorded by Hnutove camera)	N/K	2-Jun, 01:45	
	3-5km SSE	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	2-Jun, 01:54	
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	2-Jun, 09:15-09:17	
	3-5km SW	Heard	1	Explosion	Impact	N/K	2-Jun, 09:15-09:17	
	3-5km SW	Heard	5	Burst		HMG	2-Jun, 09:18	
	7-8km SW	Heard	1	Explosion	Undetermined	N/K	2-Jun, 09:41	
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	2-Jun, 12:14	
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	2-Jun, 13:13	
	2-3km SW	Heard	6	Shot		Small arms	2-Jun, 14:00-14:06	
	2-3km SW	Heard	4	Burst		Small arms	2-Jun, 14:00-14:06	
	3-5km SW	Heard	10	Burst		HMG	2-Jun, 14:20	
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	2-Jun, 14:20	
	3-4km S	Heard	4	Explosion	Undetermined	N/K	2-Jun, 10:30	
	3-4km S	Heard	13	Shot		HMG	2-Jun, 10:30	
	3-4km S	Heard	12	Shot		HMG	2-Jun, 10:35	
	3-4km S	Heard	2	Explosion	Undetermined	N/K	2-Jun, 10:40	
	4-5km S	Heard	1	Explosion	Undetermined	N/K	2-Jun, 10:46	
About 900m E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-4km S	Heard	2	Explosion	Undetermined	N/K	2-Jun, 10:56	
	5-7km SW	Heard	1	Burst		HMG	2-Jun, 10:35	
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	2-Jun, 10:42	
5-7km SW	Heard	1	Explosion	Undetermined	N/K	2-Jun, 10:56		
	Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2-3km E	Heard	3	Burst		HMG	2-Jun, 11:00
		2-4km NW	Heard	2	Explosion	Undetermined	N/K	2-Jun, 11:10
		2-4km NW	Heard	1	Explosion	Undetermined	N/K	2-Jun, 11:20
2-4km SW		Heard	1	Explosion	Undetermined	N/K	2-Jun, 12:11	
Pikuzy (non-government-controlled, 23km NE of Mariupol)	500m W	Heard	2	Shot		N/K	2-Jun, 12:51	
Sakhanka (non-government controlled, 24km NE of Mariupol)	3-5km NW	Heard	3	Explosion		N/K	2-Jun, 11:07-11:12	
	3-4km NW	Heard and saw	7	Explosion	Impact (black smoke was spotted)	N/K	2-Jun, 11:18-11:26	
	3-4km NW	Heard	Uncountable	Burst		Small arms	2-Jun, 11:18-11:26	
	3-4km NW	Heard	Uncountable	Burst		HMG	2-Jun, 11:18-11:26	
About 2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	2-4km NNE	Heard and saw	1	Explosion	Impact (white smoke was spotted)	N/K	2-Jun, 10:49	
	2-4km NW	Heard and saw	3	Explosion	Impact (black smoke was spotted)	N/K	2-Jun, 11:18	
Svitlodarsk (government-	4-6km SSE	Heard	15	Burst		HMG	1-Jun, 21:58-22:02	

controlled, 57km NE of Donetsk)	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 21:58-22:02
	4-6km SSE	Heard	15	Burst		HMG	1-Jun, 22:05-22:07
	4-6km SSE	Heard	10	Explosion	Undetermined	N/K	1-Jun, 22:05-22:07
	4-6km SSE	Heard	15	Burst		HMG	1-Jun, 22:10-22:14
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 22:10-22:14
	4-6km SSE	Heard	17	Burst		HMG	1-Jun, 22:16-22:18
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 22:16-22:18
	4-6km SSE	Heard	15	Burst		HMG	1-Jun, 22:20-22:22
	4-6km SSE	Heard	5	Explosion	Undetermined	N/K	1-Jun, 22:20-22:22
	4-6km SSE	Heard	10	Burst		HMG	1-Jun, 22:26-22:28
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 22:26-22:28
	4-6km SSE	Heard	7	Burst		HMG	1-Jun, 22:34
	4-6km SSE	Heard	2	Explosion	Undetermined	N/K	1-Jun, 22:34
	4-6km SSE	Heard	7	Burst		HMG	1-Jun, 22:39
	4-6km SSE	Heard	2	Explosion	Undetermined	N/K	1-Jun, 22:39
	4-6km SSE	Heard	2	Explosion	Undetermined	N/K	1-Jun, 22:51
	4-6km SE	Heard	25	Burst		HMG	1-Jun, 22:52
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	1-Jun, 22:52
	5-6km SE	Heard	3	Burst		HMG	1-Jun, 22:54
	5-6km SE	Heard	2	Explosion	Undetermined	N/K	1-Jun, 22:54
	5-7km SSE	Heard	3	Burst		HMG	1-Jun, 22:56
	5-7km SSE	Heard	3	Explosion	Undetermined	N/K	1-Jun, 22:56
	5-7km SSE	Heard	4	Burst		HMG	1-Jun, 22:57
	5-7km SSE	Heard	15	Burst		HMG	1-Jun, 23:00
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 23:00
	4-6km SSE	Heard	15	Burst		HMG	1-Jun, 23:02
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	1-Jun, 23:02
	4-6km SSE	Heard	17	Burst		HMG	1-Jun, 23:04
	4-6km SSE	Heard	3	Explosion	Undetermined	N/K	1-Jun, 23:04
	5-7km SSE	Heard	12	Explosion	Undetermined	N/K	1-Jun, 23:07
	4-5km SSE	Heard	8	Explosion	Undetermined	N/K	1-Jun, 23:45-23:59
	4-5km SSE	Heard	15	Shot		30mm cannon	1-Jun, 23:45-23:55
4-5km SSE	Heard	10	Burst		N/K	1-Jun, 23:50-23:59	
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km NW	Heard	68	Burst		HMG	2-Jun, 01:37-01:45
	4-5km NW	Heard	23	Explosion	Undetermined	N/K	2-Jun, 01:38-01:44
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km E	Heard	1	Explosion	Undetermined	N/K	2-Jun, 09:11

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).