SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Projectile	N to S	N/K	10-Jul, 23:00
SMM camera in Berezove (government- controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	10-Jul, 21:50
SMM camera at	0.5-1km S	Recorded	2	Projectile	W to E	N/K	10-Jul, 21:25
Donetsk Filtration	0.5-1km S	Recorded	10	Projectile	W to E	N/K	10-Jul, 21:26
Station (15km N of	0.5-1km S	Recorded	7	Projectile	W to E	N/K	10-Jul, 21:27
Donetsk)	0.5-1km S	Recorded	4	Projectile	W to E	N/K	10-Jul, 21:32
	0.5-1km S	Recorded	5	Projectile	W to E	N/K	10-Jul, 21:33
SMM camera	3-5km ESE	Recorded	5	Projectile	SSW to NNE	N/K	10-Jul, 22:47
1.5km NE of	3-5km ESE	Recorded	1	Muzzle flash		N/K	10-Jul, 23:15
Hnutove	3-5km SE	Recorded	2	Projectile	SSW to NNE	N/K	10-Jul, 23:43
(government-	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	10-Jul, 23:59
controlled, 90km S	3-5km SE	Recorded	1	Muzzle flash		N/K	10-Jul, 23:59
of Donetsk)	3-5km SE	Recorded	1	Muzzle flash		N/K	11-Jul, 00:14
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Jul, 00:14
	3-5km SE	Recorded	2	Muzzle flash		N/K	11-Jul, 00:16
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	11-Jul, 01:00
	3-5km SE	Recorded	10	Projectile	NNE to SSW	N/K	11-Jul, 01:32
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	11-Jul, 01:36
	3-5km SE	Recorded	5	Projectile	NNE to SSW	N/K	11-Jul, 01:37
	3-5km SE	Recorded	3	Projectile	NNE to SSW	N/K	11-Jul, 01:38
	3-5km SE	Recorded	20	Projectile	NNE to SSW	N/K	11-Jul, 02:03
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	11-Jul, 02:04
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Jul, 02:27
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Jul, 02:27
	3-5km SE	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	11-Jul, 02:27
SMM camera at	2-4km ESE	Recorded	5	Projectile	S to N	N/K	10-Jul, 21:40
entry-exit	2-4km ESE	Recorded	4	Projectile	S to N	N/K	10-Jul, 21:43
checkpoint in	2-4km ESE	Recorded	3	Projectile	S to N	N/K	10-Jul, 21:44
Hnutove (government-	2-4km ESE	Recorded	1	Muzzle flash		N/K	10-Jul, 21:44
controlled, 84km S	2-4km ESE	Recorded	1	Muzzle flash		N/K	10-Jul, 22:05
of Donetsk)	2-4km ESE	Recorded	1	Projectile	S to N (subsequent to previous event)	N/K	10-Jul, 22:17
	2-4km ESE	Recorded	1	Muzzle flash		N/K	10-Jul, 22:17
	2-4km ESE	Recorded	6	Projectile	S to N	N/K	10-Jul, 22:18
	2-4km E	Recorded	1	Muzzle flash		N/K	10-Jul, 23:56
SMM camera at	5-7km ENE	Recorded	15	Projectile	NW to SE	N/K	10-Jul, 23:36
entry-exit checkpoint in Maiorsk	3-5km ENE	Recorded	2	Projectile	SSW to NNE	N/K	11-Jul, 01:26

Table of ceasefire violations as of 12 July 2020⁹

⁹ The table only includes ceasefire violations directly observed by the SMM patrols or recorded by the SMM cameras 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

(government- controlled, 45km NE of Donetsk)							
SMM camera in	3-5km W	Recorded	1	Burst	In vertical flight	N/K	10-Jul, 23:36
Svitlodarsk	3-5km WSW	Recorded	1	Explosion	Undetermined	N/K	10-Jul, 23:55
(government-	3-5km WSW	Recorded	3	Projectile	NNE to SSW	N/K	11-Jul, 00:07
controlled, 57km NE of Donetsk)	3-5km WSW	Recorded	13	Projectile	NNE to SSW	N/K	11-Jul, 00:09
INE OF DOHELSK)	3-5km WSW	Recorded	7	Projectile	NNE to SSW	N/K	11-Jul, 00:10
	3-5km WSW	Recorded	11	Projectile	NNE to SSW	N/K	11-Jul, 00:11
	3-5km WSW	Recorded	4	Projectile	NNE to SSW	N/K	11-Jul, 00:36
	3-5km W	Recorded	10	Projectile	NNE to SSW	N/K	11-Jul, 00:38
	3-5km WSW	Recorded	6	Projectile	NNE to SSW	N/K	11-Jul, 00:41
	3-5km WSW	Recorded	2	Projectile	NNE to SSW	N/K	11-Jul, 00:45
	3-5km W	Recorded	3	Projectile	S to N	N/K	11-Jul, 01:25
	3-5km W	Recorded	12	Projectile	NNE to SSW	N/K	11-Jul, 01:25
	3-5km W	Recorded	21	Projectile	NNE to SSW	N/K	11-Jul, 01:44
	2-4km WSW	Recorded	1	Projectile	E to W	N/K	11-Jul, 02:04
	3-5km W	Recorded	4	Projectile	In vertical flight	N/K	11-Jul, 02:08
	2-4km WSW	Recorded	2	Projectile	In vertical flight	N/K	11-Jul, 02:09
	2-4km WSW	Recorded	1	Muzzle flash		N/K	11-Jul, 03:17
About 1km NW of							11-Jul, 09:17-
the railway station in Yasynuvata (non-	2-3km WSW	Heard	5	Shot		HMG	09:23
government- controlled, 16km NE of Donetsk)	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	11-Jul, 09:26
SE part of Avdiivka (government- controlled, 17km N of Donetsk)	2-3km SSE	Heard	130	Shot		Small arms	11-Jul, 09:03- 09:09
	2-3km SSE	Heard	2	Burst		Small arms	11-Jul, 09:18
	2-3km SSE	Heard	2	Shot		Small arms	11-Jul, 09:18
	2-3km SSE	Heard	5	Explosion	Undetermined	N/K	11-Jul, 09:25
	2-3km SSE	Heard	3	Shot		Small arms	11-Jul, 09:28
	2-3km SSE	Heard	8	Shot		Small arms	11-Jul, 09:34
	2-3km SSE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 09:38
	2-3km SSE	Heard	3	Shot		Small arms	11-Jul, 09:39
About 2km E of Bohdanivka (government- controlled, 41km	5-7km E	Heard	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	11-Jul, 13:21
SW of Donetsk)	3-4km SE	Heard	3	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	11-Jul, 14:32- 14:33
Svitlodarsk	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	11-Jul, 14:06
(government- controlled, 57km NE of Donetsk)	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Jul, 15:36- 15:40
SMM camera on N edge of Popasna (government- controlled, 69km W of Luhansk)	4-5km SE	Recorded	5	Projectile	W to E	N/K	11-Jul, 02:10
SMM camera in Zolote (government-	2-3km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	10-Jul, 22:54
controlled, 60km W of Luhansk)	2-3km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	10-Jul, 23:00

	2 41	D- 11	2	Dr. 1 (1	N to S (assessed as	NT/17	11 1 1 00 50
	3-4km E	Recorded	2	Projectile	outside the disengagement area)	N/K	11-Jul, 00:50
	5-7km E	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	11-Jul, 00:50
	3-4km ESE	Recorded	4	Projectile	WSW to ENE (assessed as outside the disengagement area)	N/K	11-Jul, 01:40
	2-3km ESE	Recorded	3	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	11-Jul, 01:43
	2-3km ESE	Recorded	2	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	11-Jul, 01:44
	2-3km ESE	Recorded	3	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	11-Jul, 01:46
Kadiivka (formerly Stakhanov, non-	2-3km N	Heard	8	Explosion	Undetermined	N/K	11-Jul, 05:55- 06:10
government- controlled, 50km W of Luhansk)	2-3km NE	Heard	8	Explosion	Undetermined	N/K	11-Jul, 05:55- 06:10
W edge of Berezivske (non-	4-7km N	Heard	60	Shot		HMG	11-Jul, 12:18- 12:33
government- controlled, 53km VW of Luhansk)	4-7km N	Heard	25	Shot		HMG	11-Jul, 12:50- 13:05
SMM camera in	3-5km SE	Recorded	1	Projectile	SSW to NNE	N/K	11-Jul, 21:55
Avdiivka	3-5km SE	Recorded	1	Projectile	SSW to NNE	N/K	11-Jul, 21:57
government-	3-5km SE	Recorded	1	Projectile	WNW to ESE	N/K	12-Jul, 00:09
controlled, 17km N	3-5km E	Recorded	3	Projectile	WSW to ENE	N/K	12-Jul, 00:14
of Donetsk)	3-5km E	Recorded	1	Projectile	SW to NE	N/K	12-Jul, 00:21
	3-5km E	Recorded	3	Projectile	NNW to SSE	N/K	12-Jul, 00:24
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	12-Jul, 01:18
SMM camera in Berezove (government- controlled, 31km SW of Donetsk)	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	12-Jul, 02:15
SMM camera at	1-2km S	Recorded	4	Projectile	WNW to ESE	N/K	12-Jul, 00:09
Donetsk Filtration	1-2km S	Recorded	2	Explosion	Undetermined	N/K	12-Jul, 00:09
Station (15km N of	1-2km S	Recorded	2	Explosion	Undetermined	N/K	12-Jul, 00:10
Donetsk)	1-2km S	Recorded	1	Projectile	WNW to ESE	N/K	12-Jul, 00:12
							1 A T 1 00 4 4
	1-2km S	Recorded	8	Muzzle flash		N/K	12-Jul, 00:14
	1-2km S	Recorded	5	Projectile	WNW to ESE	N/K	12-Jul, 00:14
	1-2km S 1-2km S	Recorded Recorded	5 8	Projectile Muzzle flash		N/K N/K	12-Jul, 00:14 12-Jul, 00:15
	1-2km S 1-2km S 1-2km S	Recorded Recorded Recorded	5 8 1	Projectile Muzzle flash Explosion	WNW to ESE Undetermined	N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15
	1-2km S 1-2km S 1-2km S 1-2km S	Recorded Recorded Recorded Recorded	5 8 1 6	Projectile Muzzle flash Explosion Muzzle flash		N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16
	1-2km S 1-2km S 1-2km S 1-2km S 1-2km S	Recorded Recorded Recorded Recorded Recorded Recorded	5 8 1 6 8	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash	Undetermined	N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18
	1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S	RecordedRecordedRecordedRecordedRecordedRecordedRecorded	5 8 1 6 8 1	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash Projectile		N/K N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18 12-Jul, 00:18
	1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S	RecordedRecordedRecordedRecordedRecordedRecordedRecordedRecorded	5 8 1 6 8 1 12	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash Projectile Muzzle flash	Undetermined WNW to ESE	N/K N/K N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18 12-Jul, 00:18 12-Jul, 00:19
	1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S	RecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecorded	5 8 1 6 8 1 12 3	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash Projectile Muzzle flash Projectile	Undetermined WNW to ESE WNW to ESE	N/K N/K N/K N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18 12-Jul, 00:18 12-Jul, 00:19 12-Jul, 00:21
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	1-2km S 1-2km S	RecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecorded	5 8 1 6 8 1 12 3 1 1 1 8	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash Projectile Muzzle flash Projectile Explosion Muzzle flash	Undetermined WNW to ESE WNW to ESE Undetermined	N/K N/K N/K N/K N/K N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18 12-Jul, 00:18 12-Jul, 00:21 12-Jul, 00:21 12-Jul, 00:23 12-Jul, 00:24
	1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S 1-2km S	RecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecordedRecorded	5 8 1 6 8 1 12 3 1 1	Projectile Muzzle flash Explosion Muzzle flash Muzzle flash Projectile Muzzle flash Projectile Explosion Muzzle flash	Undetermined WNW to ESE WNW to ESE	N/K N/K N/K N/K N/K N/K N/K N/K	12-Jul, 00:14 12-Jul, 00:15 12-Jul, 00:15 12-Jul, 00:16 12-Jul, 00:18 12-Jul, 00:18 12-Jul, 00:19 12-Jul, 00:21 12-Jul, 00:21 12-Jul, 00:23

	1-2km S	Recorded	7	Muzzle flash		N/K	12-Jul, 00:26
	1-2km S	Recorded	1	Muzzle flash		N/K	12-Jul, 00:30
SMM camera	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	11-Jul, 22:06
1.5km NE of	3-5km E	Recorded	1	Projectile	SSW to NNE	N/K	11-Jul, 22:10
Hnutove	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	11-Jul, 22:18
(government- controlled, 90km S	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Jul, 22:19
of Donetsk)	3-5km SE	Recorded	12	Projectile	NNE to SSW	N/K	11-Jul, 22:28
or Donetsky	3-5km SE	Recorded	2	Projectile	SW to NE	N/K	11-Jul, 22:28
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	11-Jul, 22:29
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Jul, 22:30
	3-5km SE	Recorded	1	Projectile	SW to NE	N/K	11-Jul, 22:38
	3-5km SE	Recorded	1	Projectile	N to S	N/K	11-Jul, 22:39
	3-5km SE	Recorded	14	Projectile	NNE to SSW	N/K	11-Jul, 23:15
	3-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	11-Jul, 23:17
	3-5km SE	Recorded	1	Projectile	SW to NE	N/K	12-Jul, 00:03
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	12-Jul, 00:11
	3-5km SE	Recorded	3	Projectile	NNE to SSW	N/K	12-Jul, 00:12
	4-5km ESE	Recorded	1	Projectile	SW to NE	N/K	12-Jul, 01:43
SMM camera at	2-4km E	Recorded	1	Projectile	N to S	N/K	12-Jul, 00:01
entry-exit		Recorded		Tiojeethe	11100	101	12 341, 00.01
checkpoint in Hnutove (government- controlled, 84km S of Donetsk)	2-3km E	Recorded	1	Muzzle flash		N/K	12-Jul, 00:17
SMM camera at	4-7km E	Recorded	4	Projectile	NNW to SSE	N/K	12-Jul, 00:33
entry-exit	4-7km ENE	Recorded	10	Projectile	NNW to SSE	N/K	12-Jul, 00:34
checkpoint in	3-5km ESE	Recorded	2	Projectile	S to N	N/K	12-Jul, 00:34
Maiorsk	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 00:37
(government-	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 00:37
controlled, 45km	3-5km ESE	Recorded	2	Projectile	NNW to SSE	N/K	12-Jul, 00:43
NE of Donetsk)	3-5km ESE	Recorded	2	Projectile	SSW to NNE	N/K	12-Jul, 00:43
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 00:45
	3-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	12-Jul, 00:44
	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 00:46
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 00:49
	3-5km ESE	Recorded	1	Explosion	Airburst	N/K	12-Jul, 00:50
		Recorded	1	Projectile	S to N	N/K	
	3-5km ESE			5			12-Jul, 00:50
	2-3km ESE	Recorded	1	Projectile	S to N	N/K	12-Jul, 01:44
0.04 .	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:44
SMM camera in	4-5km WSW	Recorded	1	Projectile	ENE to WSW	N/K	11-Jul, 22:49
Svitlodarsk (government-	4-5km WSW	Recorded	2	Projectile	In vertical flight	N/K	11-Jul, 22:49
controlled, 57km	4-5km WSW	Recorded	1	Projectile	NNW to SSE	N/K	12-Jul, 00:03
NE of Donetsk)	4-5km WSW	Recorded	2	Projectile	NNW to SSE	N/K	12-Jul, 00:17
,	4-5km WSW	Recorded	3	Projectile	N to S	N/K	12-Jul, 00:37
	4-5km WSW	Recorded	1	Muzzle flash		N/K	12-Jul, 00:38
	4-5km WSW	Recorded	4	Projectile	SE to NW	N/K	12-Jul, 00:42
	4-5km WSW	Recorded	1	Explosion	Airburst	N/K	12-Jul, 00:44
	4-5km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 00:49
	4-5km WSW	Recorded	1	Projectile	SE to NW	N/K	12-Jul, 00:50
	4-5km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 00:50
	4-5km WSW	Recorded	1	Projectile	N to S	N/K	12-Jul, 00:53
	4-5km WSW	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Jul, 00:53
	4-5km WSW	Recorded	2	Projectile	N to S	N/K	12-Jul, 00:53
	4-5km WSW	Recorded	1	Muzzle flash		N/K	12-Jul, 00:56
	4-6km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Jul, 01:45
Vesele (non- government-	1-1.5km W	Heard	3	Explosion	Undetermined	N/K	12-Jul, 11:14- 11:17
controlled, 9km NW of Donetsk	1-1.5km W	Heard	5	Shot		Small arms	12-Jul, 11:14- 11:17

	1-1.5km W	Heard	2	Burst		Small arms	12-Jul, 11:14- 11:17
SE part of Avdiivka (government- controlled, 17km N of Donetsk)	2km SE	Heard	4	Burst		Small arms	12-Jul, 09:28
About 2km E of Bohdanivka (government- controlled, 41km SW of Donetsk)	3-5km SSE	Heard	3	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	12-Jul, 11:33
Svitlodarsk (government-	2-3km SE	Heard	4	Burst		HMG	11-Jul, 22:28- 22:31
controlled, 57km	2-3km SE	Heard	2	Burst		HMG	11-Jul, 22:43
NE of Donetsk)	2-3km SE	Heard	5	Burst		HMG	11-Jul, 23:38
SMM camera in Zolote (government-	3-4km E	Recorded	4	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 22:05
controlled, 60km W of Luhansk)	3-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 22:14
	3-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 22:20
	3-4km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 22:21
	3-4km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 22:38
	5-7km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	11-Jul, 23:20
	3-4km E	Recorded	5	Projectile	S to N (assessed as outside the disengagement area)	N/K	11-Jul, 23:25
	5-7km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	11-Jul, 23:33
	3-4km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 23:52
	3-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 23:58
	3-4km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 23:54
	3-4km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	11-Jul, 23:55
	3-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	12-Jul, 00:11
	3-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	12-Jul, 00:12
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Jul, 02:20

	2-3km E	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	12-Jul, 03:11
Kadiivka (formerly Stakhanov, non-	4-5km NNW	Heard	12	Explosion	Outgoing	N/K	12-Jul, 04:47- 05:14
government- controlled, 50km W of Luhansk)	2-3km NE	Heard	16	Explosion	Impact	Artillery (type N/K)	12-Jul, 04:47- 05:14
	4-5km NE	Heard	15	Explosion	Outgoing	N/K	12-Jul, 04:47- 05:14
	4-5km NNW	Heard	5	Explosion	Outgoing	N/K	12-Jul, 05:15- 05:36
	2-3km NE	Heard	30	Explosion	Impact	Artillery (type N/K)	12-Jul, 05:15- 05:36
	4-5km NNE	Heard	30	Explosion	Outgoing	N/K	12-Jul, 05:15- 05:36
	2-3km NE	Heard	3	Explosion	Impact	Artillery (type N/K)	12-Jul, 06:36- 06:50
	2km NE	Heard	17	Explosion	Impact	Artillery (type N/K)	12-Jul, 07:33- 07:50
	4-5km NNE	Heard	17	Explosion	Outgoing	N/K	12-Jul, 07:33- 07:50
	4-5km NNE	Heard	6	Explosion	Outgoing	N/K	12-Jul, 07:55- 08:10
	2km NE	Heard	6	Explosion	Impact	Artillery (type N/K)	12-Jul, 07:55- 08:10
	2km NE	Heard	10	Explosion	Impact	Artillery (type N/K)	12-Jul, 09:23- 10:00
	4-5km NNE	Heard	10	Explosion	Outgoing	N/K	12-Jul, 09:23- 10:00
N edge of Popasna (government- controlled, 69km W of Luhansk)	4-6km E	Heard	10	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	12-Jul, 04:50- 05:09
	8-10km NE	Heard	13	Explosion	Undetermined	N/K	12-Jul, 09:24- 09:40
S edge of Bobrove (government- controlled, 56km	1-2km E	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Jul, 09:25- 09:30
NW of Luhansk)	1-2km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Jul, 09:25- 09:30
	8-10km SSE	Heard	3	Explosion	Undetermined	N/K	12-Jul, 09:25- 09:30
NW edge of Foshkivka government- controlled, 60km NW of Luhansk)	8-10km SE	Heard	5	Explosion	Undetermined	N/K	12-Jul, 09:48- 09:52
W edge of Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	0.9-1km S	Heard	4	Shot		Small arms	12-Jul, 09:40