## Table of ceasefire violations as of 31 March 2019<sup>1</sup>

2-5km SE						Date, time
	Recorded	1	Projectile	SW to NE	N/K	29-Mar, 22:54
2-5km SE	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 22:54
4.01 000			- · ·		27/77	20.15 40.00
						29-Mar, 19:03
						29-Mar, 19:28
						29-Mar, 19:44
						29-Mar, 19:47
						29-Mar, 20:02
						29-Mar, 20:29
						29-Mar, 20:38
						29-Mar, 20:55
						29-Mar, 20:56
						29-Mar, 20:56
2-4km SE	Recorded	1			N/K	29-Mar, 20:58
3-5km S	Recorded	1			N/K	29-Mar, 20:58
						,
3-5km S	Recorded	2			N/K	29-Mar, 21:00
2.41 005	D 1.1					,
2-4km SSE	Recorded	5	Projectile		N/K	29-Mar, 21:01
2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	29-Mar, 21:06
2-4km SSE	Recorded	1	Explosion	Undetermined		29-Mar, 21:06
	Recorded	1		WNW to ESE		29-Mar, 21:11
3-5km SSE	Recorded	1	Explosion	Undetermined		29-Mar, 21:11
2-4km SSE	Recorded	5	Projectile	ENE to WSW		29-Mar, 21:13
2-4km SSE	Recorded	5	Projectile	WSW to ENE		29-Mar, 21:14
2-4km SSE	Recorded	1	Explosion	Undetermined		29-Mar, 21:14
2-4km SSE	Recorded	1	Projectile	ENE to WSW		29-Mar, 21:47
2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	29-Mar, 21:48
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	29-Mar, 21:50
2-4km SSE	Recorded	1	Projectile	WSW to ENE		29-Mar, 21:59
2-4km SSE	Recorded	1	Projectile	WSW to ENE		29-Mar, 22:01
2-4km SSE	Recorded	8	Projectile			29-Mar, 22:26
2-4km SSE	Recorded		Projectile	WSW to ENE		29-Mar, 22:27
2-4km SSE	Recorded		Projectile	ENE to WSW		29-Mar, 22:29
2-4km SSE	Recorded		Projectile	WSW to ENE		29-Mar, 22:31
2-4km SSE	Recorded	9	Projectile	ENE to WSW	N/K	29-Mar, 22:37
2-4km SE	Recorded	5	Projectile	WSW to ENE	N/K	29-Mar, 22:46
2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	29-Mar, 22:48
2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	29-Mar, 22:48
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	29-Mar, 22:50
2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	29-Mar, 22:53
2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	29-Mar, 22:53
2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	29-Mar, 22:55
2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	29-Mar, 22:56
2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	29-Mar, 22:56
2-4km SSE	Recorded	6	Projectile	WSW to ENE	N/K	29-Mar, 22:56
3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 23:00
	1-3km SSE 1-3km SSE 1-3km SSE 1-3km SSE 2-4km SSE 2-4km SSE 8-10km SSE 2-4km SSE 2-4km SSE 3-5km SSE 2-4km SSE	1-3km SSE Recorded 1-3km SSE Recorded 1-3km SSE Recorded 1-3km SSE Recorded 2-4km SSE Recorded 2-4km SSE Recorded 8-10km SSE Recorded 2-4km SSE Recorded 3-5km SSE Recorded 2-4km SSE Recorded 3-5km SS Recorded 3-5km SS Recorded 3-5km S Recorded 3-5km S Recorded 2-4km SSE Recorded	1-3km SSE         Recorded         3           1-3km SSE         Recorded         6           1-3km SSE         Recorded         1           1-3km SSE         Recorded         1           1-3km SSE         Recorded         1           2-4km SSE         Recorded         1           8-10km SSE         Recorded         4           2-4km SSE         Recorded         1           3-5km SSE         Recorded         1           2-4km SSE         Recorded         1           2-4km SSE         Recorded         1           3-5km S         Recorded         1           3-5km S         Recorded         1           2-4km SSE         Recorded         2           2-4km SSE         Recorded         1           2-4km SSE         Recorded         1           2-4km SSE         Recorded         1           2-4km SSE         Recorded         5           2-4km SSE         Recorded         5           2-4km SSE         Recorded         1           2-4km SSE         Recorded         1           2-4km SSE         Recorded         1           2-4km SSE         <	1-3km SSE Recorded 6 Projectile 1-3km SSE Recorded 1 Projectile 1-3km SSE Recorded 1 Projectile 2-4km SSE Recorded 1 Projectile 2-4km SSE Recorded 1 Projectile 8-10km SSE Recorded 1 Projectile 3-5km SSE Recorded 1 Projectile 2-4km SSE Recorded 1 Projectile 3-5km S Recorded 1 Projectile 3-5km S Recorded 1 Projectile 3-5km S Recorded 1 Projectile 2-4km SSE Recorded 1 Projectile 3-5km S Recorded 1 Projectile 2-4km SSE Recorded 5 Projectile 2-4km SSE Recorded 1 Projectile 2-4km SSE Recorded 3 Projectile 2-4km SSE Recorded 3 Projectile 2-4km SSE Recorded 4 Projectile 2-4km SSE Recorded 5 Projectile 2-4km SSE Recorded 1 Projectile 2-4km SSE Recorded 1 Projectile 2-4km SSE Recorded 3 Projectile 2-4km SSE Recorded 4 Projectile 2-4km SSE Recorded 5 Projectile 2-4km SSE Recorded 1 Projectile	1-3km SSE Recorded 3 Projectile ENE to WSW 1-3km SSE Recorded 1 Projectile ENE to WSW 2-4km SSE Recorded 1 Projectile ENE to WSW 8-10km SSE Recorded 1 Projectile ENE to WSW 3-5km SSE Recorded 1 Projectile ENE to WSW 3-5km SSE Recorded 1 Projectile ENE to WSW 3-5km SSE Recorded 1 Explosion Undetermined 1 Explosion Undetermined 1 Undetermined 1 Illumination In vertical flare flight 1 Illumination In vertical flight 1 In vertical flight 2-4km SSE Recorded 1 Explosion Undetermined 2 Illumination In vertical flight 1 In vertical flight 2-4km SSE Recorded 1 Explosion Undetermined 2 Illumination In vertical flight 1 In vertical flight 2 Illumination In vertical flight 3 In vertical flight 1 Illumination In vertical flight 2 Illumination In vertical flight 3 Illumination In vertical flight 4 Illumination In vertical flight 5 Illumination In ve	1-3km SSE Recorded 3 Projectile ENE to WSW N/K 1-3km SSE Recorded 6 Projectile ENE to WSW N/K 1-3km SSE Recorded 1 Projectile ENE to WSW N/K 1-3km SSE Recorded 1 Projectile ENE to WSW N/K 2-4km SSE Recorded 1 Projectile ENE to WSW N/K 2-4km SSE Recorded 1 Projectile ENE to WSW N/K 8-10km SSE Recorded 1 Projectile ENE to WSW N/K 8-10km SSE Recorded 1 Projectile ENE to WSW N/K 8-10km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km S Recorded 1 Projectile ENE to WSW N/K 3-5km S Recorded 1 Projectile ENE to WSW N/K 3-5km S Recorded 1 Projectile ENE to WSW N/K 1 Illumination Intermined N/K 1 Illumination Intermined N/K 1 Illumination Intermined N/K 1 Illumination Intermined N/K 2-4km SSE Recorded 5 Projectile NNE to SSW N/K 1 Invertical Intermined N/K 1 Invertical Intermined N/K 2-4km SSE Recorded 1 Projectile NNE to SSW N/K 1 Invertical Intermined N/K 2-4km SSE Recorded 1 Projectile NNE to SSW N/K 3-5km SSE Recorded 1 Projectile WNW to ESE N/K 3-5km SSE Recorded 1 Projectile WNW to ESE N/K 3-5km SSE Recorded 1 Projectile WNW to ESE N/K 3-5km SSE Recorded 1 Projectile WNW to ESE N/K 3-5km SSE Recorded 5 Projectile WSW to ENE N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 2-4km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Recorded 1 Projectile ENE to WSW N/K 3-5km SSE Re

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<sup>&</sup>lt;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.

	3-5km S	Recorded	1	Illumination	In vertical	N/K	29-Mar, 23:00
			_	flare	flight		,
	2-4km SSE	Recorded	10	Projectile	ENE to WSW	N/K	29-Mar, 23:03
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	29-Mar, 23:04
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	29-Mar, 23:21
	2-4km SSE	Recorded	14	Projectile	ENE to WSW	N/K	29-Mar, 23:26
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	29-Mar, 23:26
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	29-Mar, 23:36
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	29-Mar, 23:37
	2-4km SSE	Recorded	13	Projectile	ENE to WSW	N/K	29-Mar, 23:43
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	29-Mar, 23:44
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	29-Mar, 23:45
	2-4km SSE	Recorded	16	Projectile	ENE to WSW	N/K	29-Mar, 23:57
	2-4km SSE	Recorded	9	Projectile	ENE to WSW	N/K	30-Mar, 00:00
	2-4km SSE	Recorded	16	Projectile	ENE to WSW	N/K	30-Mar, 00:02
	2-4km SSE	Recorded	31	Projectile	ENE to WSW	N/K	30-Mar, 00:29
	2-4km SSE	Recorded	11	Projectile	ENE to WSW	N/K	30-Mar, 00:32
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	30-Mar, 00:48
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	30-Mar, 00:52
	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	30-Mar, 00:53
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	30-Mar, 00:54
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	30-Mar, 00:55
	2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	30-Mar, 00:56
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:00
	2-4km SSE	Recorded	16	Projectile	ENE to WSW	N/K	30-Mar, 01:02
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	30-Mar, 01:08
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:15
	2-4km SSE	Recorded	15	Projectile	ENE to WSW	N/K	30-Mar, 01:20
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	30-Mar, 01:46
	8-10km S	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 02:59
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	30-Mar, 04:15
SMM camera at	N/K SSW	Recorded	1	Projectile	NW to SE	N/K	29-Mar, 20:11
Donetsk	1-2km S	Recorded	1	Projectile	W to E	N/K	29-Mar, 20:45
Filtration	1-2km S	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 20:46
Station (15km	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 20:47
N of Donetsk)	200-500m S	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 20:57
	1-2km SSW	Recorded	7	Projectile	NW to SE	N/K	29-Mar, 21:07
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 21:15
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 22:22
	0.5-1km SW	Recorded	5	Muzzle flash		N/K	29-Mar, 22:22
	1-2km SW	Recorded	3	Projectile	NW to SE	N/K	29-Mar, 22:55
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	30-Mar, 04:04
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	30-Mar, 04:05
	2-3km SSW	Recorded	2	Projectile	NNE to SSW	N/K	30-Mar, 04:05
SMM camera	1-3km ESE	Recorded	1	Explosion	Airburst	N/K	29-Mar, 18:37
1.5km NE of	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 18:37
Hnutove (government-	1-3km ESE	Recorded	1	Projectile	In vertical flight	N/K	29-Mar, 18:37
controlled,	1-3km ESE	Recorded	1	Muzzle flash		N/K	29-Mar, 18:37
20km NE of	2-4km E	Recorded	6	Projectile	WNW to ESE	N/K	29-Mar, 20:34
Mariupol)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 01:26
SMM camera in Hranitne (government- controlled, 60km S of Donetsk)	2-3km E	Recorded	2	Projectile	S to N	N/K	29-Mar, 20:50
SMM camera E	3-5km NE	Recorded	2	Explosion	Airburst	N/K	29-Mar, 18:37
of Lomakyne (government-	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 21:56
controlled,	2-4km E	Recorded	1	Illumination	In vertical	N/K	29-Mar, 23:00
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15km NE of	]	1		flare	flight	ĺ	i
Mariupol)	2.41 NE	D 1.1		Illumination	In vertical	NT/TZ	20.34 01.15
	2-4km NE	Recorded	1	flare	flight	N/K	30-Mar, 01:15
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:15
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 02:58
SMM camera at	1.5-3km ENE	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 19:22
entry-exit checkpoint in	1-3km E	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 21:38
Maiorsk (government- controlled, 45km NE of Donetsk)	1-2km E	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 22:59
SMM camera at entry-exit	2-3km N	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 20:41
checkpoint in	1-2km NNE	Recorded	1	Projectile	SW to NE	N/K	29-Mar, 22:51
Marinka	1-2km NNE	Recorded	5	Projectile	SW to NE	N/K	29-Mar, 22:54
(government-	1-2km NNE	Recorded	2	Projectile	SW to NE	N/K	30-Mar, 00:27
controlled, 23km SW of	1-2km NNE	Recorded	1	Projectile	In vertical flight	N/K	30-Mar, 01:13
Donetsk)	1-2km N	Recorded	5	Projectile	S to N	N/K	30-Mar, 01:23
	1-2km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:44
SMM camera at Oktiabr mine (non- government- controlled, 9km NW of Donetsk city centre)	2-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 20:06
SMM camera at entry-exit	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 20:58
checkpoint in Pyshchevyk	2-4km S	Recorded	2	Illumination flare	In vertical flight	N/K	29-Mar, 21:00
(government-	1-3km S	Recorded	1	Projectile	E to W	N/K	29-Mar, 21:56
controlled,	1-2km S	Recorded	1	Projectile	E to W	N/K	29-Mar, 21:58
25km NE of	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	29-Mar, 22:07
Mariupol)	1-2km SE	Recorded	2	Projectile	ENE to WSW	N/K	29-Mar, 23:59
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:00
	1-2km SE	Recorded	1	Projectile	E to W	N/K	30-Mar, 01:49
	<u>2-4km S</u>	Recorded	<u>1</u>	Illumination flare	In vertical flight	<u>N/K</u>	30-Mar, 02:59
SMM camera 1km SW of	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 23:00
Shyrokyne (government-	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 23:00
controlled, 20km E of	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:00
Mariupol)	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 01:16
	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 02:58
	5-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 02:59
3km SSE of	5-7km NNW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 10:04
Lozove (government- controlled, 52km NE of Donetsk)	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 10:14
About 1km NW of railway	2-3km SW	Heard	20	Shot		Small arms	30-Mar, 09:38- 09:52

station in	2-3km SW	Heard	3	Burst		Small	30-Mar, 09:38-
Yasynuvata						arms	09:55
(non-	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 09:42
government-	1.5-2.5km NNW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 12:23
controlled, 16km NE of	2-3km WSW	Heard	5	Shot		Small arms	30-Mar, 12:40- 13:00
Donetsk)	3-5km W	Heard	1	Explosion	Undetermined	N/K	30-Mar, 12:54
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	30-Mar, 12:56- 12:59
	1-2km SSW	Heard	1	Shot		N/K	30-Mar, 13:32
Yasynuvata railway station (non- government- controlled, 16km NE of Donetsk)	2-4km SW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 12:10
SE edge of	4-6km NE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 10:03
Avdiivka (government- controlled, 17km N of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 10:15
About 2.5km SSE of Lohvynove (non- government- controlled, 59km NE of Donetsk) About 800m S	1.5-2km NW	Heard	6	Shot		Small arms	30-Mar, 11:30- 12:00
of Novohryhorivka (non- government- controlled, 61km NE of Donetsk)	4-6km NNE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 13:51
About 3km NE of Zaichenko (non- government- controlled, 26km NE of Mariupol)	N/K SW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 11:33
Sopyne (government- controlled, 16km E of Mariupol)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 12:37
Horlivka (non-	2-4km W	Heard	2	Burst		HMG	29-Mar, 18:55
government-	3-5km N	Heard	1	Explosion	Undetermined	N/K	29-Mar, 19:22
controlled,	5-7km W	Heard	1	Explosion	Undetermined	N/K	29-Mar, 20:41
39km NE of Donetsk)	3-5km W	Heard	3	Explosion	Undetermined	N/K	29-Mar, 22:50- 23:15
About 2km SSE of Kamianka	1-2km E	Heard	1	Shot		Small arms	30-Mar, 09:41
(government- controlled, 23km N of Donetsk)	1-2km E	Heard	1	Shot		Small arms	30-Mar, 10:03
Svitlodarsk (government-	4-5km NW	Heard	7	Explosion	Undetermined	N/K	30-Mar, 13:27- 13:29
controlled, 57km NE of	4-5km NW	Heard	5	Explosion	Undetermined	N/K	30-Mar, 14:11- 14:14

Donetsk)	4-5km NNW	Heard	5	Explosion	Undetermined	N/K	30-Mar, 17:15- 17:21
	4-5km NNW	Heard	7	Explosion	Undetermined	N/K	30-Mar, 17:25-
	7-8km SW	Heard	2	Explosion	Undetermined	N/K	17:30 30-Mar, 17:31
	4-5km NNW	Heard	7	Explosion	Undetermined	N/K	30-Mar, 17:50- 18:04
Novoluhanske	1-3km SSW	Heard	3	Burst		HMG	30-Mar, 14:28-
(government- controlled,	1-3km SSW	Heard	22	Burst		Small	14:34 30-Mar, 14:28-
53km NE of Donetsk)	1-3km SSW	Heard	5	Explosion	Undetermined	arms N/K	14:34 30-Mar, 14:28-
			_	_			14:34
SMM camera in	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 21:01
Kriakivka	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 21:53
(government- controlled,	2-4km SW	Recorded	3	Projectile	NNW to SSE	N/K	29-Mar, 21:56
38km NW of	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	29-Mar, 21:56
Luhansk)	2-4km SW 2-4km SSW	Recorded Recorded	1	Projectile Explosion	NNW to SSE Undetermined	N/K N/K	29-Mar, 22:00
Editalisk)	2-4km SW	Recorded	1	*			29-Mar, 22:00
	2-4km SW	Recorded	2	Explosion Projectile	Undetermined NNW to SSE	N/K N/K	29-Mar, 22:01 29-Mar, 22:03
			1	Explosion		N/K	
	2-4km SW 2-4km SSW	Recorded Recorded	1	Explosion	Undetermined Undetermined	N/K N/K	29-Mar, 22:03 29-Mar, 22:12
	2-4km SSW	Recorded	4	Explosion	Undetermined	N/K	29-Mar, 22:13
	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	29-Mar, 22:41
	2-4km SSW	Recorded	4	Explosion	Undetermined	N/K	29-Mar, 23:05
	2-4km SW	Recorded	2	Projectile	E to W	N/K	30-Mar, 00:06
	2-4km SW	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 00:49
SMM camera in Zolote (government- controlled, 60km W of Luhansk)	1-2km SSE	Recorded	2	Muzzle flash	Unable to assess whether inside or outside the disengagement area	N/K	29-Mar, 19:29
Popasna (government-	10-15km S	Heard	6	Explosion	Undetermined	N/K	29-Mar, 19:03- 19:20
controlled, 69km W of Luhansk)	5-9km E	Saw	5	Burst	Unable to assess if inside or outside the Zolote disengagement area	HMG	29-Mar, 19:06
Kadiivka (non- government-	10-15km W	Heard	88	Explosion	Undetermined	N/K	29-Mar, 16:40- 17:35
controlled, formerly Stakhanov, 50km W of Luhansk)	10-15km NW	Heard	91	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	29-Mar, 16:40- 17:35
	10-15km W	Heard	7	Explosion	Undetermined	N/K	29-Mar, 19:20- 19:45
Obozne (non- government- controlled, 18km N of Luhansk)	2-4km N	Heard	1	Explosion	Undetermined	N/K	30-Mar, 09:47
3km S of Muratove	5-6km SW	Heard	3	Explosion	Undetermined	N/K	30-Mar, 10:55- 11:20
(government- controlled,	5-6km SE	Heard	2	Explosion	Undetermined	N/K	30-Mar, 10:55- 11:20
commoned.				i .		•	

Luhansk)	1	I			1	I	11:20
Zolote-							
5/Mykhailivka							
(non-					Assessed as		
government-	600-700m NNE	Heard	8	Shot	outside the	Small	30-Mar, 11:00-
controlled,	000-700III IVIVE	Ticaru	0	Shot	disengagement	arms	11:03
58km W of					area		
Luhansk)							
SW edge of					Assessed as		
Berezivske					outside the	Small	30-Mar, 11:22-
(non-	2-3km NW	Heard	13	Burst	Zolote	arms	11:30
government-					disengagement	arms	11.50
controlled,					area		
53km NW of					Assessed as		
Luhansk)					outside the		
,	2-3km NW	Heard	15	Shot	Zolote	Small	30-Mar, 11:22-
	2 Skiii I VV	Ticara	13	Shot		arms	11:30
					disengagement		
E 1 CO:					area		
E edge of Staryi							
Aidar							
(government-	8-10km SW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 12:14
controlled,	0-10KIII S W	Ticaru	1	Evbiosion	Ondetermined	1 1/ 12	50-iviai, 12.14
20km NW of							
Luhansk)							
Kriakivka							
(government-							
controlled,	1-2km SSW	Heard	3	Shot		Small	30-Mar, 12:33-
,	1-2KIII 35 W	Heard	3	Shot		arms	12:44
38km NW of							
Luhansk)							
Pankivka (non-							
government-						Small	
controlled,	700m NW	Heard	2	Shot			30-Mar, 12:53
16km N of						arms	
Luhansk)							
S edge of	7-12km SW	Heard	1	Explosion	Undetermined	N/K	30-Mar, 13:20
Kalynove-				•			,
Borshchuvate					Assessed as		
(non-					outside the		
,	2 21 11/	111	10	Shot		Small	30-Mar, 13:21-
government-	2-3km W	Heard	10	Snot	Zolote	arms	13:25
controlled,					disengagement		
61km W of					area		
Luhansk)							
SMM camera in	1-3km SSE	Recorded	6	Projectile	NE to SW	N/K	30-Mar, 19:13
Chermalyk	1-3km SSE	Recorded	1	Projectile	NE to SW	N/K	30-Mar, 19:14
(government-	1-3km SSE	Recorded	3	Projectile	NE to SW	N/K	30-Mar, 19:16
controlled,	1-3km SSE	Recorded	4	Projectile	NE to SW	N/K	30-Mar, 19:28
31km NE of	2-4km S	Recorded	2	Explosion	Undetermined	N/K	30-Mar, 19:37
Mariupol)							
po/	1-3km SE	Recorded	2	Projectile	ENE to WSW	N/K	30-Mar, 19:49
	2-4km SSE	Recorded	5	Projectile	WNW to ESE	N/K	30-Mar, 20:08
	3-5km SSE	Recorded	4	Projectile	W to E	N/K	30-Mar, 20:09
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	30-Mar, 20:10
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	30-Mar, 20:12
	2-4km SSE	Recorded	6	Projectile	NNE to SSW	N/K	30-Mar, 20:13
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	30-Mar, 20:14
	2-4km SSE 2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	30-Mar, 20:14
		Recorded	3	Projectile	W to E	N/K	30-Mar, 20:14
	3-5km SSE	D 1 1		Projectile	ENE to WSW	N/K	30-Mar, 20:30
	2-4km SSE	Recorded	9				
	2-4km SSE 2-4km SSE	Recorded	13	Projectile	ENE to WSW	N/K	30-Mar, 20:31
	2-4km SSE				ENE to WSW ENE to WSW	N/K N/K	30-Mar, 20:31 30-Mar, 20:32
	2-4km SSE 2-4km SSE	Recorded	13	Projectile			
	2-4km SSE 2-4km SSE 2-4km SSE 2-4km SSE	Recorded Recorded Recorded	13 1 1	Projectile Projectile Projectile	ENE to WSW ENE to WSW	N/K N/K	30-Mar, 20:32 30-Mar, 20:36
	2-4km SSE 2-4km SSE 2-4km SSE 2-4km SSE 2-4km SSE	Recorded Recorded Recorded Recorded	13 1 1 2	Projectile Projectile Projectile Projectile	ENE to WSW ENE to WSW	N/K N/K N/K	30-Mar, 20:32 30-Mar, 20:36 30-Mar, 20:37
	2-4km SSE	Recorded Recorded Recorded Recorded Recorded	13 1 1 2 2	Projectile Projectile Projectile Projectile Projectile	ENE to WSW ENE to WSW ENE to WSW	N/K N/K N/K N/K	30-Mar, 20:32 30-Mar, 20:36 30-Mar, 20:37 30-Mar, 20:38
	2-4km SSE	Recorded Recorded Recorded Recorded Recorded Recorded	13 1 1 2 2 2	Projectile Projectile Projectile Projectile Projectile Projectile Projectile	ENE to WSW	N/K N/K N/K N/K N/K	30-Mar, 20:32 30-Mar, 20:36 30-Mar, 20:37 30-Mar, 20:38 30-Mar, 20:43
	2-4km SSE	Recorded Recorded Recorded Recorded Recorded	13 1 1 2 2	Projectile Projectile Projectile Projectile Projectile	ENE to WSW ENE to WSW ENE to WSW	N/K N/K N/K N/K	30-Mar, 20:32 30-Mar, 20:36 30-Mar, 20:37 30-Mar, 20:38

	2 4km CCE	Recorded	6	Projectile	ENE to WCW	N/K	20 Mar 21:02
	2-4km SSE		4		ENE to WSW ENE to WSW	N/K	30-Mar, 21:03
	2-4km SSE 2-4km SSE	Recorded	2	Projectile Projectile		N/K	30-Mar, 21:04 30-Mar, 21:14
		Recorded			ENE to WSW		
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	30-Mar, 21:15
	2-4km SSE	Recorded	16	Projectile	ENE to WSW	N/K	30-Mar, 21:40
	2-4km SSE	Recorded		Projectile	ENE to WSW	N/K	30-Mar, 21:41
	2-4km SSE	Recorded	7 5	Projectile	ENE to WSW	N/K	30-Mar, 21:42
	2-4km SSE	Recorded		Projectile	ENE to WSW	N/K	30-Mar, 21:50
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 21:52
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	30-Mar, 22:11
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	30-Mar, 22:31
	2-4km SSE	Recorded		Projectile	ENE to WSW	N/K	30-Mar, 22:55
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	30-Mar, 23:00
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	30-Mar, 23:03
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	30-Mar, 23:04
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	30-Mar, 23:48
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	30-Mar, 23:49
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	31-Mar, 00:01
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	31-Mar, 00:11
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	31-Mar, 00:27
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	31-Mar, 00:28
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	31-Mar, 00:34
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	31-Mar, 00:36
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-Mar, 00:42
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	31-Mar, 00:43
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	31-Mar, 00:54
	2-4km SSE	Recorded	30	Projectile	ENE to WSW	N/K	31-Mar, 01:08
	2-4km SSE	Recorded	11	Projectile	ENE to WSW	N/K	31-Mar, 01:16
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	31-Mar, 01:17
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	31-Mar, 01:23
	2-4km SSE	Recorded	1	Explosion	ENE to WSW	N/K	31-Mar, 01:23
	2-4km SSE	Recorded	9	Projectile	ENE to WSW	N/K	31-Mar, 01:25
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	31-Mar, 01:27
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	31-Mar, 01:33
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	31-Mar, 01:34
	3-5km SSE	Recorded	8	Projectile	ENE to WSW	N/K	31-Mar, 01:35
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	31-Mar, 02:15
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	31-Mar, 02:27
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	31-Mar, 02:28
	2-4km SSE	Recorded	10	Projectile	ENE to WSW	N/K	31-Mar, 02:30
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-Mar, 02:42
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 02:42
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	31-Mar, 04:16
	2-4km SSE	Recorded	7	Projectile	ENE to WSW	N/K	31-Mar, 04:17
	3-5km SSE	Recorded	16	Projectile	ENE to WSW	N/K	31-Mar, 04:20
	3-5km SSE	Recorded	1	Burst	ENE to WSW	N/K	31-Mar, 04:33
	2-4km SSE	Recorded	5	Projectile Projectile	ENE to WSW	N/K	31-Mar, 04:38
	2-4km SSE	Recorded		Projectile Projectile	NW to SE	N/K	31-Mar, 04:39 31-Mar, 04:39
	2-4km SSE	Recorded	1	Projectile Projectile	ENE to WSW	N/K	
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-Mar, 04:51
	2-4km SSE	Recorded	2	Projectile	In vertical flight	N/K	31-Mar, 04:51
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	31-Mar, 05:16
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	31-Mar, 05:16
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	31-Mar, 05:18
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	31-Mar, 05:19
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	31-Mar, 05:22
SMM camera at	0.5-1km SSW	Recorded	1	Projectile	E to W	N/K	30-Mar, 18:55
Donetsk	2-4km SSW	Recorded	1	Projectile	ESE to WNW	N/K	30-Mar, 20:11
Filtration	1-3km SSW	Recorded	3	Projectile	WNW to ESE	N/K	30-Mar, 23:31
Station (15km	1-3km SSW	Recorded	1	Muzzle flash	Undetermined	N/K	30-Mar, 23:32
N of Donetsk)	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 23:32
	1-3km S	Daggedad	1	Illumination	In vertical	N/V	
	1-3KIII 3	Recorded	1	flare	flight	N/K	30-Mar, 23:33
	-					· ·	

1	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 23:58
	2-4km SSW	Recorded	1	Projectile	E to W	N/K	31-Mar, 00:22
	2-4km SSW	Recorded	2	Projectile	W to E	N/K	31-Mar, 01:16
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	31-Mar, 01:51
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	2-4km E	Recorded	4	Projectile	WNW to ESE	N/K	30-Mar, 20:08
SMM camera at	2-4km E	Recorded	1	Projectile	NW to SE	N/K	31-Mar, 00:53
entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 04:59
SMM camera at entry-exit	1-3km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Mar, 02:27
checkpoint in Marinka (government- controlled, 23km SW of Donetsk)	1-2km NNE	Recorded	2	Projectile	NW to SE	N/K	31-Mar, 02:56
SMM camera at	2-4km S	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 21:44
entry-exit	2-4km S	Recorded	2	Projectile	W to E	N/K	31-Mar, 02:25
checkpoint in	2-4km SE	Recorded	1	Projectile	E to W	N/K	31-Mar, 04:38
Pyshchevyk	2-4km S	Recorded	2	Projectile	W to E	N/K	31-Mar, 04:45
(government- controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Projectile	E to W	N/K	31-Mar, 05:15
SE edge of	1-2km SE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:03
Avdiivka	2-3km S	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:20
(government- controlled,	1km SE	Heard	12	Shot		Small arms	31-Mar, 10:28
17km N of Donetsk)	2-3km SE	Heard	4	Shot		Small arms	31-Mar, 11:00- 11:05
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 11:00- 11:05
	2-3km SE	Heard	14	Burst		HMG	31-Mar, 11:00- 11:05
S edge of Avdiivka	3-4km SE	Heard	4	Explosion	Undetermined	N/K	31-Mar, 11:20- 11:25
(government- controlled,	2-3km S	Heard	16	Shot		Small arms	31-Mar, 13:48- 13:56
17km N of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	31-Mar, 13:48- 13:56
	3-4km E	Heard	3	Explosion	Undetermined	N/K	31-Mar, 13:51- 13:55
About 1.5km ESE of Yasynuvata (non- government- controlled, 16km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:04
About 1km NW	4-5km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:20
of the railway	2-3km SW	Heard	45	Shot		HMG	31-Mar, 10:27
station in	4-5km SW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:33
Yasynuvata	2-3km SW	Heard	2	Shot		HMG	31-Mar, 10:35
(non-	2-3km SW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:59

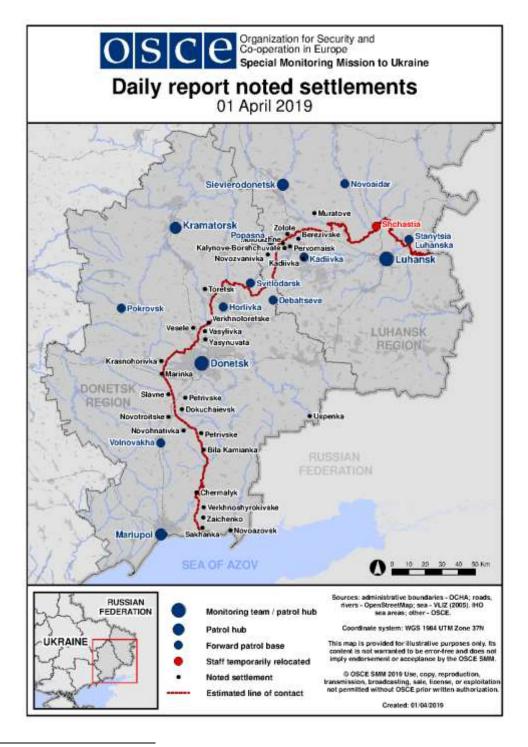
government-	2-3km SW	Heard	8	Shot		HMG	31-Mar, 10:59
controlled,	2-3km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:00
16km NE of	3-5km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:00
Donetsk)	2-3km SW	Heard	7	Shot		Small arms	31-Mar, 11:06
	5-7km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:20
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 11:25
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 11:30
	2-3km SW	Heard	3	Shot		HMG	31-Mar, 11:48
	2-3km SW	Heard	3	Shot		Small arms	31-Mar, 12:01
	4-5km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 12:04
	3-5km N	Heard	2	Explosion	Undetermined	N/K	31-Mar, 12:25
	3-5km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 12:37
	2-3km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 12:37
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 12:46
	2-3km SW	Heard	19	Shot		Small arms	31-Mar, 12:47
2.5km SSE of Lomakyne	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:07- 11:13
(government-	N/K E	Heard	3	Explosion	Undetermined	N/K	31-Mar, 11:07-
controlled, 15km NE of	N/K E	Heard	1	Explosion	Undetermined	N/K	11:13 31-Mar, 11:38
Mariupol)							31-Mar, 12:03-
	N/K NE	Heard	14	Explosion	Undetermined	N/K	12:07
	N/K NE	Heard	10	Burst		HMG	31-Mar, 12:03- 12:07
Hranitne (government- controlled, 25km N of Mariupol)	1-2km ESE	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:26
About 2km SE	N/K NNE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 12:58
of Lebedynske (government- controlled, 16km NE of Mariupol)	N/K NNE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 13:03
1km NNW of Pyshchevyk	N/K NE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 13:33- 13:38
(government- controlled, 25km NE of Mariupol)	N/K NE	Heard	10	Burst		HMG	31-Mar, 13:33- 13:38
N edge of Horlivka (non- government- controlled, 39 km NE of Donetsk)	400-500m WSW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 09:47
Maiorsk (government- controlled, 45km NE of Donetsk)	1-2km SE	Heard	15	Burst		Small arms	31-Mar, 11:52
Svitlodarsk	1-2km SSW	Heard	1	Explosion	Outgoing	Mortar	31-Mar, 17:58
(government- controlled, 57km NE of Donetsk)	1-2km SSW	Heard	2	Explosion	Undetermined	(120mm) N/K	31-Mar, 18:11- 18:12
SMM camera in Kriakivka (government- controlled, 38km NW of Luhansk)	4-5km SSW	Recorded	2	Explosion	Undetermined	N/K	30-Mar, 20:51

SMM camera on N edge of Popasna (government- controlled, 69km W of Luhansk)	2-4km ESE	Recorded	1	Explosion	Impact	N/K	30-Mar, 18:42
SMM camera	2-4km SE	Recorded	3	Projectile	N to S	N/K	30-Mar, 22:06
on N edge of Popasna (government- controlled, 69km W of Luhansk)	2-4km SE	Recorded	5	Projectile	N to S	N/K	30-Mar, 22:34
SMM camera in Zolote (government- controlled, 60km W of	2-4km E	Recorded	9	Projectile	In vertical flight(assessed as outside the disengagement area)	N/K	30-Mar, 18:48
Luhansk)	2-4km E	Recorded	32	Projectile	In vertical flight(assessed as outside the disengagement area)	N/K	30-Mar, 18:50
	2-4km E	Recorded	14	Projectile	N to S (assessed as outside the disengagement area)	N/K	30-Mar, 18:50
	2-4km ESE	Recorded	11	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 18:50
	2-4km E	Recorded	6	Projectile	N to S (assessed as outside the disengagement area)	N/K	30-Mar, 18:50
	2-4km ESE	Recorded	40	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 18:51
	2-4km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 18:59
	2-4km E	Recorded	3	Projectile	S to N (assessed as outside the disengagement area)	N/K	30-Mar, 19:31
	2-4km ESE	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 19:32
	2-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	30-Mar, 19:57
	2-4km E	Recorded	2	Projectile	NW to SE (assessed as	N/K	30-Mar, 22:36

				Ī	outside the		
					disengagement area)		
	2-4km E	Recorded	5	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	30-Mar, 23:46
	2-4km E	Recorded	3	Projectile	W to E (assessed as outside the disengagement area)	N/K	30-Mar, 23:47
	2-4km E	Recorded	2	Projectile	S to N (assessed as outside the disengagement area)	N/K	31-Mar, 02:33
Kadiivka (formerly Stakhanov, non- government- controlled, 50km W of Luhansk)	300-500m NW	Heard and saw	40	Burst	Tracer rounds seen	Small arms	30-Mar, 18:48- 18:52
Novoaidar (government- controlled, 49km NW of Luhansk)	10km SSE	Heard	4	Explosion	Undetermined	N/K	30-Mar, 21:52
About 1.3km NNW of	2-4km SSW	Heard	6	Shot		Small arms	31-Mar, 09:56- 10:02
Kalynove- Borshchuvate	2-4km SSW	Heard	10	Burst		Small arms	31-Mar, 09:56- 10:02
(non- government- controlled, 61km W of Luhansk)	2-3km SW	Heard	6	Burst		HMG	31-Mar, 11:10
	1-1.5km SW	Heard	6	Shot		HMG	31-Mar, 11:11-11:10
About 1.5km SW of Molodizhne (non- government- controlled, 63km NW of Luhansk)	2-3km S	Heard	5	Shot	Assessed as outside the disengagement area	HMG	31-Mar, 10:20-10:26
	2-3km S	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	31-Mar, 10:20-10:26
1.7km SW of Molodizhne (non- government- controlled, 63km NW of Luhansk)	1-1.5km SSW	Heard	20	Shot		Small arms	31-Mar, 11:43-11:45
1km N of Pervomaisk (non- government-	600m WNW	Heard	1	Burst	Assessed as inside the Zolote disengagement	HMG	31-Mar, 10:53

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controlled,					area		
58km W of							
Luhansk)							
Sentianivka							
(formerly							
Frunze, non-							31-Mar, 11:25-
government-	5-7km NW	Heard	1	Explosion	Undetermined	N/K	11:26
controlled,							11.20
44km W of							
Luhansk)							
Berezivske							
(non-							
government-	7-9km ENE	Heard	63	Downst		HMG	31-Mar, 11:57-
controlled,	7-9KM ENE	Heard	03	Burst		HMG	12:11
53km NW of							
Luhansk)							
S edge of							
Zolote-							
5/Mykhailivka					Assessed as		
(non-	1 1 51 3777			GI .	outside the	Small	21.14 12.22
government-	1-1.5km NW	Heard	4	Shot	disengagement	arms	31-Mar, 12:33
controlled,					area		
58km W of							
Luhansk)							

## 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).