

## Северо-Восток России и Чукотка ( $M \geq 2.3$ )

по данным МФ ФИЦ ЕГС РАН (NEGSR) [1, 2]

*Е.И. Алёшина (отв. сост.); А.Г. Чернецова, Ю.В. Габдрахманова, А.П. Бугаева*

МФ ФИЦ ЕГС РАН, г. Магадан

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_P$	$K_S$	$M$	Код сети	$I$	
	год	м	д	ч	мин	с		$\varphi$ , °N	$\delta\varphi$ , °	$\lambda$ , °E	$\delta\lambda$ , °	$h$ , км						$\delta h$ , км
1	2020	1	3	17	23	14.9	0.5	62.28	0.07	153.51	0.03	33	f	8.1		2.3	NEGSR	
2	2020	1	4	22	5	34.1	1.0	64.42	0.10	153.01	0.03	21	6	8.6		2.6	NEGSR	
3	2020	1	12	10	50	20.7	1.2	57.51	0.10	150.76	0.07	29	9	9.7		3.2	NEGSR	
4	2020	1	17	8	7	7.2	1.7	62.57	0.09	157.41	0.07	33	f	8.3		2.4	NEGSR	
5	2020	1	23	13	25	8.3	1.8	66.21	0.30	-176.80	0.07	33	f	9.0		2.8	NEGSR	
6	2020	1	29	18	5	36.9	0.6	62.12	0.03	153.66	0.02	21	17	8.1		2.3	NEGSR	
7	2020	2	9	9	1	36.6	1.0	61.00	0.06	157.95	0.05	9	6	9.0		2.8	NEGSR	
8	2020	2	12	0	57	42.8	0.6	59.62	0.05	151.72	0.02	4	12	8.2		2.3	NEGSR	
9	2020	2	27	6	24	24.1	0.8	62.84	0.09	158.59	0.04	0	f	9.8		3.2	NEGSR	
10	2020	2	29	19	53	45.8	1.4	66.16	0.29	-170.84	0.08	0	f	9.7		3.2	NEGSR	
11	2020	3	1	17	19	59.3	0.3	61.98	0.04	151.75	0.02	0	f	9.4		3.0	NEGSR	
12	2020	3	7	15	4	44.2	1.7	65.63	0.16	-173.05	0.09	0	f	9.9		3.3	NEGSR	
13	2020	3	9	18	20	27.3	1.7	65.70	0.15	-172.91	0.07	33	f	9.4		3.0	NEGSR	
14	2020	3	17	7	15	55.4	1.1	61.52	0.05	145.27	0.05	17	10	8.7		2.6	NEGSR	
15	2020	3	18	17	26	37.6	0.7	62.21	0.03	157.27	0.03	2	3	10.5		3.6	NEGSR	
16	2020	3	19	9	42	25.3	1.7	61.39	0.11	141.59	0.08	16	11	10.8		3.8	NEGSR	
17	2020	3	21	6	39	33.7	0.3	62.36	0.01	145.29	0.01	0	f	8.2		2.3	NEGSR	
18	2020	4	13	20	3	33.1	0.6	66.26	0.08	-175.13	0.02	0	f	9.3		2.9	NEGSR	
19	2020	4	15	20	40	16.8	0.6	61.44	0.05	154.99	0.03	5	5	8.3		2.4	NEGSR	
20	2020	4	18	6	53	11.3	0.5	60.04	0.07	141.30	0.02	8	10	9.2		2.9	NEGSR	
21	2020	4	25	23	56	14.5	0.1	62.385		175.644	0.01	19	0.4		10.6	4.0	KAGSR	
22	2020	4	27	3	24	58.9	0.3	66.37	0.04	-174.93	0.01	33	f	10.9		3.8	NEGSR	
23	2020	4	30	3	51	55.3	0.9	66.31	0.12	-174.86	0.05	0	f	10.3		3.5	NEGSR	
24	2020	5	2	12	47	37.2	0.5	66.45	0.06	-173.76	0.02	33	f	10.9		3.8	NEGSR	
25	2020	5	3	22	58	34.4	0.3	61.71	0.03	149.41	0.02	6	5	9.4		3.0	NEGSR	
26	2020	5	7	0	36	10.5	0.5	61.42	0.03	154.31	0.02	17	15	8.2		2.3	NEGSR	
27	2020	5	9	12	45	58.8	0.7	59.30	0.05	153.72	0.02	3	5	8.9		2.7	NEGSR	
28	2020	5	13	7	35	30.9	0.3	66.10	0.06	-176.00	0.02	0	f	11.1		3.9	NEGSR	
29	2020	5	17	12	51	41.8	1.4	59.52	0.12	148.21	0.06	25	9	8.6		2.6	NEGSR	
30	2020	5	20	1	0	35.4	0.7	63.52	0.07	151.62	0.02	33	f	8.2		2.3	NEGSR	
31	2020	5	24	3	2	22.8	0.7	66.12	0.13	-175.69	0.03	0	f	11.4		4.1	NEGSR	
32	2020	5	30	15	3	5.8	0.5	63.36	0.06	150.79	0.02	17	4	9.6		3.1	NEGSR	
33	2020	6	7	21	12	42.2	1.2	58.94	0.09	143.54	0.04	12	6	9.4		3.0	NEGSR	
34	2020	6	12	2	27	56.9	0.6	62.19	0.05	156.87	0.03	33	f	8.8		2.7	NEGSR	
35	2020	6	12	6	31	19.0	0.9	62.26	0.05	156.67	0.04	33	f	8.2		2.3	NEGSR	
36	2020	6	18	12	42	25.6	0.8	59.99	0.05	152.87	0.04	0	f	8.3		2.4	NEGSR	
37	2020	6	26	6	46	59.4	1.0	63.33	0.12	146.02	0.04	19	7	8.1		2.3	NEGSR	
38	2020	6	29	9	36	45.4	0.6	66.34	0.08	-174.47	0.02	0	f	10.3		3.5	NEGSR	
39	2020	6	29	9	39	5.5	1.2	66.20	0.15	-174.49	0.05	33	f	9.9		3.3	NEGSR	
40	2020	6	29	21	56	33.8	1.0	66.15	0.14	-174.11	0.04	20	9	10.0		3.3	NEGSR	
41	2020	7	1	6	35	42.5	0.7	66.16	0.12	-175.75	0.03	0	f	10.5		3.6	NEGSR	
42	2020	7	9	8	41	57.4	1.2	59.84	0.08	146.33	0.05	13	6	8.4		2.4	NEGSR	
43	2020	7	20	20	20	12.0	0.3	62.10	0.04	153.71	0.02	26	5	9.1		2.8	NEGSR	
44	2020	7	21	21	19	38.6	1.3	66.37	0.14	-173.73	0.05	3	6	11.3		4.1	NEGSR	
45	2020	7	21	21	22	24.0	0.9	66.35	0.10	-173.88	0.04	0	f	10.3		3.5	NEGSR	
46	2020	7	22	19	3	57.4	2.5	66.45	0.37	-174.99	0.10	0	f	10.2		3.4	NEGSR	
47	2020	7	23	5	30	16.7	0.9	63.80	0.10	149.63	0.03	33	f	10.2		3.4	NEGSR	
48	2020	7	23	15	41	27.3	1.3	63.91	0.14	149.65	0.04	33	f	8.8		2.7	NEGSR	
49	2020	7	26	8	27	8.0	1.1	61.14	0.05	145.89	0.06	4	6	9.1		2.8	NEGSR	
50	2020	8	6	20	55	42.9	1.9	59.70	0.12	145.59	0.07	33	f	8.1		2.3	NEGSR	
51	2020	8	7	22	12	57.5	0.7	62.20	0.04	145.25	0.04	21	5	10.4		3.6	NEGSR	
52	2020	8	11	15	7	28.4	1.0	59.65	0.09	144.86	0.04	0	f	8.3		2.4	NEGSR	

№	Дата, год м д			Время, $t_0$ , ч мин с			$\delta t_0$ , с	Гипоцентр					$K_p$	$K_s$	$M$	Код сети	$I$	
								$\varphi$ , °N	$\delta\varphi$ , °	$\lambda$ , °E	$\delta\lambda$ , °	$h$ , км						$\delta h$ , км
53	2020	8	11	15	38	5.2	1.5	59.55	0.10	144.79	0.06	10	7	9.0		2.8	NEGSR	
54	2020	8	14	3	17	34.7	0.4	61.75	0.02	145.96	0.02	6	2	10.3		3.5	NEGSR	
55	2020	8	24	9	47	45.2	1.0	59.91	0.07	141.59	0.04	22	7	10.4		3.6	NEGSR	
56	2020	8	27	6	14	49.4	0.3	62.90	0.03	150.98	0.01	33	f	8.8		2.7	NEGSR	
57	2020	8	31	9	7	3.9	0.4	61.91	0.04	153.66	0.03	6	5	9.4		3.0	NEGSR	
58	2020	9	1	6	42	16.4	2.4	59.25	0.17	158.33	0.08	33	f	8.3		2.4	NEGSR	
59	2020	9	1	18	9	46.4	1.3	59.06	0.11	158.46	0.06	25	10	9.4		3.0	NEGSR	
60	2020	9	4	5	4	58.7	2.5	59.98	0.14	157.68	0.08	0	f	8.3		2.4	NEGSR	
61	2020	9	10	20	24	46.2	1.2	67.12	0.16	-174.92	0.05	0	f	10.2		3.4	NEGSR	
62	2020	9	11	6	21	38.3	0.7	63.31	0.08	157.86	0.04	33	f	11.1		3.9	NEGSR	
63	2020	9	11	13	21	40.1	1.0	63.38	0.09	158.28	0.04	33	f	8.1		2.3	NEGSR	
64	2020	9	11	13	23	34.2	1.0	63.38	0.08	157.97	0.04	33	f	8.8		2.7	NEGSR	
65	2020	9	15	13	16	39.0	0.8	61.95	0.04	156.22	0.04	0	f	8.7		2.6	NEGSR	
66	2020	9	15	17	6	56.1	0.8	61.97	0.04	156.11	0.04	0	f	9.7		3.2	NEGSR	
67	2020	9	18	4	8	17.1	0.8	62.50	0.06	158.47	0.03	7	3	8.6		2.6	NEGSR	
68	2020	9	21	4	28	18.2	0.3	63.37	0.04	150.38	0.01	1	3	9.5		3.1	NEGSR	
69	2020	9	21	12	2	59.4	0.5	60.78	0.03	153.56	0.03	4	4	8.6		2.6	NEGSR	
70	2020	9	21	23	2	56.3	1.9	59.52	0.11	156.66	0.07	33	f	8.3		2.4	NEGSR	
71	2020	9	25	3	18	18.5	0.2	63.24	0.02	150.23	0.01	10	11	8.4		2.4	NEGSR	
72	2020	9	29	17	57	2.6	1.1	61.22	0.06	157.81	0.05	0	f	8.1		2.3	NEGSR	
73	2020	10	6	11	24	23.5	0.2	61.25	0.02	153.83	0.01	0	f	9.2		2.9	NEGSR	
74	2020	10	9	20	40	45.3	0.8	59.92	0.05	152.71	0.04	0	f	8.5		2.5	NEGSR	
75	2020	10	16	19	55	20.5	0.3	62.63	0.04	149.14	0.02	15	4	8.6		2.6	NEGSR	
76	2020	10	17	12	3	8.5	0.5	63.23	0.06	149.81	0.02	26	6	9.4		3.0	NEGSR	
77	2020	10	19	3	54	15.5	1.1	59.08	0.09	152.44	0.04	20	11	8.6		2.6	NEGSR	
78	2020	10	28	10	39	12.8	0.2	64.60	0.01	-172.80	0.01	10	f	10.0		3.3	NEGSR	
79	2020	11	1	11	44	42.5	1.2	65.47	0.09	-168.25	0.05	14	7	12.2		4.6	NEGSR	
80	2020	11	1	14	40	2.2	0.8	63.67	0.10	152.64	0.02	32	20	8.2		2.3	NEGSR	
81	2020	11	2	19	24	12.7	1.5	58.73	0.11	151.49	0.05	33	f	8.1		2.3	NEGSR	
82	2020	11	8	7	2	24.5	0.4	59.31	0.04	152.17	0.01	3	2	11.2		4.0	NEGSR	1
83	2020	11	10	19	26	22.4	0.4	65.80	0.11	172.96	0.03	31	9	9.7		3.2	NEGSR	
84	2020	11	14	19	23	53.3	0.9	59.02	0.07	152.58	0.03	0	f	8.8		2.7	NEGSR	
85	2020	11	17	19	17	11.8	1.1	60.30	0.07	158.03	0.05	8	6	9.4		3.0	NEGSR	
86	2020	11	22	15	21	39.0	1.7	63.56	0.10	145.56	0.08	23	11	8.1		2.3	NEGSR	
87	2020	11	27	13	0	24.4	0.9	63.49	0.06	145.71	0.03	10	4	8.3		2.4	NEGSR	
88	2020	11	28	10	38	54.3	1.1	59.30	0.09	152.21	0.05	20	17	8.4		2.4	NEGSR	
89	2020	12	5	4	47	19.7	0.8	69.73	0.12	176.17	0.02	14	4	9.6		3.1	NEGSR	
90	2020	12	9	5	24	27.8	1.3	61.93	0.07	143.58	0.05	0	f	8.3		2.4	NEGSR	
91	2020	12	11	5	22	43.4	0.3	59.90	0.02	151.69	0.01	26	4	8.4		2.4	NEGSR	
92	2020	12	13	21	22	52.4	0.3	61.74	0.04	156.61	0.01	5	4	8.6		2.6	NEGSR	
93	2020	12	23	12	16	20.8	1.6	66.89	0.16	-173.03	0.06	7	7	10.1		3.4	NEGSR	
94	2020	12	26	13	22	30.4	1.9	65.12	0.20	-173.13	0.09	13	13	11.4		4.1	NEGSR	
95	2020	12	26	14	1	0.9	0.6	64.98	0.11	-173.51	0.04	25	5	10.9		3.8	NEGSR	

## Литература

1. *2020-ER\_App15\_North-East-region-of-Russia.xls* [Электронный ресурс]: Список приложений для ежегодника «Землетрясения России в 2020 году» // Землетрясения России [сайт]. – [Обнинск: ФИЦ ЕГС РАН, 2022]. Систем. требования: MS Excel, Open Office. – URL: [http://www.gsras.ru/zr/app\\_20.html](http://www.gsras.ru/zr/app_20.html), свободный.

2. *Алёшина Е.И., Курткин С.В.* Результаты сейсмического мониторинга различных регионов России. Северо-Восток России и Чукотка // Землетрясения России в 2020 году. – Обнинск: ФИЦ ЕГС РАН, 2022. – С. 68–72.

<sup>1</sup> Магадан (80 км) – 2 балла.