

Северо-Восток России и Чукотка ($M \geq 1.8$)

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

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

МФ ФИЦ ЕГС РАН, г. Магадан

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр						K_p	Магнитуды			Код сети	I
	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км	δh , км		MPSP GSRAS	MS GSRAS	M		
1	2017	1	4	6	14	50.6	0.2	61.95	0.01	155.01	0.01	7	2	10.4			3.6	NEGSR	
2	2017	1	4	22	13	2.9	0.7	59.88	0.02	153.12	0.03	33	f	7.9			2.2	NEGSR	
3	2017	1	7	16	6	40.1	2.0	59.33	0.07	145.43	0.08	9	14	8.1			2.3	NEGSR	
4	2017	1	11	6	43	5.3	1.4	63.04	0.04	145.48	0.06	12	7	7.8			2.1	NEGSR	
5	2017	1	12	4	57	31.7	0.6	61.97	0.04	156.90	0.03	17	9	8.7			2.6	NEGSR	
6	2017	1	13	12	45	25.0	1.8	60.19	0.08	143.21	0.08	0	f	9.2			2.9	NEGSR	
7	2017	1	14	21	26	9.5	0.3	60.35	0.02	150.59	0.03	7	6	7.9			2.2	NEGSR	
8	2017	1	15	11	56	16.0	0.7	62.01	0.02	147.97	0.05	20	9	7.6			2.0	NEGSR	
9	2017	1	18	1	13	6.9	0.7	63.51	0.57	150.16	0.02	33	f	7.3			1.8	NEGSR	
10	2017	1	23	15	43	48.7	1.0	61.72	0.02	145.65	0.05	0	f	7.5			1.9	NEGSR	
11	2017	2	5	3	4	19.6	0.5	60.08	0.03	150.72	0.04	2	8	9.5			3.1	NEGSR	
12	2017	2	6	8	0	56.7	0.9	59.48	0.04	148.28	0.04	33	f	8.6			2.6	NEGSR	
13	2017	2	6	11	55	53.0	2.7	63.08	0.08	145.41	0.11	17	12	7.8			2.1	NEGSR	
14	2017	2	6	14	16	40.0	1.5	59.35	0.06	148.17	0.05	33	f	7.2			1.8	NEGSR	
15	2017	2	9	12	33	15.8	0.9	59.24	0.04	152.26	0.03	33	f	7.7			2.1	NEGSR	
16	2017	2	9	21	24	35.8	1.4	63.96	0.06	149.43	0.04	12	8	8.1			2.3	NEGSR	
17	2017	2	11	19	11	37.3	0.6	62.78	0.04	148.64	0.03	0	f	9.0			2.8	NEGSR	
18	2017	2	14	11	38	11.5	3.0	61.90	0.08	142.56	0.13	5	13	8.2			2.3	NEGSR	
19	2017	2	16	3	8	3.4	1.3	62.91	0.05	147.76	0.06	0	f	8.6			2.6	NEGSR	
20	2017	2	18	15	35	48.0	0.7	63.40	0.04	150.57	0.02	0	f	9.0			2.8	NEGSR	
21	2017	2	27	11	53	46.8	0.4	60.20	0.02	151.96	0.03	33	f	7.3			1.8	NEGSR	
22	2017	2	27	12	37	43.3	0.6	62.18	0.04	154.11	0.03	10	11	8.1			2.3	NEGSR	
23	2017	2	27	13	37	18.2	1.6	58.82	0.07	151.09	0.06	33	f	7.7			2.1	NEGSR	
24	2017	2	27	14	36	26.8	0.4	60.21	0.02	151.89	0.03	33	f	7.2			1.8	NEGSR	
25	2017	3	4	5	42	8.2	0.6	57.65	0.04	142.90	0.03	33	f	10.2			3.4	NEGSR	
26	2017	3	7	3	34	24.2	2.1	60.55	0.06	146.38	0.10	33	f	7.2			1.8	NEGSR	
27	2017	3	10	9	11	57.6	1.7	59.18	0.07	146.47	0.06	0	f	7.4			1.9	NEGSR	
28	2017	3	10	17	28	0.0	0.5	62.29	0.04	157.19	0.02	33	f	7.4			1.9	NEGSR	
29	2017	3	10	22	32	42.1	0.5	61.41	0.01	147.68	0.03	33	f	7.4			1.9	NEGSR	
30	2017	3	11	8	22	43.7	0.2	64.74	0.01	157.10	0.01	12	2	11.2			4.0	NEGSR	
31	2017	3	11	19	9	10.2	0.9	62.94	0.06	157.20	0.03	33	f	8.1			2.3	NEGSR	
32	2017	3	17	7	59	30.3	0.4	62.02	0.06	156.97	0.02	33	f	7.3			1.8	NEGSR	
33	2017	3	18	9	12	51.1	0.7	62.76	0.03	152.15	0.02	24	9	8.4			2.4	NEGSR	
34	2017	3	19	10	35	10.4	0.3	61.96	0.03	156.94	0.02	0	f	9.3			2.9	NEGSR	
35	2017	3	19	12	22	36.0	0.1	62.04	0.02	156.96	0.01	0	f	8.3			2.4	NEGSR	
36	2017	3	19	18	19	34.9	0.3	62.04	0.03	156.87	0.01	0	f	7.3			1.8	NEGSR	
37	2017	3	21	20	1	12.1	2.4	60.07	0.08	143.69	0.08	0	f	7.9			2.2	NEGSR	
38	2017	3	22	9	4	52	1	65.18	0.10	-169.05	0.21	15			4.6	3.7	3.7	GSRAS	
39	2017	3	22	12	8	28.7	0.4	61.45	0.02	148.66	0.03	33	f	8.2			2.3	NEGSR	
40	2017	3	23	0	10	31.3	0.7	62.14	0.07	156.86	0.03	0	f	7.8			2.1	NEGSR	
41	2017	3	26	17	49	17.6	0.4	62.02	0.03	154.16	0.02	0	f	8.1			2.3	NEGSR	
42	2017	3	28	4	44	43.9	0.1	62.27	0.00	153.72	0.01	33	f	7.3			1.8	NEGSR	
43	2017	3	28	8	5	42.8	1.2	60.90	0.03	145.13	0.05	0	f	8.1			2.3	NEGSR	
44	2017	3	28	17	9	52.5	0.2	64.32	0.01	153.60	0.01	22	1	7.4			1.9	NEGSR	
45	2017	4	4	15	52	36.8	1.2	61.72	0.03	141.39	0.05	14	5	8.1			2.3	NEGSR	
46	2017	4	4	16	53	55.5	1.2	60.90	0.03	145.99	0.06	3	8	9.0			2.8	NEGSR	
47	2017	4	5	0	8	30.8	0.7	59.56	0.02	150.28	0.03	11	13	8.4			2.4	NEGSR	
48	2017	4	5	20	32	10.4	0.6	60.01	0.02	152.87	0.04	22	8	7.3			1.8	NEGSR	
49	2017	4	10	0	2	56.3	1.7	63.04	0.06	145.71	0.08	0	f	8.1			2.3	NEGSR	
50	2017	4	10	4	58	43.9	0.4	62.78	0.02	148.80	0.02	0	f	7.3			1.8	NEGSR	
51	2017	4	15	7	19	41.9	0.6	62.48	0.04	156.36	0.02	2	5	8.8			2.7	NEGSR	
52	2017	4	27	7	8	52.9	0.7	61.98	0.05	156.11	0.03	33	f	7.7			2.1	NEGSR	
53	2017	5	2	10	36	29.8	1.0	59.43	0.03	148.11	0.04	27	8	7.6			2.0	NEGSR	
54	2017	5	10	10	28	4.0	0.8	63.57	0.04	151.83	0.02	5	10	9.2			2.9	NEGSR	

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	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км	δh , км		M_{GSRAS}	MS_{GSRAS}	M		
55	2017	5	12	8	44	23.2	0.4	63.36	0.02	152.72	0.01	19	4	9.2		2.9	NEGSR		
56	2017	5	15	23	12	57.0	0.2	60.39	0.00	151.74	0.01	0	f	7.2		1.8	NEGSR		
57	2017	5	19	0	52	22.4	0.2	60.54	0.01	150.18	0.01	0	f	7.5		1.9	NEGSR		
58	2017	5	20	6	23	18.2	2.9	62.96	0.11	179.72	0.08	28	19	11.8		4.3	NEGSR	1	
59	2017	5	20	6	28	33.4	8.2	62.65	0.29	179.46	0.24	0	f	10.9		3.8	NEGSR	2	
60	2017	5	23	16	24	33.2	0.5	60.06	0.03	152.77	0.03	0	f	8.0		2.2	NEGSR		
61	2017	5	24	6	23	3.4	1.1	58.46	0.05	148.32	0.04	19	8	9.0		2.8	NEGSR		
62	2017	5	27	6	17	47.8	0.3	62.03	0.02	154.15	0.02	10	4	8.9		2.7	NEGSR		
63	2017	5	27	10	22	52.1	0.7	63.87	0.03	151.63	0.02	15	4	7.3		1.8	NEGSR		
64	2017	6	3	8	23	50.3	0.3	62.46	0.03	156.35	0.01	5	4	8.3		2.4	NEGSR		
65	2017	6	3	18	22	52.0	0.2	62.88	0.02	150.81	0.01	10	4	7.4		1.9	NEGSR		
66	2017	6	7	12	11	39.3	0.4	60.58	0.01	154.01	0.02	33	f	7.3		1.8	NEGSR		
67	2017	6	12	18	20	44.3	3.3	58.35	0.09	143.04	0.10	14	14	11.2		4.0	NEGSR		
68	2017	6	15	5	53	54.6	0.3	60.78	0.01	151.17	0.02	0	f	9.5		3.1	NEGSR		
69	2017	6	15	20	52	7.2	0.2	60.78	0.01	151.14	0.02	0	f	8.1		2.3	NEGSR		
70	2017	6	15	23	46	21.7	0.3	60.34	0.02	150.80	0.02	1	6	9.6		3.1	NEGSR		
71	2017	6	16	2	46	10.6	0.1	60.33	0.01	150.67	0.01	0	f	7.3		1.8	NEGSR		
72	2017	6	19	3	42	42.2	0.9	59.30	0.04	149.09	0.03	33	f	8.5		2.5	NEGSR		
73	2017	6	19	12	32	22.5	0.9	61.24	0.04	158.93	0.03	0	f	8.5		2.5	NEGSR		
74	2017	6	19	12	33	18.8	0.8	61.19	0.03	158.94	0.03	0	f	8.8		2.7	NEGSR		
75	2017	6	19	22	28	37.3	0.4	61.87	0.02	148.95	0.02	0	f	7.8		2.1	NEGSR		
76	2017	6	20	13	36	43.5	0.5	63.63	0.03	157.02	0.01	10	4	7.9		2.2	NEGSR		
77	2017	6	27	15	45	0.0	1.3	64.27	0.06	153.11	0.04	18	10	7.6		2.0	NEGSR		
78	2017	6	28	12	12	1.0	0.2	63.20	0.01	149.71	0.00	0	f	7.8		2.1	NEGSR		
79	2017	6	30	13	21	52.4	1.4	59.80	0.05	145.59	0.05	33	f	7.5		1.9	NEGSR		
80	2017	7	3	22	6	3.2	0.3	62.85	0.08	154.20	0.02	33	f	7.6		2.0	NEGSR		
81	2017	7	8	12	31	0.2	1.7	63.00	0.06	161.43	0.07	0	f	8.5		2.5	NEGSR		
82	2017	7	8	16	52	46.7	0.6	58.33	0.04	148.54	0.06	14	3	7.4		1.9	NEGSR		
83	2017	7	10	7	7	3.0	0.3	61.84	0.02	153.72	0.02	33	f	7.9		2.2	NEGSR		
84	2017	7	10	8	17	19.0	2.8	60.72	0.09	144.74	0.11	0	f	7.7		2.1	NEGSR		
85	2017	7	14	2	39	18.9	0.9	62.28	0.02	153.32	0.04	22	15	7.3		1.8	NEGSR		
86	2017	7	18	19	36	41.6	1.0	64.29	0.04	153.61	0.03	28	7	7.4		1.9	NEGSR		
87	2017	7	20	14	3	57.2	0.4	61.31	0.02	155.31	0.02	18	7	7.9		2.2	NEGSR		
88	2017	7	27	20	20	18.0	0.6	61.05	0.03	156.68	0.03	0	f	8.1		2.3	NEGSR		
89	2017	7	28	6	59	54.9	1.0	60.69	0.04	142.73	0.04	7	5	9.2		2.9	NEGSR		
90	2017	7	28	14	29	2.1	1.9	63.60	0.06	146.69	0.08	10	9	8.8		2.7	NEGSR		
91	2017	8	2	10	40	6.0	0.4	60.00	0.01	149.71	0.02	11	22	7.3		1.8	NEGSR		
92	2017	8	3	2	26	21.7	0.3	62.95	0.02	153.19	0.01	9	3	8.5		2.5	NEGSR		
93	2017	8	4	20	39	39.6	0.6	62.74	0.02	147.52	0.03	14	3	8.9		2.7	NEGSR		
94	2017	8	6	13	6	19.3	0.7	63.34	0.02	148.15	0.03	0	f	8.1		2.3	NEGSR		
95	2017	8	11	1	10	29.9	0.6	60.93	0.02	152.39	0.04	11	12	7.7		2.1	NEGSR		
96	2017	8	19	15	3	51.5	4.2	63.31	0.14	179.94	0.13	33	f	12.1		4.5	NEGSR		
97	2017	8	20	20	5	45.1	1.8	63.50	0.09	146.35	0.08	23	13	7.7		2.1	NEGSR		
98	2017	8	21	8	41	38.6	1.8	61.58	0.07	148.08	0.06	33	f	7.3		1.8	NEGSR		
99	2017	8	21	20	52	20.7	3.8	63.73	0.31	-178.18	0.13	0	f	12.4		4.7	NEGSR		
100	2017	8	28	8	39	35.1	1.4	64.03	0.07	153.23	0.05	24	13	7.5		1.9	NEGSR		
101	2017	8	30	13	46	54.2	0.8	63.17	0.03	146.15	0.04	29	6	7.3		1.8	NEGSR		
102	2017	8	30	13	55	21.5	0.9	63.12	0.05	146.02	0.05	23	6	7.3		1.8	NEGSR		
103	2017	9	1	21	7	41.0	0.8	58.12	0.04	153.14	0.02	14	3	12.1		4.5	NEGSR		
104	2017	9	1	23	48	39.3	1.7	58.02	0.06	152.98	0.07	33	f	7.5		1.9	NEGSR		
105	2017	9	6	1	19	54.6	1.7	59.57	0.07	146.96	0.08	4	11	7.6		2.0	NEGSR		
106	2017	9	6	13	46	25.9	0.3	62.24	0.03	158.26	0.02	0	f	8.2		2.3	NEGSR		
107	2017	9	10	3	24	45.2	1.3	67.47	0.09	-174.04	0.06	0	f	11.9		4.4	NEGSR		
108	2017	9	10	4	54	23.5	1.3	67.58	0.07	-174.64	0.05	0	f	11.4		4.1	NEGSR		
109	2017	9	11	11	7	5.7	0.9	63.02	0.03	146.77	0.04	10	5	7.9		2.2	NEGSR		
110	2017	9	11	14	36	33.1	0.8	63.90	0.04	154.21	0.02	10	6	8.1		2.3	NEGSR		
111	2017	9	13	8	38	13.1	0.2	62.88	0.02	156.71	0.01	0	f	7.3		1.8	NEGSR		
112	2017	9	19	7	29	54.6	0.4	62.65	0.03	158.74	0.02	33	f	8.1		2.3	NEGSR		
113	2017	9	21	2	35	46.0	0.9	59.09	0.03	152.67	0.03	33	f	7.6		2.0	NEGSR		
114	2017	9	22	12	49	32.7	0.3	62.47	0.02	154.89	0.01	2	5	8.4		2.4	NEGSR		
115	2017	9	24	7	59	3.5	0.6	61.76	0.01	146.14	0.03	0	f	7.7		2.1	NEGSR		
116	2017	10	1	3	24	46.5	1.9	60.81	0.06	158.47	0.08	0	f	8.2		2.3	NEGSR		
117	2017	10	2	1	53	58.5	0.4	63.23	0.02	146.15	0.02	0	f	7.5		1.9	NEGSR		
118	2017	10	2	23	39	14.4	0.3	63.34	0.02	149.80	0.01	33	f	8.7		2.6	NEGSR		

¹ Беринговский (24 км) – 4 балла.² Беринговский (48 км) – 3 балла.

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	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км	δh , км		M_{PSP} GSRAS	M_S GSRAS	M		
119	2017	10	3	19	26	29.7	0.5	60.07	0.02	153.16	0.03	33	f	7.7			2.1	NEGSR	
120	2017	10	6	5	28	6.0	1.3	57.44	0.06	153.07	0.05	28	10	8.2			2.3	NEGSR	
121	2017	10	7	12	40	31.6	1.4	63.05	0.04	146.52	0.07	33	f	7.6			2.0	NEGSR	
122	2017	10	8	11	57	46.2	0.7	60.07	0.02	153.40	0.03	33	f	7.7			2.1	NEGSR	
123	2017	10	8	17	21	37.4	1.6	61.94	0.03	145.63	0.07	0	f	7.9			2.2	NEGSR	
124	2017	10	15	11	24	45.5	0.6	59.98	0.02	152.57	0.03	20	12	7.6			2.0	NEGSR	
125	2017	10	16	13	54	37	1.5	63.16	0.07	-172.21	0.12	14			4.8	4.0	4.0	GSRAS	
126	2017	10	23	18	50	2.4	1.1	64.72	0.09	-172.82	0.14	10			4.7		3.8	GSRAS	
127	2017	10	26	11	46	39.4	0.4	64.16	0.02	153.16	0.01	11	10	7.6			2.0	NEGSR	
128	2017	10	27	13	36	54.0	1.2	61.91	0.02	145.66	0.05	33	f	7.3			1.8	NEGSR	
129	2017	10	28	14	45	3.2	1.5	62.00	0.05	161.85	0.06	7	7	9.3			2.9	NEGSR	
130	2017	10	30	19	37	46.8	1.3	59.43	0.05	142.61	0.05	33	f	8.1			2.3	NEGSR	
131	2017	11	4	1	17	43.8	0.2	62.12	0.02	156.61	0.01	0	f	7.6			2.0	NEGSR	
132	2017	11	5	17	32	57.6	1.3	65.15	0.30	-173.12	0.06	0	f	12.7			4.8	NEGSR	
133	2017	11	7	20	55	22.7	0.6	61.52	0.01	144.64	0.03	8	3	10.0			3.3	NEGSR	
134	2017	11	8	1	33	45.8	0.1	61.63	0.00	144.37	0.00	0	f	7.3			1.8	NEGSR	
135	2017	11	17	2	30	52.1	0.8	62.16	0.04	159.13	0.03	0	f	8.1			2.3	NEGSR	
136	2017	11	20	12	15	47.6	0.9	61.70	0.02	145.86	0.04	0	f	7.5			1.9	NEGSR	
137	2017	11	21	2	57	52.9	0.4	61.80	0.03	157.10	0.02	0	f	8.5			2.5	NEGSR	
138	2017	11	21	3	32	55.2	0.3	63.32	0.02	158.32	0.02	33	f	9.0			2.8	NEGSR	
139	2017	11	29	23	6	22.6	0.7	60.86	0.02	145.61	0.03	0	f	7.5			1.9	NEGSR	
140	2017	12	3	12	19	31.3	0.2	60.10	0.01	151.02	0.02	4	3	7.6			2.0	NEGSR	
141	2017	12	8	0	16	23.6	0.4	62.50	0.04	154.88	0.02	0	f	7.3			1.8	NEGSR	
142	2017	12	10	0	31	22.4	0.2	63.18	0.01	149.97	0.01	0	f	7.3			1.8	NEGSR	
143	2017	12	10	12	41	0.0	0.6	63.52	0.03	150.33	0.02	0	f	8.2			2.3	NEGSR	
144	2017	12	11	16	39	32.5	1.2	62.15	0.05	157.17	0.05	0	f	7.4			1.9	NEGSR	
145	2017	12	13	15	28	23.8	0.6	60.06	0.02	153.00	0.03	10	5	7.5			1.9	NEGSR	
146	2017	12	17	10	46	13.9	0.1	63.17	0.00	145.62	0.00	0	f	7.3			1.8	NEGSR	
147	2017	12	18	18	1	19.4	1.8	59.66	0.05	146.74	0.07	33	f	7.4			1.9	NEGSR	
148	2017	12	19	2	30	14.6	0.4	60.28	0.02	152.19	0.02	0	f	8.8			2.7	NEGSR	
149	2017	12	19	13	31	40.5	0.6	60.14	0.02	152.09	0.03	0	f	7.8			2.1	NEGSR	
150	2017	12	19	13	31	45.7	0.2	60.21	0.01	152.16	0.01	12	9	7.4			1.9	NEGSR	
151	2017	12	19	14	45	53.0	1.4	61.86	0.11	157.51	0.05	30	9	7.7			2.1	NEGSR	
152	2017	12	19	18	18	58.8	1.0	63.15	0.03	145.98	0.04	13	5	8.1			2.3	NEGSR	
153	2017	12	20	12	23	39.1	0.7	60.07	0.02	153.07	0.03	0	f	7.6			2.0	NEGSR	
154	2017	12	21	1	30	37.8	1.7	61.94	0.10	154.22	0.04	0	f	7.2			1.8	NEGSR	
155	2017	12	21	19	20	40.6	0.7	62.43	0.06	153.49	0.02	0	f	7.2			1.8	NEGSR	
156	2017	12	21	20	23	14.6	0.2	62.47	0.01	153.47	0.01	8	4	7.7			2.1	NEGSR	
157	2017	12	25	3	26	1.7	0.2	61.98	0.01	154.01	0.01	8	3	8.0			2.2	NEGSR	
158	2017	12	26	1	2	13.4	0.2	60.83	0.00	145.20	0.01	33	f	7.4			1.9	NEGSR	
159	2017	12	27	6	5	39.2	2.1	65.05	0.09	160.50	0.06	3	10	9.4			3.0	NEGSR	
160	2017	12	28	8	43	43.7	0.9	59.12	0.04	150.99	0.03	33	f	7.9			2.2	NEGSR	

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