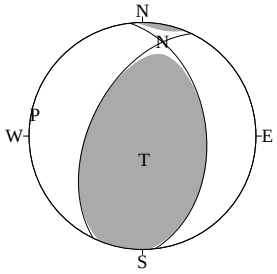
CMT SOLUTIONS FOR EARTHQUAKES IN OCTOBER, 2020

2020/10/03 18:31:32.4
E OFF HACHIJOJIMA ISLAND
Hypo.:33°32.0'N 141° 2.5'E 48km

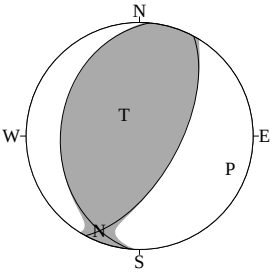


Cent.:33°38.2'N 141° 2.4'E 39km Δt= 7.2
Mo: 7.80x10^{17}N·m Mw:5.9 Mj:5.8 (sec)
mrr: 7.15 mtt: 0.17 mff:-7.32
mrt:-2.38 mrf:-0.69 mtf:-1.30 (x10^{17}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	354°	43°	66°	P-axis:	-7.60	281°	4°
NP2:	206°	52°	111°	T-axis:	7.90	176°	73°
				N-axis:	-0.30	12°	16°

V.R.: 84% ε: 0.03 N:28 COMP:63

2020/10/03 21:26:27.5
NEAR AMAMI-OSHIMA ISLAND
Hypo.:29°50.1'N 130°44.2'E 32km

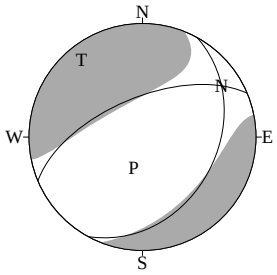


Cent.:29°38.1'N 130°45.5'E 39km Δt=-2.1
Mo: 6.95x10^{16}N·m Mw:5.2 Mj:5.1 (sec)
mrr: 5.65 mtt:-0.13 mff:-5.52
mrt: 2.31 mrf: 2.91 mtf:-1.81 (x10^{16}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	29°	61°	102°	P-axis:	-7.03	110°	16°
NP2:	185°	31°	69°	T-axis:	6.86	325°	71°
				N-axis:	0.18	203°	10°

V.R.: 73% ε:-0.02 N:30 COMP:58

2020/10/06 15:27:35.4
SOUTHERN IWATE PREF
Hypo.:39°23.1'N 141°54.8'E 94km

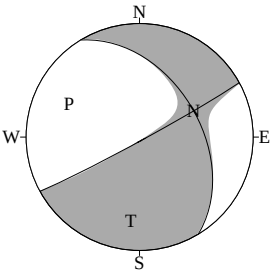


Cent.:39°26.2'N 141°54.7'E 94km Δt= 0.3
Mo: 9.42x10^{15}N·m Mw:4.6 Mj:4.7 (sec)
mrr:-6.63 mtt: 4.39 mff: 2.24
mrt: 4.55 mrf: 1.19 mtf: 5.99 (x10^{15}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	29°	35°	-123°	P-axis:	-8.37	196°	67°
NP2:	247°	62°	-69°	T-axis:	10.48	322°	14°
				N-axis:	-2.11	57°	18°

V.R.: 58% ε: 0.20 N:20 COMP:31

2020/10/07 08:02: 6.8
ENSYUNADA
Hypo.:34°21.4'N 138° 0.6'E 303km

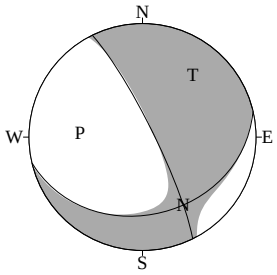


Cent.:34°21.4'N 138° 0.1'E 303km Δt= 0.6
Mo: 1.15x10^{16}N·m Mw:4.6 Mj:4.8 (sec)
mrr:-0.06 mtt: 0.73 mff:-0.67
mrt:-0.66 mrf:-0.45 mtf:-0.43 (x10^{16}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	61°	87°	-136°	P-axis:	-1.18	295°	32°
NP2:	329°	46°	-4°	T-axis:	1.12	186°	27°
				N-axis:	0.06	64°	46°

V.R.: 74% ε:-0.05 N:33 COMP:51

2020/10/12 09:28:29.7
NEAR TORISHIMA IS
Hypo.:29°24.4'N 139°43.1'E 415km

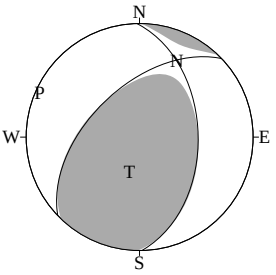


Cent.:29°23.8'N 139°40.9'E 407km Δt= 0.5
Mo: 6.16x10^{16}N·m Mw:5.1 Mj:5.5 (sec)
mrr:-1.50 mtt: 2.91 mff:-1.41
mrt: 1.61 mrf:-4.88 mtf:-2.29 (x10^{16}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	77°	32°	-165°	P-axis:	-6.36	274°	44°
NP2:	334°	82°	-59°	T-axis:	5.95	39°	30°
				N-axis:	0.41	149°	31°

V.R.: 73% ε:-0.07 N:36 COMP:66

2020/10/18 00:03:12.3
TAIWAN REGION
Hypo.:23°20.8'N 120°18.7'E 0km



Cent.:23°18.0'N 120°18.0'E 11km Δt= 1.5
Mo: 1.67x10^{16}N·m Mw:4.7 Mj:5.0 (sec)
mrr: 1.36 mtt:-0.02 mff:-1.34
mrt:-0.73 mrf: 0.11 mtf:-0.65 (x10^{16}N·m)

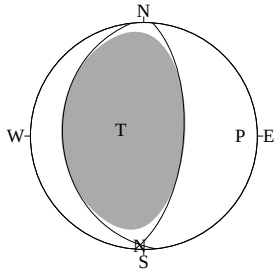
	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	359°	47°	54°	P-axis:	-1.62	294°	4°
NP2:	226°	54°	123°	T-axis:	1.72	196°	64°
				N-axis:	-0.10	26°	26°

V.R.: 66% ε: 0.06 N:8 COMP:17

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt:Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge of P-, T-, N-axis
V.R.:Variance Reduction, ε:Non-double couple component ratio, N:Number of stations, COMP:Number of components

2020/10/28 15:58:31.1
NORTHERN CHIBA PREF
Hypo.:35°48.3'N 140° 6.8'E 69km



Cent.:35°48.3'N 140° 7.3'E 69km Δt= 0.6
Mo: 1.19x10^{16}N·m Mw:4.6 Mj:4.4 (sec)
mrr: 1.04 mtt:-0.07 mff:-0.97
mrt: 0.11 mrf: 0.63 mtf: 0.02 (x10^{16}N·m)

	STR	DIP	SLIP		MOM	AZM	PLG
NP1:	4°	61°	95°	P-axis:	-1.15	90°	16°
NP2:	174°	29°	81°	T-axis:	1.23	287°	73°
				N-axis:	-0.08	182°	4°

V.R.: 75% ε: 0.07 N:15 COMP:31

EQUAL AREA PROJECTON, LOWER HEMISPHERE.