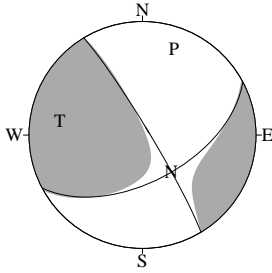


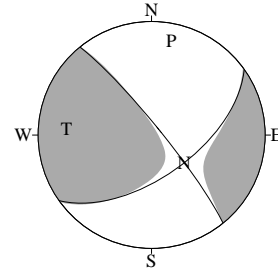
CMT SOLUTIONS FOR EARTHQUAKES IN MAY, 2022

2022/05/02 12:14:24.7
NEAR TORISHIMA IS
Hypo.:31° 3.5'N 138°46.7'E 40km



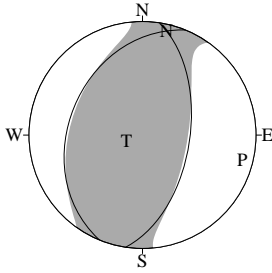
Cent.:31°11.9'N 138°48.6'E 10km $\Delta t = 6.2$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr: 0.05 mtt:-0.80 mff: 0.75
mrt:-0.19 mrf: 0.59 mtf: 0.44 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 62° 56° 6° P-axis:-1.00 20° 20°
NP2:329° 85° 146° T-axis: 1.10 280° 27°
N-axis:-0.10 142° 56°
V.R.: 83% ϵ : 0.09 N:28 COMP:65

2022/05/02 12:23:53.9
NEAR TORISHIMA IS
Hypo.:31° 2.6'N 138°46.8'E 36km



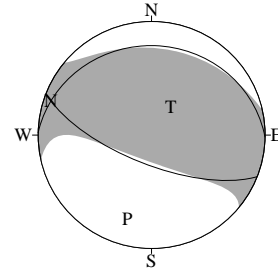
Cent.:31° 1.9'N 138°49.0'E 10km $\Delta t = 2.1$
Mo: 2.65×10^{16} N·m Mw:4.9 Mj:5.2 (sec)
mrr: 0.20 mtt:-2.29 mff: 2.09
mrt:-0.55 mrf: 1.27 mtf: 0.58 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 55° 60° 8° P-axis:-2.57 12° 16°
NP2:321° 83° 150° T-axis: 2.74 274° 26°
N-axis:-0.17 130° 59°
V.R.: 79% ϵ : 0.06 N:26 COMP:41

2022/05/02 16:08:14.1
HYUGANADA REGION
Hypo.:31°35.5'N 131°49.0'E 22km



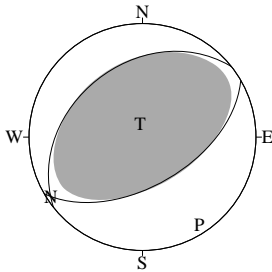
Cent.:31°13.0'N 131°49.5'E 31km $\Delta t = -1.1$
Mo: 8.29×10^{16} N·m Mw:5.2 Mj:5.0 (sec)
mrr: 7.14 mtt: 0.52 mff:-7.66
mrt:-0.01 mrf: 3.01 mtf:-2.36 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 9° 56° 82° P-axis:-8.82 104° 10°
NP2:202° 35° 101° T-axis: 7.76 252° 78°
N-axis: 1.06 13° 6°
V.R.: 76% ϵ :-0.12 N:42 COMP:66

2022/05/03 19:39:57.5
TOKYO PREF
Hypo.:35°39.7'N 139°28.9'E 130km



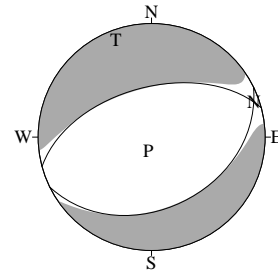
Cent.:35°37.0'N 139°29.2'E 130km $\Delta t = 0.7$
Mo: 1.17×10^{16} N·m Mw:4.6 Mj:4.6 (sec)
mrr: 0.67 mtt:-0.84 mff: 0.16
mrt: 0.79 mrf:-0.33 mtf: 0.25 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:112° 69° 98° P-axis:-1.27 196° 24°
NP2:271° 22° 71° T-axis: 1.07 34° 65°
N-axis: 0.20 289° 7°
V.R.: 87% ϵ :-0.16 N:44 COMP:69

2022/05/05 18:42: 2.1
SW IBARAKI PREF
Hypo.:36° 8.4'N 139°50.6'E 52km



Cent.:36° 4.3'N 139°50.5'E 56km $\Delta t = 3.4$
Mo: 2.09×10^{16} N·m Mw:4.8 Mj:4.8 (sec)
mrr: 2.04 mtt:-1.34 mff:-0.69
mrt: 0.65 mrf: 0.24 mtf:-0.83 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 60° 55° 95° P-axis:-2.02 147° 9°
NP2:232° 36° 83° T-axis: 2.16 350° 80°
N-axis:-0.14 237° 4°
V.R.: 78% ϵ : 0.06 N:30 COMP:49

2022/05/06 22:21: 6.9
NW OFF OKINAWAJIMA IS
Hypo.:26°53.3'N 126°29.8'E 8km

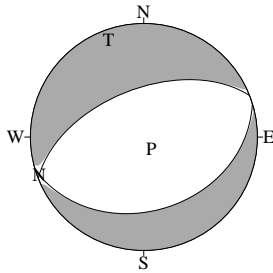


Cent.:26°40.4'N 126°29.9'E 10km $\Delta t = 8.0$
Mo: 1.60×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
mrr:-1.49 mtt: 1.38 mff: 0.11
mrt: 0.49 mrf: 0.03 mtf: 0.55 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 64° 37° -99° P-axis:-1.60 193° 80°
NP2:255° 54° -83° T-axis: 1.70 340° 9°
N-axis:-0.10 71° 5°
V.R.: 80% ϵ : 0.05 N:18 COMP:43

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

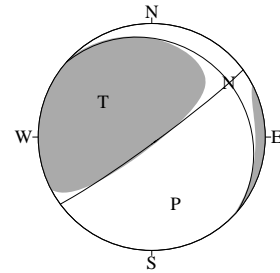
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge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

2022/05/07 20:53:54.7
 NW OFF OKINAWAJIMA IS
 Hypo.:26°55.1'N 126°24.9'E 13km



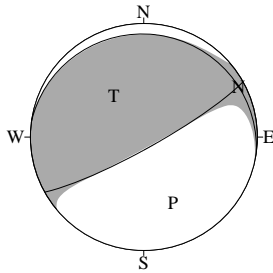
Cent.:26°40.7'N 126°26.1'E 10km $\Delta t = 9.0$
 Mo: 2.10×10^{17} N·m Mw:5.5 Mj:5.7 (sec)
 mrr:-1.99 mtt: 1.79 mff: 0.20
 mrt: 0.66 mrf: 0.32 mtf: 0.63 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 73° 35° -86° P-axis:-2.10 147° 80°
 NP2:248° 55° -93° T-axis: 2.10 340° 10°
 N-axis: 0.00 250° 2°
 V.R.: 79% ϵ : 0.01 N:19 COMP:47

2022/05/09 15:23: 2.6
 NW OFF ISHIGAKIJIMA IS
 Hypo.:23°56.5'N 122°29.7'E 19km



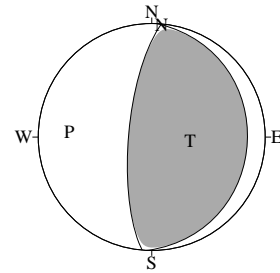
Cent.:24° 4.7'N 122°28.3'E 18km $\Delta t = 9.3$
 Mo: 3.44×10^{18} N·m Mw:6.3 Mj:6.6 (sec)
 mrr: 0.59 mtt:-1.28 mff: 0.69
 mrt: 2.49 mrf: 2.11 mtf: 0.32 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 54° 86° 72° P-axis:-3.27 160° 38°
 NP2:311° 18° 167° T-axis: 3.62 306° 46°
 N-axis:-0.35 55° 18°
 V.R.: 65% ϵ : 0.10 N:13 COMP:28

2022/05/09 16:45:52.2
 NW OFF ISHIGAKIJIMA IS
 Hypo.:23°55.6'N 122°33.6'E 24km



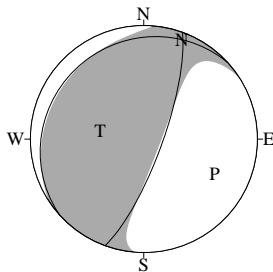
Cent.:24° 5.1'N 122°33.6'E 15km $\Delta t = 3.4$
 Mo: 5.76×10^{16} N·m Mw:5.1 Mj:5.5 (sec)
 mrr: 1.46 mtt:-1.80 mff: 0.33
 mrt: 4.78 mrf: 2.70 mtf:-0.57 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 61° 82° 84° P-axis:-5.92 156° 37°
 NP2:277° 10° 126° T-axis: 5.60 324° 53°
 N-axis: 0.32 62° 6°
 V.R.: 74% ϵ :-0.05 N:5 COMP:8

2022/05/09 17:33: 5.5
 ISE BAY REGION
 Hypo.:34°33.8'N 136°58.6'E 341km



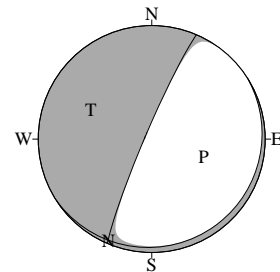
Cent.:34°29.8'N 136°58.7'E 335km $\Delta t = 1.8$
 Mo: 8.76×10^{16} N·m Mw:5.2 Mj:5.2 (sec)
 mrr: 4.84 mtt:-0.08 mff:-4.76
 mrt:-0.65 mrf:-7.30 mtf:-0.31 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 3° 17° 88° P-axis:-8.73 274° 28°
 NP2:185° 73° 91° T-axis: 8.80 96° 62°
 N-axis:-0.06 5° 1°
 V.R.: 90% ϵ : 0.01 N:22 COMP:26

2022/05/11 14:27:38.5
 E OFF MIYAGI PREF
 Hypo.:38°35.6'N 142°14.3'E 41km



Cent.:38°36.5'N 142°14.6'E 41km $\Delta t = 0.6$
 Mo: 1.37×10^{16} N·m Mw:4.7 Mj:4.8 (sec)
 mrr: 0.54 mtt:-0.06 mff:-0.48
 mrt: 0.40 mrf: 1.14 mtf:-0.39 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 77° 83° P-axis:-1.44 116° 31°
 NP2:228° 15° 117° T-axis: 1.29 281° 58°
 N-axis: 0.15 21° 7°
 V.R.: 83% ϵ :-0.10 N:8 COMP:12

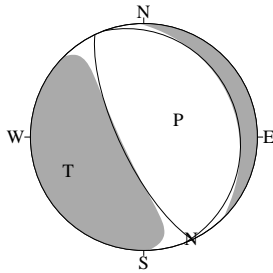
2022/05/14 00:47:25.1
 NE OFF IWATE PREF
 Hypo.:40° 5.6'N 142°44.7'E 34km



Cent.:40° 5.6'N 142°45.4'E 34km $\Delta t = 0.5$
 Mo: 6.90×10^{15} N·m Mw:4.5 Mj:4.7 (sec)
 mrr:-1.26 mtt: 0.58 mff: 0.68
 mrt: 2.62 mrf: 6.26 mtf: 0.64 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 57° 6° -56° P-axis:-6.97 109° 50°
 NP2:203° 85° -93° T-axis: 6.83 296° 40°
 N-axis: 0.14 203° 3°
 V.R.: 76% ϵ :-0.02 N:10 COMP:14

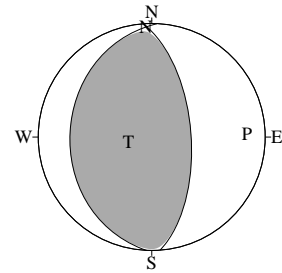
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2022/05/14 19:48:33.2
SE OFF BOSO PENINSULA
Hypo.:34°40.4'N 140°32.5'E 82km



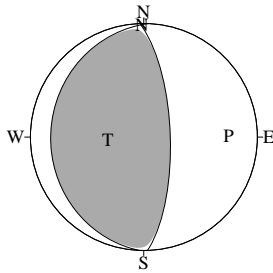
Cent.:34°40.3'N 140°32.7'E 82km $\Delta t = 0.6$
Mo: 1.09×10^{16} N·m Mw:4.6 Mj:4.6 (sec)
mrr:-0.56 mtt: 0.02 mff: 0.54
mrt:-0.39 mrf: 0.81 mtf:-0.28 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:339° 17° -85° P-axis:-1.04 63° 62°
NP2:155° 73° -91° T-axis: 1.14 246° 28°
N-axis:-0.10 155° 1°
V.R.: 86% ϵ : 0.09 N:23 COMP:31

2022/05/17 15:04:55.1
E OFF HACHIJOJIMA ISLAND
Hypo.:33°20.9'N 141°30.7'E 33km



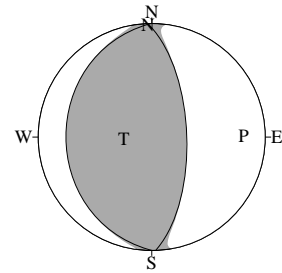
Cent.:33°38.1'N 141°30.1'E 15km $\Delta t = 8.3$
Mo: 2.70×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr: 2.24 mtt:-0.01 mff:-2.22
mrt:-0.18 mrf: 1.45 mtf: 0.03 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:356° 62° 87° P-axis:-2.70 88° 17°
NP2:183° 29° 96° T-axis: 2.70 258° 73°
N-axis: 0.00 357° 3°
V.R.: 81% ϵ : 0.01 N:36 COMP:99

2022/05/17 16:20:0.3
E OFF HACHIJOJIMA ISLAND
Hypo.:33°19.6'N 141°27.4'E 29km



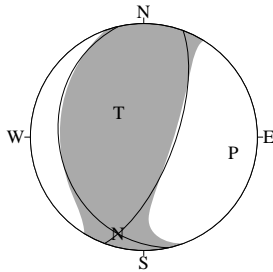
Cent.:33°36.8'N 141°26.8'E 16km $\Delta t = 8.4$
Mo: 9.51×10^{16} N·m Mw:5.3 Mj:5.3 (sec)
mrr: 5.90 mtt:-0.06 mff:-5.84
mrt:-0.32 mrf: 7.48 mtf:-0.02 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:358° 71° 89° P-axis:-9.48 89° 26°
NP2:182° 19° 94° T-axis: 9.54 266° 64°
N-axis:-0.07 359° 1°
V.R.: 83% ϵ : 0.01 N:38 COMP:93

2022/05/17 22:17:51.5
E OFF HACHIJOJIMA ISLAND
Hypo.:33°19.3'N 141°33.9'E 6km



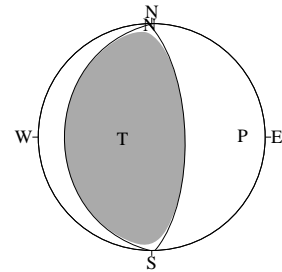
Cent.:33°35.9'N 141°33.4'E 13km $\Delta t = 8.8$
Mo: 2.20×10^{17} N·m Mw:5.5 Mj:5.6 (sec)
mrr: 1.71 mtt: 0.04 mff:-1.75
mrt:-0.06 mrf: 1.43 mtf: 0.04 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:358° 65° 89° P-axis:-2.30 89° 20°
NP2:180° 25° 92° T-axis: 2.20 266° 70°
N-axis: 0.00 358° 1°
V.R.: 85% ϵ : -0.02 N:34 COMP:96

2022/05/18 06:17:19.0
E OFF AOMORI PREF
Hypo.:40°59.2'N 143° 9.8'E 21km



Cent.:40°57.6'N 143° 9.6'E 30km $\Delta t = 5.8$
Mo: 7.62×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 4.75 mtt: 1.37 mff:-6.12
mrt: 2.14 mrf: 4.78 mtf:-0.79 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 20° 68° 104° P-axis:-8.16 100° 21°
NP2:167° 26° 60° T-axis: 7.08 314° 65°
N-axis: 1.08 195° 13°
V.R.: 82% ϵ : -0.13 N:30 COMP:57

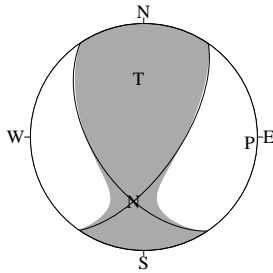
2022/05/18 12:52:25.6
E OFF HACHIJOJIMA ISLAND
Hypo.:33°16.6'N 141°28.2'E 32km



Cent.:33°43.7'N 141°27.0'E 15km $\Delta t = 12.8$
Mo: 3.50×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr: 2.59 mtt:-0.06 mff:-2.53
mrt:-0.09 mrf: 2.32 mtf: 0.02 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:358° 66° 89° P-axis:-3.40 89° 21°
NP2:181° 24° 92° T-axis: 3.50 267° 69°
N-axis:-0.10 359° 1°
V.R.: 80% ϵ : 0.02 N:37 COMP:89

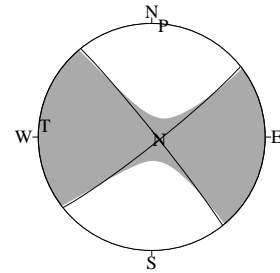
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2022/05/19 08:52:47.5
NEAR ISHIGAKIJIMA ISLAND
Hypo.:23°29.8'N 123°43.8'E 47km



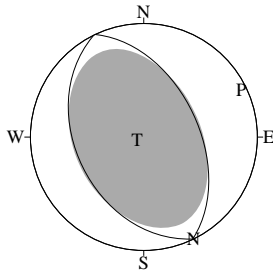
Cent.:23°36.6'N 123°43.9'E 28km $\Delta t = 4.4$
Mo: 3.84×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
mrr: 2.06 mtt: 1.85 mff:-3.91
mrt: 1.71 mrf: 0.65 mtf:-0.07 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 35° 64° 138° P-axis:-3.99 93° 7°
NP2:146° 53° 33° T-axis: 3.69 355° 47°
N-axis: 0.30 189° 42°
V.R.: 84% ϵ :-0.08 N:10 COMP:17

2022/05/22 12:24:11.3
E OFF IBARAKI PREF
Hypo.:36°46.4'N 141°24.2'E 5km



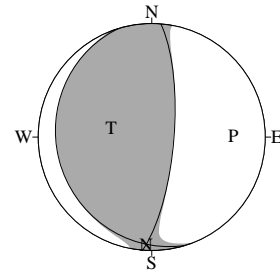
Cent.:36°46.0'N 141°26.1'E 10km $\Delta t = 0.5$
Mo: 1.70×10^{17} N·m Mw:5.4 Mj:6.0 (sec)
mrr: 0.15 mtt:-1.75 mff: 1.60
mrt:-0.03 mrf: 0.15 mtf: 0.38 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 52° 85° 3° P-axis:-1.80 6° 1°
NP2:321° 87° 175° T-axis: 1.70 276° 6°
N-axis: 0.10 111° 84°
V.R.: 69% ϵ :-0.08 N:27 COMP:53

2022/05/22 21:22:15.8
HIDAKA REGION
Hypo.:42°10.0'N 142°58.1'E 43km



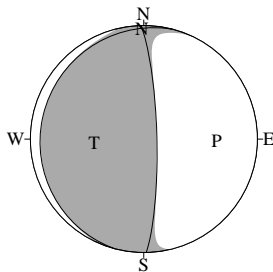
Cent.:42°10.0'N 142°58.0'E 43km $\Delta t = 0.5$
Mo: 9.20×10^{15} N·m Mw:4.6 Mj:4.7 (sec)
mrr: 9.53 mtt:-2.39 mff:-7.14
mrt:-0.65 mrf: 1.53 mtf: 2.98 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:335° 50° 91° P-axis:-8.73 64° 5°
NP2:154° 40° 89° T-axis: 9.68 249° 85°
N-axis:-0.96 154° 0°
V.R.: 71% ϵ : 0.10 N:17 COMP:29

2022/05/23 00:17:33.0
E OFF HACHIJOJIMA ISLAND
Hypo.:33°11.1'N 141°25.5'E 37km



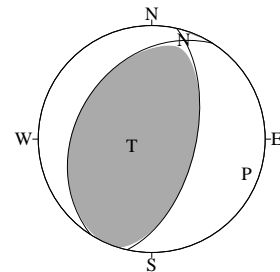
Cent.:33°17.0'N 141°31.5'E 10km $\Delta t = 4.4$
Mo: 1.18×10^{18} N·m Mw:6.0 Mj:6.1 (sec)
mrr: 0.60 mtt: 0.05 mff:-0.65
mrt: 0.11 mrf: 0.99 mtf: 0.07 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 4° 74° 96° P-axis:-1.20 89° 29°
NP2:163° 17° 69° T-axis: 1.16 283° 60°
N-axis: 0.03 183° 6°
V.R.: 79% ϵ :-0.03 N:32 COMP:74

2022/05/23 11:01: 5.8
E OFF AOMORI PREF
Hypo.:41°13.4'N 143° 5.8'E 24km



Cent.:41°12.3'N 143° 5.5'E 20km $\Delta t = 3.7$
Mo: 3.70×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr: 1.14 mtt: 0.14 mff:-1.27
mrt:-0.10 mrf: 3.52 mtf:-0.14 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:359° 81° 87° P-axis:-3.80 91° 36°
NP2:194° 10° 105° T-axis: 3.70 266° 54°
N-axis: 0.10 359° 3°
V.R.: 79% ϵ :-0.03 N:34 COMP:69

2022/05/29 15:55:22.5
E OFF IBARAKI PREF
Hypo.:36°14.8'N 140°58.5'E 44km



Cent.:36° 8.0'N 140°58.3'E 53km $\Delta t = 6.1$
Mo: 9.49×10^{16} N·m Mw:5.3 Mj:5.3 (sec)
mrr: 8.46 mtt:-1.20 mff:-7.26
mrt:-0.06 mrf: 4.22 mtf:-3.06 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 13° 58° 79° P-axis:-9.39 110° 12°
NP2:212° 34° 107° T-axis: 9.58 253° 75°
N-axis:-0.19 18° 9°
V.R.: 84% ϵ : 0.02 N:25 COMP:52

EQUAL AREA PROJECTON, LOWER HEMISPHERE.