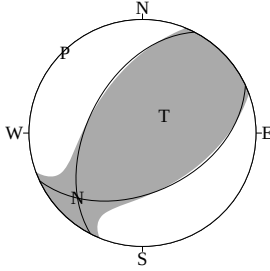


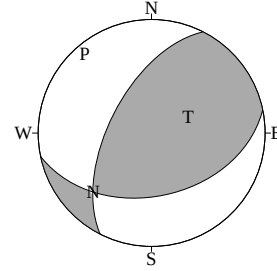
CMT SOLUTIONS FOR EARTHQUAKES IN JUNE, 2024

2024/06/01 02:10:58.6
TAIWAN REGION
Hypo.:24° 3.0'N 121°35.3'E 8km



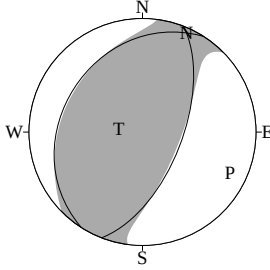
Cent.:24° 2.5'N 121°35.2'E 23km $\Delta t = 3.2$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.4 (sec)
mrr: 0.93 mtt:-0.49 mff:-0.44
mrt: 0.16 mrf:-0.26 mtf:-0.69 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 65° 47° 118° P-axis:-1.20 316° 2°
NP2:207° 50° 64° T-axis: 1.00 51° 70°
N-axis: 0.10 225° 20°
V.R.: 82% ϵ :-0.10 N:7 COMP:12

2024/06/03 06:31:40.3
NOTO PENINSULA REGION
Hypo.:37°28.0'N 137°18.1'E 14km



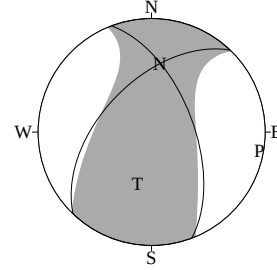
Cent.:37°25.2'N 137°18.5'E 11km $\Delta t = 7.1$
Mo: 5.80×10^{17} N·m Mw:5.8 Mj:6.0 (sec)
mrr: 4.30 mtt:-3.05 mff:-1.25
mrt: 0.36 mrf:-2.82 mtf:-3.32 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 78° 44° 132° P-axis:-5.80 320° 9°
NP2:207° 59° 58° T-axis: 5.80 66° 61°
N-axis: 0.00 225° 28°
V.R.: 76% ϵ : 0.00 N:32 COMP:74

2024/06/06 09:03:26.0
NEAR CHOSHI CITY
Hypo.:35°38.0'N 140°41.3'E 50km



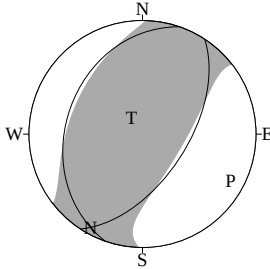
Cent.:35°32.2'N 140°42.4'E 55km $\Delta t = 1.2$
Mo: 1.65×10^{16} N·m Mw:4.7 Mj:4.6 (sec)
mrr: 1.30 mtt:-0.15 mff:-1.15
mrt: 0.27 mrf: 0.85 mtf:-0.66 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 21° 61° 85° P-axis:-1.73 115° 16°
NP2:213° 29° 100° T-axis: 1.56 278° 73°
N-axis: 0.17 24° 5°
V.R.: 72% ϵ :-0.10 N:15 COMP:28

2024/06/06 20:07:50.8
SOUTHERN SEA OF OKHOTSK
Hypo.:49°42.1'N 148° 5.7'E 678km



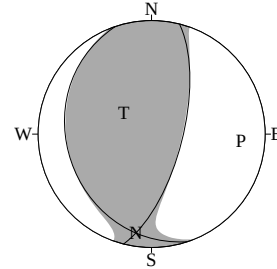
Cent.:49°38.0'N 148° 6.9'E 607km $\Delta t = 9.4$
Mo: 8.00×10^{17} N·m Mw:5.9 Mj:5.8 (sec)
mrr: 5.02 mtt: 3.61 mff:-8.63
mrt:-2.09 mrf: 1.27 mtf:-2.45 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:339° 60° 43° P-axis:-9.20 100° 4°
NP2:224° 54° 141° T-axis: 6.90 195° 51°
N-axis: 2.20 7° 39°
V.R.: 82% ϵ :-0.24 N:13 COMP:33

2024/06/17 15:57:21.2
HYUGANADA REGION
Hypo.:31°29.9'N 131°49.9'E 21km



Cent.:31°29.9'N 131°50.8'E 21km $\Delta t = 0.5$
Mo: 8.70×10^{15} N·m Mw:4.6 Mj:4.6 (sec)
mrr: 6.83 mtt:-0.22 mff:-6.61
mrt: 2.30 mrf: 2.98 mtf:-4.36 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 58° 98° P-axis:-9.65 118° 13°
NP2:199° 33° 78° T-axis: 7.74 326° 76°
N-axis: 1.91 209° 6°
V.R.: 63% ϵ :-0.20 N:14 COMP:20

2024/06/20 14:37:55.6
NE OFF IWATE PREF
Hypo.:40° 7.8'N 142°29.0'E 38km

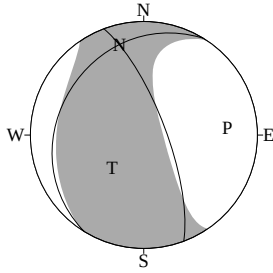


Cent.:40° 7.8'N 142°29.4'E 38km $\Delta t = 0.6$
Mo: 1.08×10^{16} N·m Mw:4.6 Mj:4.7 (sec)
mrr: 0.71 mtt: 0.12 mff:-0.83
mrt: 0.26 mrf: 0.70 mtf: 0.02 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 14° 68° 104° P-axis:-1.10 94° 22°
NP2:161° 26° 60° T-axis: 1.05 307° 65°
N-axis: 0.05 189° 13°
V.R.: 77% ϵ :-0.05 N:15 COMP:22

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

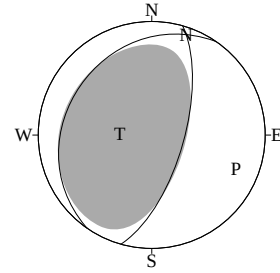
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge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

2024/06/22 09:33:35.4
FAR E OFF IBARAKI PREF
Hypo.:36°18.6'N 141°24.1'E 32km



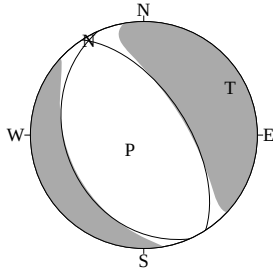
Cent.:36°18.6'N 141°25.0'E 31km $\Delta t = 0.5$
Mo: 7.63×10^{15} N·m Mw:4.5 Mj:4.6 (sec)
mrr: 3.14 mtt: 2.57 mff:-5.71
mrt:-1.97 mrf: 5.70 mtf: 0.06 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:339° 74° 71° P-axis:-8.58 85° 27°
NP2:211° 25° 139° T-axis: 6.68 224° 57°
N-axis: 1.90 345° 19°
V.R.: 61% ϵ :-0.22 N:36 COMP:54

2024/06/23 12:12: 6.4
E OFF FUKUSHIMA PREF
Hypo.:37° 3.7'N 141°11.8'E 49km



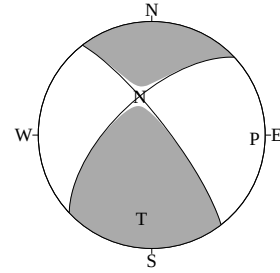
Cent.:37° 0.0'N 141°12.2'E 49km $\Delta t = 0.8$
Mo: 1.97×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
mrr: 1.52 mtt:-0.41 mff:-1.11
mrt: 0.23 mrf: 1.34 mtf:-0.48 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 16° 67° 82° P-axis:-1.86 112° 21°
NP2:215° 24° 107° T-axis: 2.08 272° 67°
N-axis:-0.22 19° 7°
V.R.: 66% ϵ : 0.11 N:15 COMP:34

2024/06/24 11:00:11.3
FAR E OFF IZU ISLANDS
Hypo.:32°32.3'N 142°28.4'E 72km



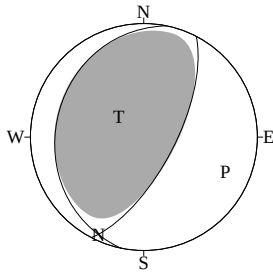
Cent.:32°32.4'N 142°32.0'E 10km $\Delta t = 0.7$
Mo: 1.85×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
mrr:-1.54 mtt: 0.25 mff: 1.29
mrt: 0.52 mrf:-0.69 mtf:-0.81 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:327° 59° -95° P-axis:-1.76 224° 76°
NP2:156° 31° -82° T-axis: 1.95 61° 14°
N-axis:-0.19 330° 4°
V.R.: 77% ϵ : 0.10 N:25 COMP:43

2024/06/25 17:31: 0.6
E OFF HACHIJOJIMA ISLAND
Hypo.:33°33.0'N 141°14.7'E 44km



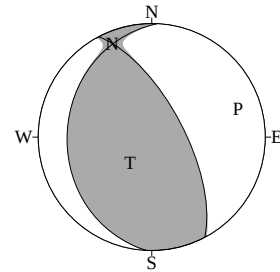
Cent.:33°51.1'N 141°14.7'E 35km $\Delta t = 8.1$
Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
mrr: 0.27 mtt: 1.29 mff:-1.56
mrt:-0.67 mrf: 0.38 mtf:-0.23 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:227° 63° 168° P-axis:-1.60 92° 10°
NP2:322° 79° 27° T-axis: 1.70 187° 27°
N-axis: 0.00 343° 61°
V.R.: 78% ϵ : 0.02 N:38 COMP:91

2024/06/27 18:45:12.1
E OFF FUKUSHIMA PREF
Hypo.:37°30.9'N 141°24.2'E 50km



Cent.:37°30.9'N 141°24.3'E 50km $\Delta t = 0.5$
Mo: 6.54×10^{15} N·m Mw:4.5 Mj:4.5 (sec)
mrr: 4.75 mtt:-0.72 mff:-4.03
mrt: 2.44 mrf: 3.96 mtf:-1.26 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 28° 68° 96° P-axis:-6.33 113° 23°
NP2:191° 23° 75° T-axis: 6.74 309° 67°
N-axis:-0.41 205° 6°
V.R.: 74% ϵ : 0.06 N:11 COMP:22

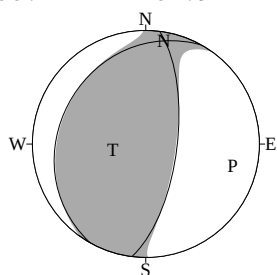
2024/06/28 01:19:11.0
FAR SE OFF BOSO PEN
Hypo.:33°59.5'N 141°37.6'E 9km



Cent.:33°59.5'N 141°38.5'E 10km $\Delta t = 0.6$
Mo: 1.17×10^{16} N·m Mw:4.6 Mj:4.5 (sec)
mrr: 0.82 mtt: 0.03 mff:-0.85
mrt:-0.46 mrf: 0.66 mtf: 0.21 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:332° 67° 77° P-axis:-1.18 72° 21°
NP2:183° 26° 118° T-axis: 1.17 220° 66°
N-axis: 0.01 337° 12°
V.R.: 74% ϵ :-0.01 N:33 COMP:47

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2024/06/28 10:46:51.5
 E OFF FUKUSHIMA PREF
 Hypo.: 37°35.4'N 141°52.9'E 43km



Cent.: 37°32.8'N 141°53.7'E 43km $\Delta t = 0.5$
 Mo: 1.01×10^{16} N·m Mw: 4.6 Mj: 4.8 (sec)
 mrr: 0.67 mtt: 0.01 mff: -0.69
 mrt: 0.04 mrf: 0.70 mtf: -0.24 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 7° 68° 81° P-axis: -1.04 104° 22°
 NP2: 209° 24° 111° T-axis: 0.97 261° 66°
 N-axis: 0.06 10° 8°
 V.R.: 76% ϵ : -0.06 N: 15 COMP: 27

EQUAL AREA PROJECTON, LOWER HEMISPHERE.