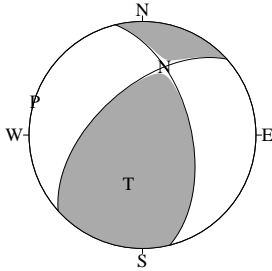


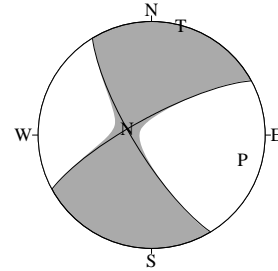
CMT SOLUTIONS FOR EARTHQUAKES IN NOVEMBER, 2020

2020/11/06 03:36: 9.9
TAIWAN REGION
Hypo.:22°30.6'N 121°16.4'E 47km



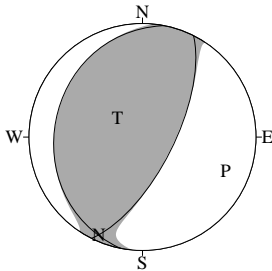
Cent.:22°22.3'N 121°16.4'E 30km $\Delta t = 1.0$
Mo: 3.28×10^{16} N·m Mw:4.9 Mj:5.4 (sec)
mrr: 2.10 mtt: 0.78 mff:-2.88
mrt:-1.55 mrf: 0.40 mtf:-1.24 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:346° 55° 43° P-axis:-3.26 287° 1°
NP2:228° 56° 136° T-axis: 3.30 196° 53°
N-axis:-0.04 18° 37°
V.R.: 80% ϵ : 0.01 N:9 COMP:15

2020/11/06 10:40:16.7
TAIWAN REGION
Hypo.:23° 8.5'N 122° 7.8'E 25km



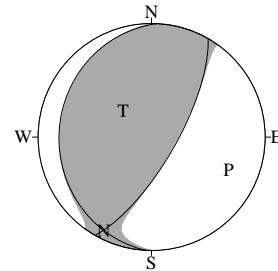
Cent.:23° 2.1'N 122° 6.3'E 27km $\Delta t = 1.5$
Mo: 2.65×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
mrr:-0.19 mtt: 2.27 mff:-2.08
mrt: 0.23 mrf: 0.78 mtf:-1.26 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:242° 78° -167° P-axis:-2.68 105° 18°
NP2:149° 77° -13° T-axis: 2.61 15° 0°
N-axis: 0.07 284° 72°
V.R.: 80% ϵ :-0.03 N:6 COMP:10

2020/11/06 17:56:39.5
E OFF AOMORI PREF
Hypo.:40°55.9'N 143°14.8'E 17km



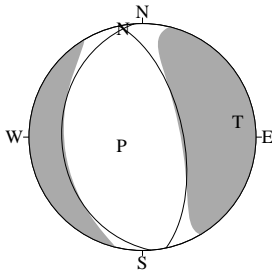
Cent.:40°52.5'N 143°15.0'E 32km $\Delta t = 5.0$
Mo: 2.20×10^{17} N·m Mw:5.5 Mj:5.7 (sec)
mrr: 1.47 mtt:-0.08 mff:-1.39
mrt: 0.75 mrf: 1.32 mtf:-0.52 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 68° 96° P-axis:-2.20 112° 22°
NP2:191° 23° 75° T-axis: 2.10 308° 67°
N-axis: 0.10 204° 6°
V.R.: 68% ϵ :-0.03 N:29 COMP:64

2020/11/07 02:16:56.9
E OFF AOMORI PREF
Hypo.:40°57.4'N 143°14.3'E 18km



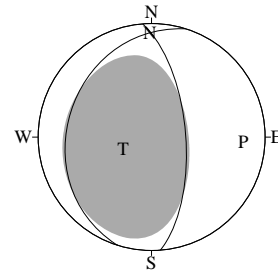
Cent.:40°55.3'N 143°14.4'E 29km $\Delta t = 4.0$
Mo: 8.20×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 4.50 mtt: 0.09 mff:-4.59
mrt: 3.57 mrf: 5.59 mtf:-1.60 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 30° 72° 99° P-axis:-8.36 113° 27°
NP2:183° 20° 64° T-axis: 8.04 313° 62°
N-axis: 0.32 207° 8°
V.R.: 70% ϵ :-0.04 N:30 COMP:58

2020/11/07 10:10:30.7
IOTO ISLANDS REGION
Hypo.:25°42.6'N 143°57.0'E 100km



Cent.:25°27.3'N 143°56.2'E 20km $\Delta t = 1.8$
Mo: 5.80×10^{17} N·m Mw:5.8 Mj:5.9 (sec)
mrr:-4.48 mtt:-0.76 mff: 5.24
mrt: 0.73 mrf:-2.92 mtf:-0.92 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:348° 61° -94° P-axis:-5.30 248° 74°
NP2:176° 29° -83° T-axis: 6.20 81° 16°
N-axis:-0.90 350° 3°
V.R.: 74% ϵ : 0.14 N:27 COMP:67

2020/11/08 06:30:47.5
E OFF HACHIJOJIMA ISLAND
Hypo.:32°30.7'N 141°47.2'E 64km

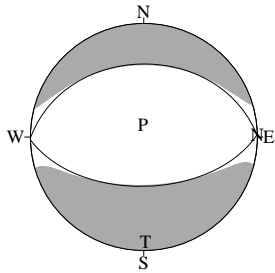


Cent.:32°30.0'N 141°48.7'E 12km $\Delta t = 0.8$
Mo: 4.04×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
mrr: 3.31 mtt:-0.54 mff:-2.78
mrt:-0.62 mrf: 2.57 mtf:-0.37 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:356° 65° 81° P-axis:-3.73 93° 20°
NP2:197° 26° 110° T-axis: 4.36 247° 68°
N-axis:-0.63 359° 9°
V.R.: 78% ϵ : 0.15 N:37 COMP:88

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

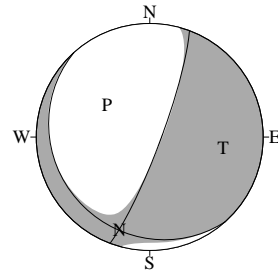
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge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

2020/11/13 15:41:38.0
 NW OFF ISHIGAKIJIMA IS
 Hypo.:25° 5.6'N 123°39.7'E 13km



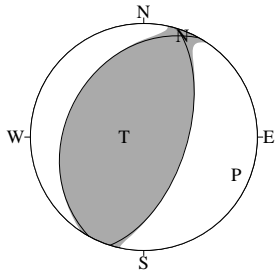
Cent.:25° 9.9'N 123°39.7'E 10km $\Delta t = 0.7$
 Mo: 2.87×10^{16} N·m Mw:4.9 Mj:5.1 (sec)
 mrr:-2.62 mtt: 2.83 mff:-0.21
 mrt:-0.91 mrf:-0.03 mtf: 0.05 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 89° 54° -90° P-axis:-2.77 357° 81°
 NP2:270° 36° -89° T-axis: 2.98 179° 9°
 N-axis:-0.21 89° 0°
 V.R.: 68% ϵ : 0.07 N:9 COMP:15

2020/11/18 10:00:43.5
 FAR S OFF TOKAI DISTRICT
 Hypo.:32°14.9'N 138° 6.9'E 394km



Cent.:32°13.0'N 138° 5.8'E 386km $\Delta t = 2.2$
 Mo: 6.33×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
 mrr:-1.80 mtt:-0.59 mff: 2.39
 mrt:-2.38 mrf:-5.41 mtf:-0.79 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 82° -75° P-axis:-6.49 307° 51°
 NP2:138° 17°-151° T-axis: 6.17 98° 35°
 N-axis: 0.32 198° 15°
 V.R.: 80% ϵ :-0.05 N:30 COMP:62

2020/11/22 19:05:53.9
 E OFF IBARAKI PREF
 Hypo.:36°35.4'N 141° 6.0'E 45km



Cent.:36°36.8'N 141° 5.7'E 54km $\Delta t = 6.7$
 Mo: 2.50×10^{17} N·m Mw:5.5 Mj:5.7 (sec)
 mrr: 2.20 mtt:-0.28 mff:-1.92
 mrt: 0.22 mrf: 1.14 mtf:-0.85 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 17° 59° 84° P-axis:-2.60 112° 13°
 NP2:209° 32° 100° T-axis: 2.50 270° 76°
 N-axis: 0.10 21° 5°
 V.R.: 84% ϵ :-0.02 N:36 COMP:88

EQUAL AREA PROJECTON, LOWER HEMISPHERE.