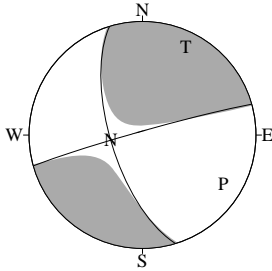


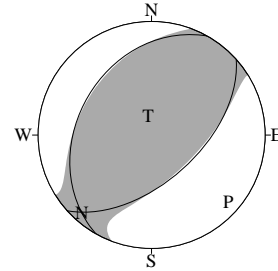
CMT SOLUTIONS FOR EARTHQUAKES IN SEPTEMBER, 2020

2020/09/02 02:49:58.1
 ISHIKAWA PREF
 Hypo.:36°27.0'N 136°47.2'E 9km



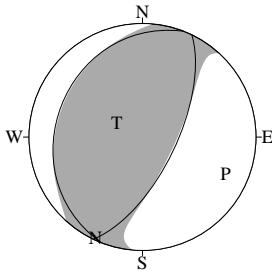
Cent.:36°30.0'N 136°47.0'E 11km $\Delta t = 0.7$
 Mo: 7.76×10^{15} N·m Mw:4.5 Mj:4.6 (sec)
 mrr:-0.75 mtt: 4.29 mff:-3.54
 mrt: 2.87 mrf: 0.83 mtf:-5.98 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:254° 87° -157° P-axis:-7.46 121° 18°
 NP2:163° 67° -3° T-axis: 8.06 26° 14°
 N-axis:-0.60 261° 67°
 V.R.: 82% ϵ : 0.07 N:12 COMP:28

2020/09/02 19:35:42.7
 OFF NEMURO PENINSULA
 Hypo.:43° 2.6'N 145°46.8'E 44km



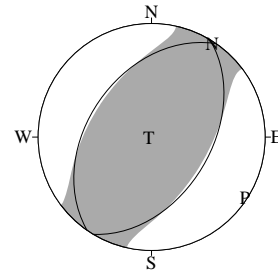
Cent.:43° 2.5'N 145°47.2'E 44km $\Delta t = 0.6$
 Mo: 1.37×10^{16} N·m Mw:4.7 Mj:4.8 (sec)
 mrr: 1.18 mtt:-0.44 mff:-0.74
 mrt: 0.47 mrf: 0.27 mtf:-0.73 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 48° 57° 101° P-axis:-1.44 131° 11°
 NP2:209° 35° 75° T-axis: 1.31 350° 76°
 N-axis: 0.13 222° 9°
 V.R.: 75% ϵ :-0.09 N:18 COMP:28

2020/09/04 06:45: 8.5
 E OFF FUKUSHIMA PREF
 Hypo.:37° 7.0'N 142°25.0'E 17km



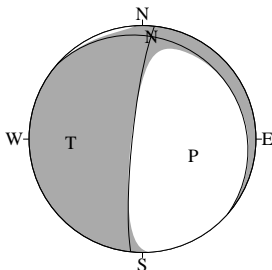
Cent.:37° 8.1'N 142°24.9'E 24km $\Delta t = 4.7$
 Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr: 0.83 mtt:-0.06 mff:-0.76
 mrt: 0.35 mrf: 0.70 mtf:-0.38 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 66° 92° P-axis:-1.20 114° 21°
 NP2:201° 24° 86° T-axis: 1.10 299° 69°
 N-axis: 0.10 205° 2°
 V.R.: 84% ϵ :-0.08 N:38 COMP:99

2020/09/04 09:10:53.3
 CENTRAL FUKUI PREF
 Hypo.:36° 6.9'N 136°11.3'E 7km



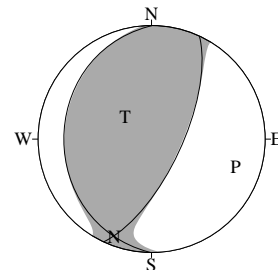
Cent.:36° 9.9'N 136°11.4'E 10km $\Delta t = 0.8$
 Mo: 1.74×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr: 1.61 mtt:-0.37 mff:-1.25
 mrt: 0.02 mrf: 0.11 mtf:-0.97 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 31° 47° 88° P-axis:-1.87 123° 2°
 NP2:215° 43° 93° T-axis: 1.62 258° 88°
 N-axis: 0.26 33° 2°
 V.R.: 85% ϵ :-0.14 N:15 COMP:38

2020/09/07 06:33:48.4
 E OFF IBARAKI PREF
 Hypo.:36°41.2'N 141°28.6'E 38km



Cent.:36°38.9'N 141°29.6'E 39km $\Delta t = 1.0$
 Mo: 4.20×10^{16} N·m Mw:5.0 Mj:5.2 (sec)
 mrr:-1.14 mtt: 0.07 mff: 1.08
 mrt: 0.57 mrf: 3.96 mtf:-0.64 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:311° 13° -144° P-axis:-4.31 108° 51°
 NP2:186° 83° -80° T-axis: 4.09 267° 37°
 N-axis: 0.22 5° 10°
 V.R.: 64% ϵ :-0.05 N:40 COMP:75

2020/09/12 11:44: 9.6
 E OFF MIYAGI PREF
 Hypo.:38°43.3'N 142°16.2'E 43km

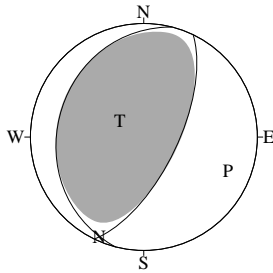


Cent.:38°42.0'N 142°16.0'E 47km $\Delta t = 7.0$
 Mo: 1.75×10^{18} N·m Mw:6.1 Mj:6.2 (sec)
 mrr: 1.14 mtt: 0.06 mff:-1.21
 mrt: 0.61 mrf: 1.10 mtf:-0.32 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 25° 68° 100° P-axis:-1.79 108° 23°
 NP2:181° 24° 67° T-axis: 1.71 311° 65°
 N-axis: 0.09 201° 9°
 V.R.: 75% ϵ :-0.05 N:27 COMP:59

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

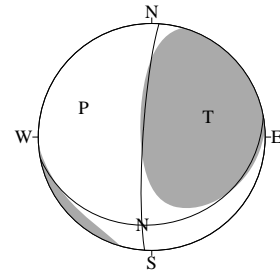
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG:Moment tensor component, azimuth and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

2020/09/17 09:17:59.2
 E OFF IWATE PREF
 Hypo.:39°19.9'N 142° 5.2'E 48km



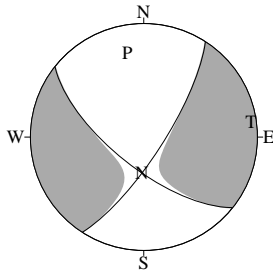
Cent.:39°19.9'N 142° 5.2'E 48km $\Delta t = 0.5$
 Mo: $9.20 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.6 Mj:4.5 (sec)
 mrr: 7.06 mtt:-1.09 mff:-5.97
 mrt: 2.99 mrf: 5.34 mtf:-2.00 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 66° 95° P-axis:-8.98 112° 21°
 NP2:194° 25° 79° T-axis: 9.43 305° 69°
 N-axis:-0.45 204° 4°
 V.R.: 78% ϵ : 0.05 N:21 COMP:28

2020/09/26 01:46:45.6
 NEAR HACHIJOJIMA ISLAND
 Hypo.:33°14.3'N 139°56.7'E 116km



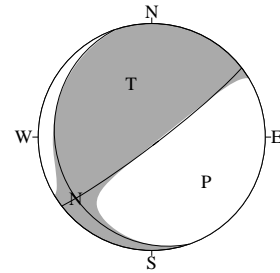
Cent.:33°12.0'N 139°56.7'E 120km $\Delta t = 2.1$
 Mo: $2.71 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.9 Mj:4.6 (sec)
 mrr: 0.70 mtt:-0.56 mff:-0.14
 mrt: 0.26 mrf:-2.47 mtf:-1.00 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 79° 24° 164° P-axis:-2.43 293° 35°
 NP2:184° 84° 67° T-axis: 2.99 70° 46°
 N-axis:-0.56 186° 23°
 V.R.: 86% ϵ : 0.19 N:36 COMP:77

2020/09/27 13:13:41.3
 NE AICHI PREF
 Hypo.:35° 4.8'N 137°47.1'E 45km



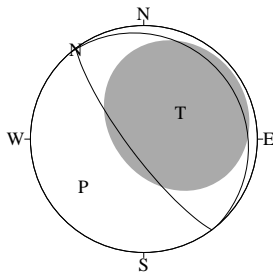
Cent.:35° 2.6'N 137°46.9'E 39km $\Delta t = 3.5$
 Mo: $3.33 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.9 Mj:5.1 (sec)
 mrr:-0.70 mtt:-2.53 mff: 3.22
 mrt:-1.13 mrf:-0.55 mtf:-0.96 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 33° 76° -22° P-axis:-3.25 349° 25°
 NP2:128° 68° -165° T-axis: 3.41 82° 5°
 N-axis:-0.16 183° 64°
 V.R.: 80% ϵ : 0.05 N:44 COMP:84

2020/09/29 05:50:51.2
 TAIWAN REGION
 Hypo.:22°11.2'N 121° 7.1'E 10km



Cent.:22° 7.0'N 121° 7.4'E 11km $\Delta t = 1.3$
 Mo: $4.53 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.0 Mj:5.1 (sec)
 mrr: 0.66 mtt: 0.67 mff:-1.34
 mrt: 3.40 mrf: 2.62 mtf:-0.90 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:161° 16° 19° P-axis:-4.68 129° 38°
 NP2: 53° 85° 105° T-axis: 4.37 339° 48°
 N-axis: 0.31 231° 15°
 V.R.: 69% ϵ :-0.07 N:6 COMP:12

2020/09/30 13:37:20.1
 TAIWAN REGION
 Hypo.:24°47.9'N 122° 4.3'E 108km



Cent.:24°51.3'N 122° 4.3'E 110km $\Delta t = 1.7$
 Mo: $5.22 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.1 Mj:5.0 (sec)
 mrr: 3.65 mtt:-2.27 mff:-1.39
 mrt: 2.82 mrf:-3.89 mtf:-1.31 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:319° 12° 86° P-axis:-3.62 232° 33°
 NP2:143° 78° 91° T-axis: 6.83 54° 57°
 N-axis:-3.21 323° 1°
 V.R.: 84% ϵ : 0.47 N:8 COMP:15

EQUAL AREA PROJECTON, LOWER HEMISPHERE.