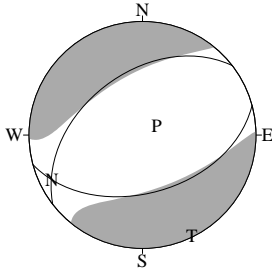


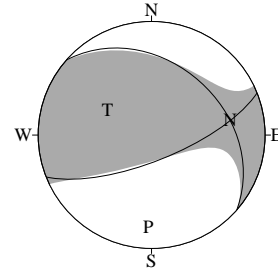
CMT SOLUTIONS FOR EARTHQUAKES IN FEBRUARY, 2022

2022/02/09 01:36:29.6
 NW OFF OKINAWAJIMA IS
 Hypo.:26°49.3'N 126°16.9'E 28km



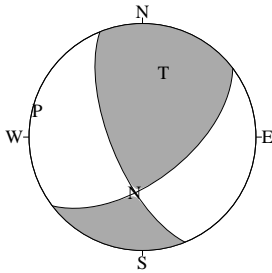
Cent.:26°40.0'N 126°16.7'E 10km $\Delta t = 3.2$
 Mo: 3.60×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
 mrr:-3.16 mtt: 3.05 mff: 0.12
 mrt:-0.37 mrf: 0.37 mtf: 1.92 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 75° 47° -74° P-axis:-3.30 57° 78°
 NP2:232° 45° -107° T-axis: 4.00 154° 1°
 N-axis:-0.70 244° 12°
 V.R.: 65% ϵ : 0.18 N:9 COMP:22

2022/02/12 01:43:11.9
 TAIWAN REGION
 Hypo.:23°55.7'N 122°17.5'E 17km



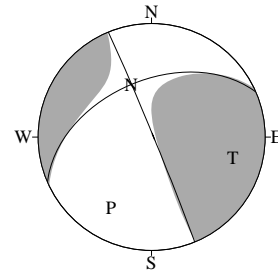
Cent.:24° 0.5'N 122°17.3'E 27km $\Delta t = 3.7$
 Mo: 2.20×10^{17} N·m Mw:5.5 Mj:5.8 (sec)
 mrr: 1.10 mtt:-1.87 mff: 0.78
 mrt: 1.28 mrf: 0.71 mtf: 0.36 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 68° 71° 58° P-axis:-2.40 182° 20°
 NP2:311° 37° 148° T-axis: 2.10 300° 53°
 N-axis: 0.30 79° 30°
 V.R.: 72% ϵ :-0.12 N:7 COMP:17

2022/02/13 15:50:33.5
 SE OFF TOKACHI
 Hypo.:42°22.6'N 144° 3.9'E 61km



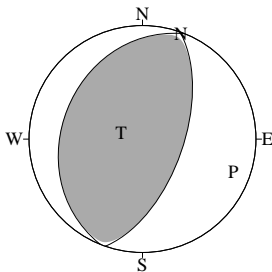
Cent.:42°22.6'N 144° 4.3'E 61km $\Delta t = 0.5$
 Mo: 1.05×10^{16} N·m Mw:4.6 Mj:4.6 (sec)
 mrr: 0.43 mtt: 0.49 mff:-0.93
 mrt: 0.47 mrf:-0.26 mtf:-0.42 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 53° 59° 153° P-axis:-1.05 284° 5°
 NP2:158° 67° 35° T-axis: 1.05 18° 40°
 N-axis: 0.00 188° 49°
 V.R.: 72% ϵ : 0.00 N:14 COMP:30

2022/02/17 18:17:44.7
 S OFF URAKAWA
 Hypo.:42° 2.5'N 142°32.2'E 57km



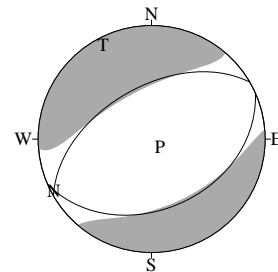
Cent.:41°59.6'N 142°32.5'E 56km $\Delta t = 2.1$
 Mo: 2.65×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
 mrr:-0.18 mtt:-1.41 mff: 1.60
 mrt: 0.51 mrf:-1.67 mtf: 1.33 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:246° 49° -2° P-axis:-2.51 210° 29°
 NP2:338° 89° -139° T-axis: 2.79 104° 27°
 N-axis:-0.29 339° 49°
 V.R.: 81% ϵ : 0.10 N:13 COMP:29

2022/02/18 11:55: 6.3
 E OFF MIYAGI PREF
 Hypo.:38°10.4'N 141°42.8'E 52km



Cent.:38°11.2'N 141°42.8'E 61km $\Delta t = 3.1$
 Mo: 7.14×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
 mrr: 6.12 mtt:-0.78 mff:-5.34
 mrt: 1.15 mrf: 3.52 mtf:-1.98 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 19° 61° 89° P-axis:-7.11 110° 16°
 NP2:202° 29° 92° T-axis: 7.16 286° 74°
 N-axis:-0.04 20° 1°
 V.R.: 81% ϵ : 0.01 N:12 COMP:29

2022/02/22 05:52:31.2
 NW OFF OKINAWAJIMA IS
 Hypo.:26°51.0'N 126°20.3'E 17km

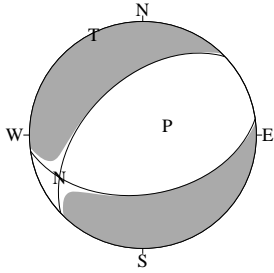


Cent.:26°41.7'N 126°21.3'E 10km $\Delta t = 8.3$
 Mo: 2.90×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
 mrr:-2.58 mtt: 2.35 mff: 0.23
 mrt: 0.59 mrf: 0.44 mtf: 1.47 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 66° 38° -85° P-axis:-2.70 129° 82°
 NP2:240° 52° -94° T-axis: 3.20 333° 7°
 N-axis:-0.50 242° 3°
 V.R.: 68% ϵ : 0.16 N:13 COMP:29

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

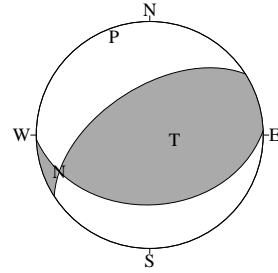
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth 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

2022/02/25 17:50:52.8
 NW OFF OKINAWAJIMA IS
 Hypo.: 26°48.6'N 126°22.0'E 29km



Cent.: 26°40.5'N 126°21.9'E 10km $\Delta t = 3.3$
 Mo: 1.40×10^{17} N·m Mw: 5.4 Mj: 5.4 (sec)
 mrr: -1.22 mtt: 1.09 mff: 0.12
 mrt: -0.11 mrf: 0.39 mtf: 0.62 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 82° 46° -64° P-axis: -1.40 69° 71°
 NP2: 226° 50° -115° T-axis: 1.40 334° 2°
 N-axis: 0.00 243° 19°
 V.R.: 72% ϵ : 0.03 N:10 COMP:21

2022/02/26 14:49:50.5
 E OFF IWATE PREF
 Hypo.: 39°15.9'N 142°27.1'E 41km



Cent.: 39°19.0'N 142°27.1'E 38km $\Delta t = 0.5$
 Mo: 1.37×10^{16} N·m Mw: 4.7 Mj: 4.8 (sec)
 mrr: 1.21 mtt: -1.18 mff: -0.03
 mrt: -0.27 mrf: -0.46 mtf: -0.40 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 88° 38° 115° P-axis: -1.37 340° 9°
 NP2: 237° 56° 72° T-axis: 1.37 100° 72°
 N-axis: 0.00 248° 15°
 V.R.: 71% ϵ : 0.00 N:19 COMP:28

EQUAL AREA PROJECTON, LOWER HEMISPHERE.