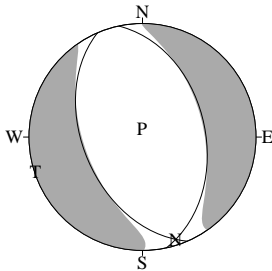


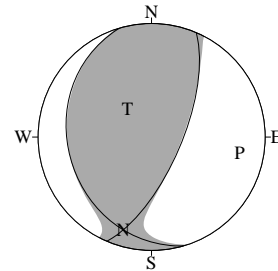
CMT SOLUTIONS FOR EARTHQUAKES IN JUNE, 2021

2021/06/01 07:04:44.9
 FAR E OFF IZU ISLANDS
 Hypo.:33°12.5'N 142°32.5'E 60km



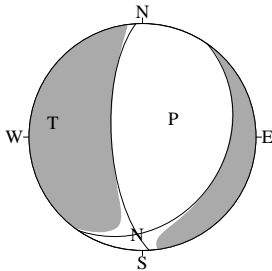
Cent.:33°12.8'N 142°31.9'E 19km $\Delta t = 4.4$
 Mo: 9.31×10^{16} N·m Mw:5.2 Mj:5.0 (sec)
 mrr:-8.81 mtt: 0.07 mff: 8.73
 mrt:-0.90 mrf: 0.19 mtf:-3.08 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:348° 44° -82° P-axis:-8.90 356° 84°
 NP2:157° 47° -98° T-axis: 9.73 252° 1°
 N-axis:-0.83 162° 6°
 V.R.: 88% ϵ : 0.09 N:15 COMP:35

2021/06/01 13:43: 6.5
 NE OFF IWATE PREF
 Hypo.:40° 7.8'N 142°27.3'E 39km



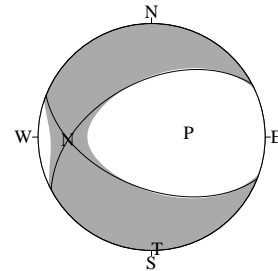
Cent.:40° 7.6'N 142°27.6'E 39km $\Delta t = 0.6$
 Mo: 1.42×10^{16} N·m Mw:4.7 Mj:4.7 (sec)
 mrr: 0.89 mtt: 0.19 mff:-1.08
 mrt: 0.50 mrf: 0.86 mtf:-0.10 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 23° 69° 107° P-axis:-1.45 100° 22°
 NP2:163° 27° 53° T-axis: 1.38 320° 63°
 N-axis: 0.07 197° 16°
 V.R.: 74% ϵ :-0.05 N:15 COMP:26

2021/06/07 03:11: 6.9
 SE OFF BOSO PENINSULA
 Hypo.:34°34.4'N 140°13.6'E 93km



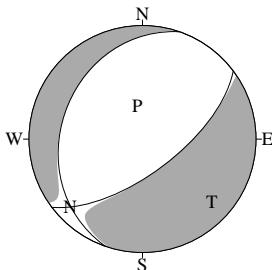
Cent.:34°36.8'N 140°13.4'E 78km $\Delta t = 5.7$
 Mo: 3.57×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr:-2.35 mtt:-0.26 mff: 2.60
 mrt:-0.47 mrf: 2.39 mtf: 0.81 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 28° -55° P-axis:-3.48 59° 64°
 NP2:177° 68° -107° T-axis: 3.65 279° 21°
 N-axis:-0.17 183° 15°
 V.R.: 85% ϵ : 0.05 N:45 COMP:90

2021/06/08 10:19:16.7
 E OFF FUKUSHIMA PREF
 Hypo.:37°48.5'N 141°37.6'E 75km



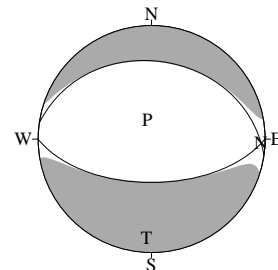
Cent.:37°48.5'N 141°37.8'E 75km $\Delta t = 0.6$
 Mo: 1.10×10^{16} N·m Mw:4.6 Mj:4.9 (sec)
 mrr:-0.88 mtt: 1.05 mff:-0.17
 mrt:-0.08 mrf: 0.50 mtf: 0.07 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:112° 53° -55° P-axis:-1.15 84° 63°
 NP2:242° 50° -127° T-axis: 1.05 177° 2°
 N-axis: 0.09 268° 27°
 V.R.: 78% ϵ :-0.08 N:45 COMP:71

2021/06/09 00:29: 2.8
 FAR E OFF KANTO
 Hypo.:36°26.1'N 142°59.3'E 23km



Cent.:36°27.7'N 142°58.8'E 12km $\Delta t = 4.2$
 Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.2 (sec)
 mrr:-0.80 mtt: 0.25 mff: 0.55
 mrt:-0.64 mrf:-0.34 mtf: 0.49 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 53° 66° -74° P-axis:-1.10 351° 66°
 NP2:199° 29° -121° T-axis: 1.10 132° 19°
 N-axis: 0.00 227° 14°
 V.R.: 90% ϵ : 0.02 N:37 COMP:93

2021/06/09 07:34:22.2
 E OFF IWATE PREF
 Hypo.:39°51.8'N 142°16.7'E 33km

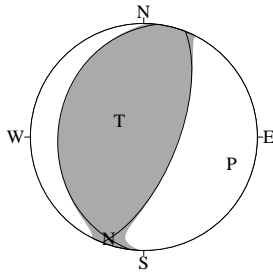


Cent.:39°48.9'N 142°16.9'E 30km $\Delta t = 0.8$
 Mo: 2.00×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
 mrr:-1.72 mtt: 1.83 mff:-0.10
 mrt:-0.91 mrf:-0.07 mtf:-0.13 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 90° 59° -94° P-axis:-1.95 347° 76°
 NP2:278° 32° -83° T-axis: 2.05 183° 14°
 N-axis:-0.10 92° 4°
 V.R.: 83% ϵ : 0.05 N:14 COMP:29

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

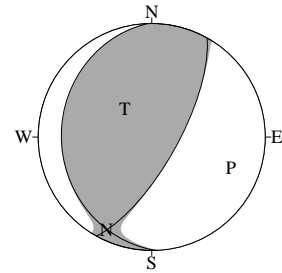
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth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

2021/06/09 22:05:55.1
 NE OFF IWATE PREF
 Hypo.:40° 5.4'N 142°25.7'E 38km



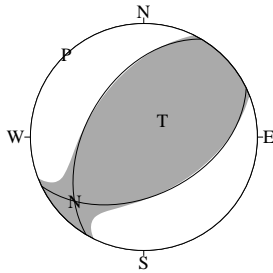
Cent.:40° 5.5'N 142°26.0'E 50km $\Delta t = 2.2$
 Mo: 4.24×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 3.12 mtt:-0.04 mff:-3.08
 mrt: 1.18 mrf: 2.51 mtf:-0.83 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 66° 96° P-axis:-4.30 107° 20°
 NP2:187° 25° 76° T-axis: 4.18 304° 69°
 N-axis: 0.11 199° 6°
 V.R.: 84% ϵ :-0.03 N:15 COMP:30

2021/06/10 18:56: 2.8
 E OFF AOMORI PREF
 Hypo.:40°59.6'N 142°24.9'E 47km



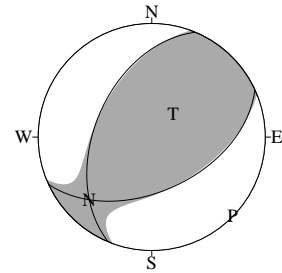
Cent.:40°59.6'N 142°25.6'E 47km $\Delta t = 0.5$
 Mo: 7.33×10^{15} N·m Mw:4.5 Mj:4.6 (sec)
 mrr: 4.26 mtt: 0.20 mff:-4.46
 mrt: 3.15 mrf: 4.82 mtf:-1.24 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 71° 101° P-axis:-7.41 111° 26°
 NP2:178° 21° 60° T-axis: 7.25 316° 62°
 N-axis: 0.16 206° 10°
 V.R.: 77% ϵ :-0.02 N:10 COMP:14

2021/06/11 14:12:47.6
 TAIWAN REGION
 Hypo.:23°52.7'N 121°34.4'E 0km



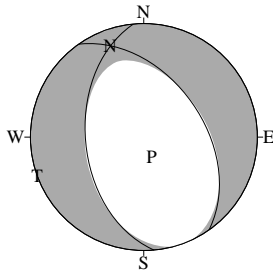
Cent.:23°50.1'N 121°33.7'E 14km $\Delta t = 2.8$
 Mo: 3.14×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
 mrr: 2.76 mtt:-1.54 mff:-1.22
 mrt: 0.52 mrf:-0.63 mtf:-1.87 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 65° 47° 115° P-axis:-3.25 317° 0°
 NP2:210° 48° 66° T-axis: 3.03 49° 72°
 N-axis: 0.23 227° 18°
 V.R.: 80% ϵ :-0.07 N:7 COMP:12

2021/06/11 16:33:25.4
 TAIWAN REGION
 Hypo.:23°52.4'N 121°31.9'E 7km



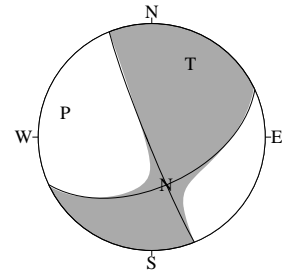
Cent.:23°48.0'N 121°31.6'E 13km $\Delta t = 2.8$
 Mo: 0.97×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr: 0.80 mtt:-0.38 mff:-0.42
 mrt: 0.25 mrf:-0.19 mtf:-0.60 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 65° 50° 120° P-axis:-1.01 134° 1°
 NP2:203° 48° 59° T-axis: 0.94 42° 67°
 N-axis: 0.07 225° 23°
 V.R.: 83% ϵ :-0.07 N:7 COMP:16

2021/06/19 07:39:13.3
 SW EHIME PREF
 Hypo.:33°27.6'N 132°30.8'E 42km



Cent.:33°24.1'N 132°30.7'E 41km $\Delta t = 0.9$
 Mo: 1.37×10^{16} N·m Mw:4.7 Mj:4.7 (sec)
 mrr:-1.31 mtt: 0.15 mff: 1.16
 mrt: 0.36 mrf: 0.15 mtf:-0.43 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:325° 47° -112° P-axis:-1.42 158° 75°
 NP2:175° 47° -69° T-axis: 1.32 250° 0°
 N-axis: 0.10 340° 15°
 V.R.: 80% ϵ :-0.07 N:39 COMP:72

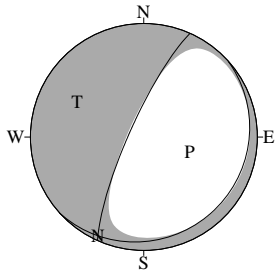
2021/06/20 20:08:24.4
 TAISETSU MOUNTAINS REG
 Hypo.:43°28.6'N 142°41.0'E 158km



Cent.:43°29.7'N 142°41.1'E 155km $\Delta t = 2.0$
 Mo: 1.60×10^{17} N·m Mw:5.4 Mj:5.4 (sec)
 mrr: 0.17 mtt: 0.88 mff:-1.05
 mrt: 0.36 mrf:-0.86 mtf:-0.87 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 65° 54° 176° P-axis:-1.70 286° 22°
 NP2:158° 86° 36° T-axis: 1.60 28° 28°
 N-axis: 0.10 163° 54°
 V.R.: 83% ϵ :-0.06 N:24 COMP:59

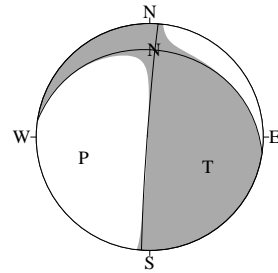
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2021/06/29 14:55:48.6
 HYUGANADA REGION
 Hypo.:31°43.7'N 131°49.2'E 41km



Cent.:31°40.5'N 131°49.1'E 19km $\Delta t = 1.0$
 Mo: 3.05×10^{16} N·m Mw:4.9 Mj:4.7 (sec)
 mrr:-1.20 mtt: 0.53 mff: 0.68
 mrt: 1.09 mrf: 2.62 mtf: 0.44 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 48° 12° -66° P-axis:-3.17 108° 55°
 NP2:204° 79° -95° T-axis: 2.94 298° 34°
 N-axis: 0.23 205° 5°
 V.R.: 83% ϵ :-0.07 N:10 COMP:18

2021/06/30 22:18: 9.0
 SOUTHERN AKITA PREF
 Hypo.:39°31.9'N 140°27.9'E 130km



Cent.:39°31.9'N 140°27.6'E 130km $\Delta t = 0.5$
 Mo: 9.09×10^{15} N·m Mw:4.6 Mj:4.5 (sec)
 mrr: 0.42 mtt: 0.86 mff:-1.28
 mrt:-0.48 mrf:-8.26 mtf: 3.59 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:278° 24° 4° P-axis:-9.30 253° 39°
 NP2:184° 88° 114° T-axis: 8.87 117° 42°
 N-axis: 0.44 3° 24°
 V.R.: 81% ϵ :-0.05 N:15 COMP:26

EQUAL AREA PROJECTON, LOWER HEMISPHERE.