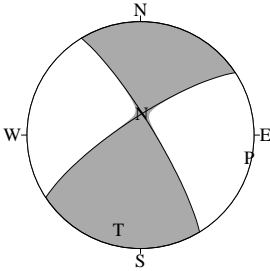


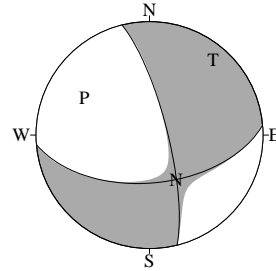
CMT SOLUTIONS FOR EARTHQUAKES IN FEBRUARY, 2015

2015/02/06 10:25:12.4
 TOKUSHIMA PREF
 Hypo.:33°44.0'N 134°22.2'E 11km



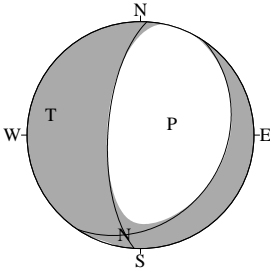
Cent.:33°32.3'N 134°21.7'E 17km $\Delta t = 1.9$
 Mo: 1.72×10^{16} N·m Mw:4.8 Mj:5.1 (sec)
 mrr: 0.13 mtt: 1.44 mff:-1.57
 mrt:-0.41 mrf: 0.16 mtf:-0.71 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:237° 78° 171° P-axis:-1.73 102° 2°
 NP2:329° 81° 12° T-axis: 1.72 193° 15°
 N-axis: 0.01 4° 75°
 V.R.: 73% ϵ :-0.01 N:22 COMP:31

2015/02/08 01:40: 7.5
 EASTERN SEA OF JAPAN
 Hypo.:43°21.7'N 136° 5.1'E 361km



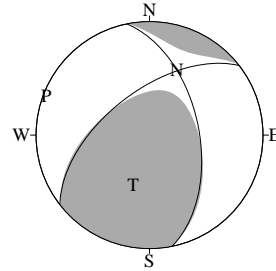
Cent.:43°31.5'N 136° 3.9'E 363km $\Delta t = 1.3$
 Mo: 2.25×10^{16} N·m Mw:4.8 Mj:4.7 (sec)
 mrr:-0.54 mtt: 0.86 mff:-0.33
 mrt:-0.16 mrf:-1.28 mtf:-1.68 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 85° 55°-164° P-axis:-2.29 300° 34°
 NP2:346° 77° -36° T-axis: 2.20 40° 14°
 N-axis: 0.09 149° 52°
 V.R.: 78% ϵ :-0.04 N:19 COMP:25

2015/02/13 20:28:20.2
 FAR E OFF NORTH HONSHU
 Hypo.:38°12.4'N 144°31.5'E 42km



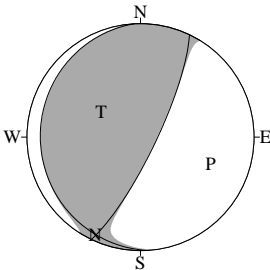
Cent.:38°12.3'N 144°32.7'E 10km $\Delta t = 0.5$
 Mo: 5.88×10^{15} N·m Mw:4.4 Mj:4.8 (sec)
 mrr:-4.32 mtt: 0.42 mff: 3.90
 mrt:-0.41 mrf: 3.94 mtf: 1.40 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 34° 27° -62° P-axis:-6.03 70° 66°
 NP2:183° 66°-103° T-axis: 5.73 283° 20°
 N-axis: 0.30 189° 12°
 V.R.: 76% ϵ :-0.05 N:25 COMP:32

2015/02/14 05:06:30.2
 TAIWAN REGION
 Hypo.:22°36.0'N 121°25.6'E 28km



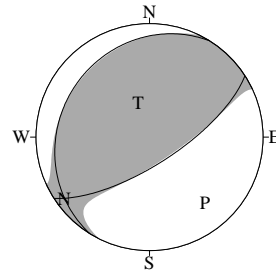
Cent.:22°40.9'N 121°24.6'E 26km $\Delta t = 7.8$
 Mo: 2.11×10^{18} N·m Mw:6.2 Mj:6.2 (sec)
 mrr: 1.28 mtt: 0.40 mff:-1.68
 mrt:-1.16 mrf: 0.29 mtf:-0.88 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:348° 54° 40° P-axis:-2.01 291° 3°
 NP2:232° 59° 137° T-axis: 2.22 198° 52°
 N-axis:-0.21 23° 38°
 V.R.: 73% ϵ : 0.10 N:8 COMP:16

2015/02/17 08:06:34.6
 FAR E OFF SANRIKU
 Hypo.:39°52.3'N 143°11.5'E 13km



Cent.:39°44.5'N 143°10.9'E 14km $\Delta t = 5.3$
 Mo: 1.60×10^{19} N·m Mw:6.7 Mj:6.9 (sec)
 mrr: 0.58 mtt: 0.05 mff:-0.64
 mrt: 0.66 mrf: 1.32 mtf:-0.16 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 79° 96° P-axis:-1.63 111° 34°
 NP2:177° 13° 62° T-axis: 1.58 303° 56°
 N-axis: 0.05 205° 6°
 V.R.: 82% ϵ :-0.03 N:25 COMP:66

2015/02/17 13:46:39.3
 NE OFF IWATE PREF
 Hypo.:40° 5.1'N 142° 6.7'E 50km

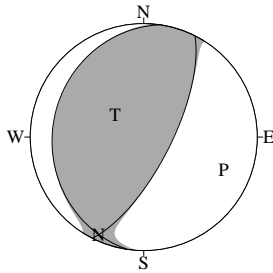


Cent.:40° 0.9'N 142° 7.2'E 56km $\Delta t = 1.4$
 Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.7 (sec)
 mrr: 1.00 mtt:-0.52 mff:-0.49
 mrt: 1.12 mrf: 0.64 mtf:-0.65 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 57° 70° 99° P-axis:-1.70 140° 25°
 NP2:212° 22° 66° T-axis: 1.60 342° 64°
 N-axis: 0.10 234° 8°
 V.R.: 78% ϵ :-0.06 N:21 COMP:37

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

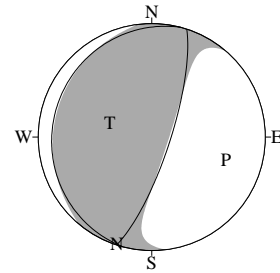
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth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

2015/02/18 01:33:21.8
 FAR E OFF SANRIKU
 Hypo.:39°39.9'N 143°43.0'E 34km



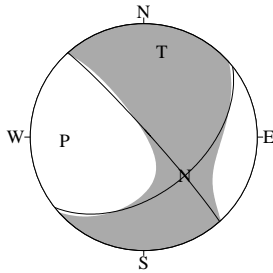
Cent.:39°29.3'N 143°43.6'E 17km $\Delta t = 7.5$
 Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr: 1.04 mtt:-0.04 mff:-1.00
 mrt: 0.64 mrf: 1.14 mtf:-0.35 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 70° 97° P-axis:-1.70 112° 25°
 NP2:188° 21° 72° T-axis: 1.70 308° 64°
 N-axis: 0.00 205° 6°
 V.R.: 72% ϵ :-0.03 N:21 COMP:49

2015/02/20 13:25:20.9
 FAR E OFF SANRIKU
 Hypo.:39°54.7'N 143°43.9'E 8km



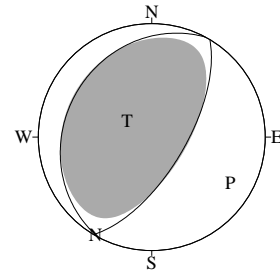
Cent.:39°51.4'N 143°43.5'E 10km $\Delta t = 13.1$
 Mo: 2.70×10^{18} N·m Mw:6.2 Mj:6.5 (sec)
 mrr: 1.08 mtt: 0.13 mff:-1.20
 mrt: 0.75 mrf: 2.30 mtf:-0.44 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 77° 91° P-axis:-2.83 107° 32°
 NP2:195° 13° 87° T-axis: 2.57 289° 58°
 N-axis: 0.26 198° 1°
 V.R.: 70% ϵ :-0.09 N:28 COMP:63

2015/02/20 20:09:12.0
 NE OFF IWATE PREF
 Hypo.:40° 0.0'N 142°21.9'E 20km



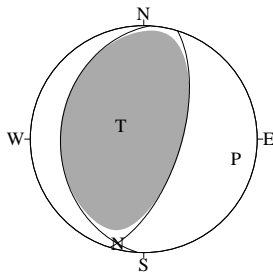
Cent.:40° 0.0'N 142°21.9'E 10km $\Delta t = 0.4$
 Mo: 3.96×10^{15} N·m Mw:4.3 Mj:4.7 (sec)
 mrr:-0.15 mtt: 3.01 mff:-2.86
 mrt: 1.25 mrf:-2.39 mtf:-0.30 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 49° -175° P-axis:-4.28 267° 31°
 NP2:318° 86° -41° T-axis: 3.65 12° 24°
 N-axis: 0.62 133° 49°
 V.R.: 70% ϵ :-0.15 N:17 COMP:23

2015/02/21 04:28:27.7
 S OFF URAKAWA
 Hypo.:41°58.6'N 142°42.9'E 57km



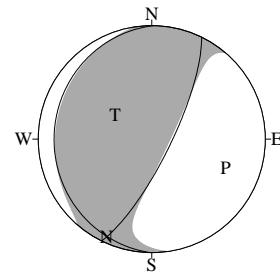
Cent.:42° 9.6'N 142°42.8'E 52km $\Delta t = 6.0$
 Mo: 6.98×10^{16} N·m Mw:5.2 Mj:5.1 (sec)
 mrr: 5.44 mtt:-1.58 mff:-3.86
 mrt: 2.45 mrf: 3.99 mtf:-1.88 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 31° 66° 91° P-axis:-6.72 120° 21°
 NP2:208° 24° 88° T-axis: 7.24 303° 69°
 N-axis:-0.52 210° 1°
 V.R.: 77% ϵ : 0.07 N:22 COMP:36

2015/02/21 06:05:54.5
 FAR E OFF SANRIKU
 Hypo.:39°56.4'N 143°32.3'E 31km



Cent.:39°51.9'N 143°32.6'E 21km $\Delta t = 8.7$
 Mo: 1.16×10^{16} N·m Mw:4.6 Mj:4.7 (sec)
 mrr: 0.96 mtt:-0.06 mff:-0.90
 mrt: 0.27 mrf: 0.64 mtf:-0.15 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 17° 63° 96° P-axis:-1.14 102° 18°
 NP2:183° 28° 78° T-axis: 1.19 301° 71°
 N-axis:-0.05 194° 6°
 V.R.: 67% ϵ : 0.04 N:37 COMP:53

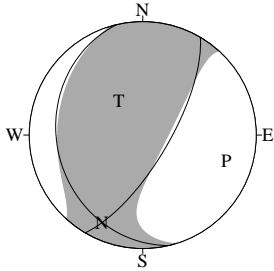
2015/02/21 19:13:51.8
 FAR E OFF SANRIKU
 Hypo.:39°53.6'N 143°36.6'E 11km



Cent.:39°53.0'N 143°36.1'E 10km $\Delta t = 12.6$
 Mo: 1.08×10^{18} N·m Mw:6.0 Mj:6.4 (sec)
 mrr: 0.44 mtt: 0.07 mff:-0.51
 mrt: 0.43 mrf: 0.85 mtf:-0.18 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 76° 96° P-axis:-1.13 111° 31°
 NP2:182° 15° 67° T-axis: 1.03 304° 58°
 N-axis: 0.10 205° 6°
 V.R.: 72% ϵ :-0.09 N:23 COMP:46

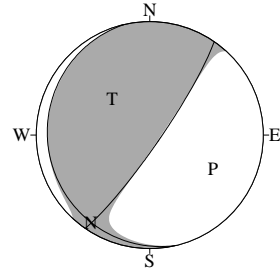
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/02/22 11:53:42.7
 FAR E OFF SANRIKU
 Hypo.:40° 7.1'N 143°32.1'E 19km



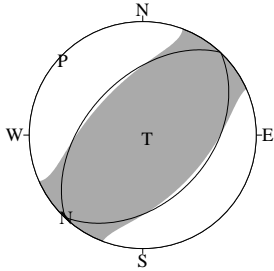
Cent.:40°12.7'N 143°31.5'E 14km $\Delta t = 8.6$
 Mo: 1.45×10^{16} N·m Mw:4.7 Mj:5.0 (sec)
 mrr: 0.74 mtt: 0.30 mff:-1.04
 mrt: 0.58 mrf: 0.92 mtf:-0.31 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 30° 71° 107° P-axis: -1.58 107° 24°
 NP2: 167° 25° 50° T-axis: 1.32 325° 60°
 N-axis: 0.26 205° 16°
 V.R.: 66% ϵ : -0.17 N:16 COMP:22

2015/02/23 04:43:31.6
 FAR E OFF SANRIKU
 Hypo.:39°51.1'N 143°33.0'E 18km



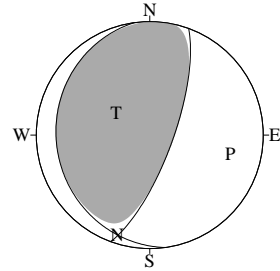
Cent.:39°49.6'N 143°31.6'E 12km $\Delta t = 8.0$
 Mo: 3.10×10^{16} N·m Mw:4.9 Mj:5.1 (sec)
 mrr: 0.72 mtt: 0.22 mff:-0.94
 mrt: 1.71 mrf: 2.43 mtf:-0.31 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 83° 98° P-axis: -3.17 118° 37°
 NP2: 167° 11° 43° T-axis: 3.04 314° 52°
 N-axis: 0.13 214° 8°
 V.R.: 63% ϵ : -0.04 N:19 COMP:28

2015/02/23 17:00: 9.6
 CENTRAL CHIBA PREF
 Hypo.:35°33.8'N 140° 8.2'E 68km



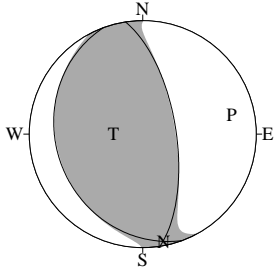
Cent.:35°33.7'N 140° 8.6'E 68km $\Delta t = 0.5$
 Mo: 0.92×10^{16} N·m Mw:4.6 Mj:4.5 (sec)
 mrr: 0.82 mtt: -0.38 mff:-0.45
 mrt: -0.09 mrf: -0.10 mtf:-0.59 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 41° 91° P-axis: -1.01 313° 4°
 NP2: 223° 49° 89° T-axis: 0.83 126° 86°
 N-axis: 0.18 223° 1°
 V.R.: 62% ϵ : -0.18 N:30 COMP:44

2015/02/24 11:28:52.3
 FAR E OFF SANRIKU
 Hypo.:39°38.0'N 143°22.9'E 29km



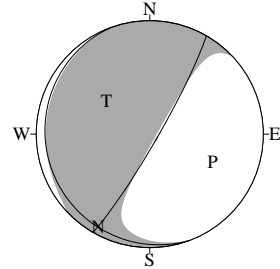
Cent.:39°38.9'N 143°22.4'E 24km $\Delta t = 7.2$
 Mo: 4.60×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
 mrr: 2.57 mtt: 0.01 mff:-2.57
 mrt: 1.52 mrf: 3.51 mtf:-0.24 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 73° 99° P-axis: -4.50 103° 28°
 NP2: 172° 19° 63° T-axis: 4.70 303° 61°
 N-axis: -0.20 198° 8°
 V.R.: 70% ϵ : 0.03 N:27 COMP:54

2015/02/25 16:00:59.3
 NEAR TORISHIMA IS
 Hypo.:31° 5.3'N 142° 8.2'E 44km



Cent.:31°12.0'N 142° 7.9'E 10km $\Delta t = 5.9$
 Mo: 7.30×10^{17} N·m Mw:5.8 Mj:6.1 (sec)
 mrr: 5.23 mtt: 0.02 mff:-5.25
 mrt: -0.54 mrf: 4.83 mtf: 1.42 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 351° 66° 95° P-axis: -7.40 78° 21°
 NP2: 160° 24° 80° T-axis: 7.10 270° 69°
 N-axis: 0.30 169° 4°
 V.R.: 73% ϵ : -0.04 N:35 COMP:85

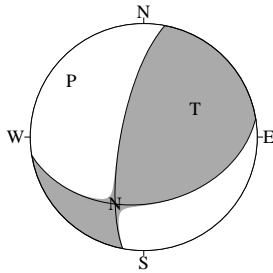
2015/02/25 19:31:59.5
 FAR E OFF SANRIKU
 Hypo.:39°20.4'N 143°37.6'E 20km



Cent.:39°16.2'N 143°36.8'E 10km $\Delta t = 6.0$
 Mo: 3.64×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 0.55 mtt: 0.42 mff:-0.98
 mrt: 1.75 mrf: 3.08 mtf:-0.33 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 30° 84° 97° P-axis: -3.83 114° 39°
 NP2: 160° 9° 40° T-axis: 3.46 308° 50°
 N-axis: 0.37 209° 7°
 V.R.: 63% ϵ : -0.10 N:21 COMP:35

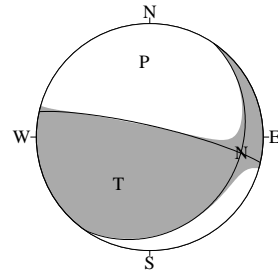
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/02/26 10:11:23.7
 E OFF MIYAGI PREF
 Hypo.:38°27.8'N 142° 5.9'E 50km



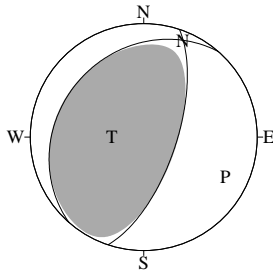
Cent.:38°25.6'N 142° 5.8'E 44km $\Delta t = 2.1$
 Mo: 5.10×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
 mrr: 2.19 mtt:-1.15 mff:-1.04
 mrt: 0.20 mrf:-3.47 mtf:-3.21 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 81° 41° 154° P-axis:-5.13 308° 20°
 NP2:191° 74° 52° T-axis: 5.07 61° 47°
 N-axis: 0.06 203° 36°
 V.R.: 79% ϵ :-0.01 N:21 COMP:39

2015/02/27 16:58: 3.7
 NW OFF AMAMI-OSHIMA IS
 Hypo.:28°20.3'N 128°12.9'E 118km



Cent.:28°15.9'N 128°13.4'E 117km $\Delta t = 2.7$
 Mo: 1.53×10^{16} N·m Mw:4.7 Mj:4.5 (sec)
 mrr: 0.38 mtt:-0.64 mff: 0.26
 mrt:-1.34 mrf: 0.35 mtf:-0.36 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 34° 21° 23° P-axis:-1.57 356° 34°
 NP2:283° 82° 110° T-axis: 1.50 214° 49°
 N-axis: 0.07 100° 19°
 V.R.: 77% ϵ :-0.04 N:26 COMP:39

2015/02/28 17:40:39.0
 NEAR CHOSHI CITY
 Hypo.:35°38.2'N 140°41.3'E 50km



Cent.:35°32.5'N 140°42.5'E 53km $\Delta t = 1.1$
 Mo: 2.88×10^{16} N·m Mw:4.9 Mj:4.5 (sec)
 mrr: 2.14 mtt:-0.57 mff:-1.57
 mrt: 0.40 mrf: 1.91 mtf:-0.90 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 66° 80° P-axis:-2.81 116° 21°
 NP2:221° 25° 111° T-axis: 2.95 271° 67°
 N-axis:-0.14 22° 9°
 V.R.: 68% ϵ : 0.05 N:34 COMP:55

EQUAL AREA PROJECTON, LOWER HEMISPHERE.