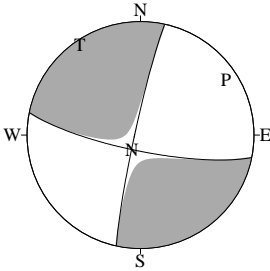


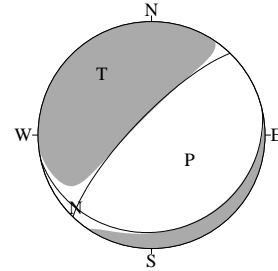
CMT SOLUTIONS FOR EARTHQUAKES IN OCTOBER, 2015

2015/10/03 04:09:57.5
 NW KAGOSHIMA PREF
 Hypo.:32° 4.1'N 130°12.3'E 9km



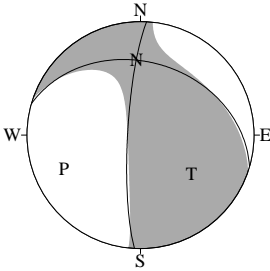
Cent.:32° 4.0'N 130°12.1'E 10km $\Delta t = 0.3$
 Mo: 1.74×10^{15} N·m Mw:4.1 Mj:4.1 (sec)
 mrr:-0.11 mtt: 0.74 mff:-0.63
 mrt:-0.03 mrf: 0.35 mtf: 1.56 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:192° 86° -168° P-axis:-1.71 57° 11°
 NP2:101° 78° -4° T-axis: 1.78 326° 5°
 N-axis:-0.07 211° 78°
 V.R.: 70% ϵ : 0.04 N:13 COMP:18

2015/10/06 18:32: 6.5
 E OFF MIYAGI PREF
 Hypo.:38°42.0'N 142°14.8'E 39km



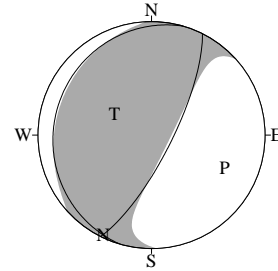
Cent.:38°41.7'N 142°15.4'E 40km $\Delta t = 0.9$
 Mo: 3.48×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr:-1.41 mtt: 1.18 mff: 0.23
 mrt: 2.09 mrf: 2.27 mtf: 0.95 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 77° 16° -58° P-axis:-3.36 123° 57°
 NP2:224° 77° -98° T-axis: 3.59 321° 31°
 N-axis:-0.23 226° 8°
 V.R.: 86% ϵ : 0.06 N:12 COMP:23

2015/10/07 12:01:17.5
 SOUTHERN MIE PREF
 Hypo.:33°57.1'N 136°15.6'E 390km



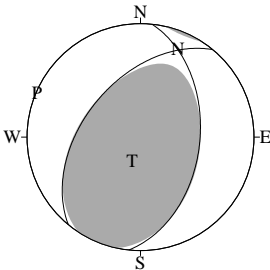
Cent.:33°57.1'N 136°15.3'E 392km $\Delta t = 0.9$
 Mo: 1.84×10^{16} N·m Mw:4.8 Mj:4.8 (sec)
 mrr: 0.48 mtt: 0.23 mff:-0.70
 mrt:-0.09 mrf:-1.42 mtf: 1.02 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:286° 36° 16° P-axis:-1.96 246° 27°
 NP2:183° 81° 125° T-axis: 1.73 127° 43°
 N-axis: 0.23 357° 34°
 V.R.: 77% ϵ :-0.12 N:17 COMP:21

2015/10/13 13:24:10.8
 NE OFF IWATE PREF
 Hypo.:40° 4.0'N 142°42.3'E 27km



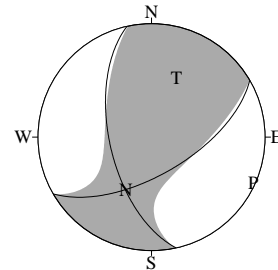
Cent.:40° 4.0'N 142°42.4'E 27km $\Delta t = 0.5$
 Mo: 9.11×10^{15} N·m Mw:4.6 Mj:4.5 (sec)
 mrr: 3.88 mtt: 0.22 mff:-4.10
 mrt: 3.59 mrf: 7.08 mtf:-2.19 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 75° 93° P-axis:-9.66 114° 30°
 NP2:196° 15° 80° T-axis: 8.55 300° 59°
 N-axis: 1.10 206° 3°
 V.R.: 77% ϵ :-0.11 N:17 COMP:21

2015/10/13 20:49: 3.7
 TAIWAN REGION
 Hypo.:23°28.6'N 121°38.9'E 49km



Cent.:23°37.2'N 121°38.8'E 53km $\Delta t = 4.7$
 Mo: 2.70×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
 mrr: 2.52 mtt:-0.31 mff:-2.21
 mrt:-0.83 mrf: 0.24 mtf:-0.96 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 6° 47° 66° P-axis:-2.61 293° 1°
 NP2:219° 49° 114° T-axis: 2.80 199° 72°
 N-axis:-0.19 23° 17°
 V.R.: 86% ϵ : 0.07 N:9 COMP:17

2015/10/17 14:17:59.4
 OFF NEMURO PENINSULA
 Hypo.:43°11.7'N 146°25.9'E 51km

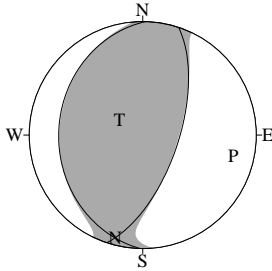


Cent.:43°11.7'N 146°26.1'E 51km $\Delta t = 0.4$
 Mo: 4.55×10^{15} N·m Mw:4.4 Mj:4.5 (sec)
 mrr: 2.33 mtt: 1.35 mff:-3.68
 mrt: 1.67 mrf:-0.48 mtf:-2.78 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 60° 63° 145° P-axis:-4.92 114° 2°
 NP2:168° 60° 32° T-axis: 4.18 23° 43°
 N-axis: 0.74 206° 47°
 V.R.: 75% ϵ :-0.15 N:13 COMP:17

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

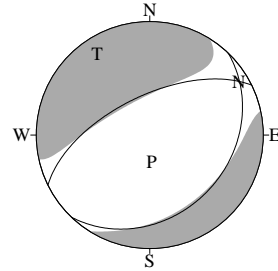
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth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

2015/10/18 09:47:39.6
 E OFF AOMORI PREF
 Hypo.:41°29.5'N 142° 0.1'E 65km



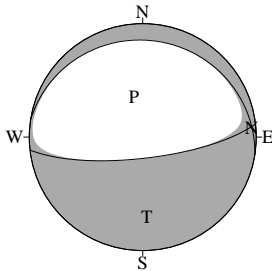
Cent.:41°29.5'N 142° 0.4'E 65km $\Delta t = 0.5$
 Mo: 6.96×10^{15} N·m Mw:4.5 Mj:4.4 (sec)
 mrr: 5.25 mtt: 0.24 mff:-5.49
 mrt: 1.68 mrf: 3.96 mtf:-1.08 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 64° 98° P-axis:-7.12 103° 19°
 NP2:181° 27° 75° T-axis: 6.80 304° 70°
 N-axis: 0.33 195° 7°
 V.R.: 73% ϵ : -0.05 N:19 COMP:25

2015/10/19 11:17:35.8
 TAIWAN REGION
 Hypo.:24°51.3'N 121°58.1'E 35km



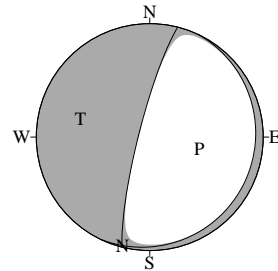
Cent.:24°40.1'N 121°58.2'E 10km $\Delta t = 3.9$
 Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr:-1.08 mtt: 0.80 mff: 0.28
 mrt: 0.73 mrf: 0.28 mtf: 0.73 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 30° -108° P-axis:-1.30 176° 71°
 NP2:244° 62° -80° T-axis: 1.50 327° 16°
 N-axis:-0.20 59° 9°
 V.R.: 82% ϵ : 0.13 N:7 COMP:16

2015/10/20 18:29: 9.3
 W OFF OGASAWARA
 Hypo.:27° 7.6'N 140°37.6'E 314km



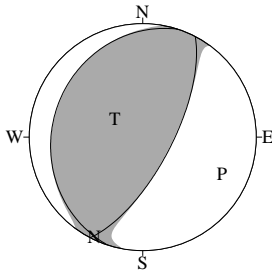
Cent.:27° 9.3'N 140°37.1'E 325km $\Delta t = 1.1$
 Mo: 3.50×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
 mrr:-1.82 mtt: 1.75 mff: 0.07
 mrt:-2.98 mrf:-0.42 mtf:-0.05 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 84° 75° -94° P-axis:-3.60 348° 60°
 NP2:279° 16° -75° T-axis: 3.40 177° 30°
 N-axis: 0.10 85° 4°
 V.R.: 81% ϵ : -0.03 N:21 COMP:37

2015/10/21 15:04:49.4
 E OFF FUKUSHIMA PREF
 Hypo.:37°18.8'N 141°11.5'E 37km



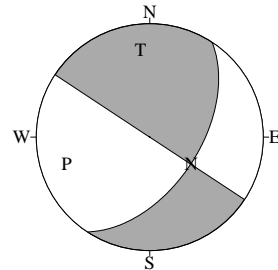
Cent.:37°29.4'N 141°10.8'E 20km $\Delta t = 8.1$
 Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr:-0.35 mtt: 0.06 mff: 0.29
 mrt: 0.28 mrf: 1.13 mtf: 0.10 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 24° 8° -80° P-axis:-1.20 103° 53°
 NP2:194° 82° -91° T-axis: 1.20 285° 37°
 N-axis: 0.00 194° 1°
 V.R.: 79% ϵ : -0.02 N:14 COMP:26

2015/10/23 01:18:50.0
 E OFF IWATE PREF
 Hypo.:39°20.4'N 142° 3.6'E 48km



Cent.:39°22.0'N 142° 3.9'E 48km $\Delta t = 0.7$
 Mo: 2.60×10^{16} N·m Mw:4.9 Mj:4.6 (sec)
 mrr: 1.69 mtt:-0.19 mff:-1.50
 mrt: 0.94 mrf: 1.70 mtf:-0.68 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 69° 93° P-axis:-2.65 115° 24°
 NP2:198° 21° 81° T-axis: 2.56 303° 66°
 N-axis: 0.08 206° 3°
 V.R.: 79% ϵ : -0.03 N:46 COMP:66

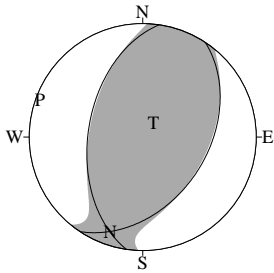
2015/10/31 15:49:10.8
 NW OFF KINKI DISTRICT
 Hypo.:35°49.9'N 135°22.1'E 364km



Cent.:35°50.8'N 135°22.0'E 367km $\Delta t = 1.0$
 Mo: 1.61×10^{16} N·m Mw:4.7 Mj:4.6 (sec)
 mrr: 0.00 mtt: 1.20 mff:-1.20
 mrt: 0.79 mrf:-0.52 mtf: 0.52 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 33° 54° 180° P-axis:-1.61 252° 24°
 NP2:123° 90° 35° T-axis: 1.61 354° 24°
 N-axis: 0.00 123° 54°
 V.R.: 84% ϵ : 0.00 N:32 COMP:47

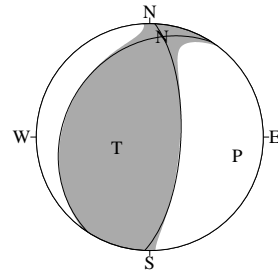
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/10/31 16:56:33.6
 W OFF AKITA PREF
 Hypo.:39°49.4'N 138°39.1'E 37km



Cent.:39°49.4'N 138°38.5'E 10km $\Delta t = 0.5$
 $M_0: 5.90 \times 10^{15} \text{N}\cdot\text{m}$ $M_w: 4.4$ $M_j: 4.8$ (sec)
 $m_{rr}: 5.38$ $m_{tt}: -0.16$ $m_{ff}: -5.21$
 $m_{rt}: 0.80$ $m_{rf}: -1.11$ $m_{tf}: -2.24$ ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 33° 43° 109° P-axis: -6.11 290° 4°
 NP2: 188° 50° 73° T-axis: 5.68 36° 77°
 N-axis: 0.43 199° 13°
 V.R.: 78% $\epsilon: -0.07$ N:22 COMP:32

2015/10/31 23:20: 5.7
 SOUTHERN IBARAKI PREF
 Hypo.:35°51.6'N 140°37.7'E 51km



Cent.:35°51.6'N 140°38.7'E 51km $\Delta t = 0.5$
 $M_0: 7.58 \times 10^{15} \text{N}\cdot\text{m}$ $M_w: 4.5$ $M_j: 4.5$ (sec)
 $m_{rr}: 5.04$ $m_{tt}: 0.20$ $m_{ff}: -5.24$
 $m_{rt}: -0.29$ $m_{rf}: 5.26$ $m_{tf}: -1.83$ ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 3° 68° 77° P-axis: -7.77 102° 22°
 NP2: 213° 26° 118° T-axis: 7.40 251° 65°
 N-axis: 0.38 7° 12°
 V.R.: 70% $\epsilon: -0.05$ N:31 COMP:46

EQUAL AREA PROJECTON, LOWER HEMISPHERE.