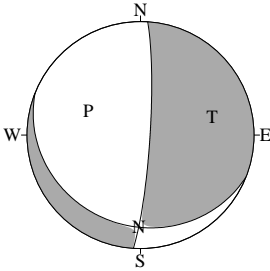


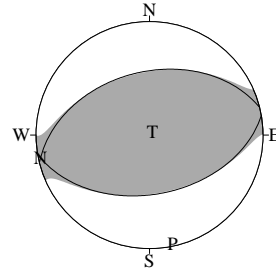
CMT SOLUTIONS FOR EARTHQUAKES IN MARCH, 2015

2015/03/04 00:04:20.8
CENTRAL AICHI PREF
Hypo.:35°20.6'N 136°48.2'E 40km



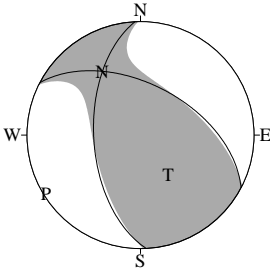
Cent.:35°20.6'N 136°48.1'E 40km $\Delta t = 0.5$
Mo: 9.21×10^{15} N·m Mw:4.6 Mj:4.6 (sec)
mrr:-2.03 mtt:-0.42 mff: 2.45
mrt:-0.88 mrf:-8.37 mtf:-2.97 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 4° 83° -70° P-axis:-9.18 295° 48°
NP2:112° 21° -161° T-axis: 9.23 76° 35°
N-axis:-0.05 181° 20°
V.R.: 75% ϵ : 0.00 N:43 COMP:57

2015/03/06 02:55:27.7
NEAR HACHIJOJIMA ISLAND
Hypo.:32°46.5'N 139° 5.2'E 232km



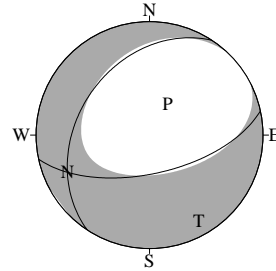
Cent.:32°45.5'N 139° 4.8'E 232km $\Delta t = 0.6$
Mo: 8.43×10^{15} N·m Mw:4.6 Mj:4.6 (sec)
mrr: 8.23 mtt:-8.21 mff:-0.02
mrt: 0.49 mrf:-0.19 mtf:-1.82 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 80° 47° 93° P-axis:-8.61 168° 2°
NP2:256° 44° 87° T-axis: 8.26 43° 87°
N-axis: 0.35 258° 2°
V.R.: 80% ϵ :-0.04 N:15 COMP:20

2015/03/06 08:06: 0.8
HIDAKA REGION
Hypo.:42°24.2'N 142°37.3'E 57km



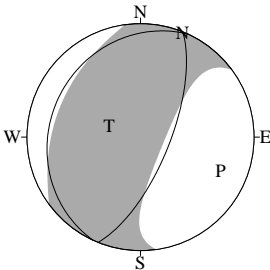
Cent.:42°19.6'N 142°37.3'E 59km $\Delta t = 2.0$
Mo: 2.08×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
mrr: 1.39 mtt:-0.06 mff:-1.34
mrt:-0.61 mrf:-0.51 mtf: 1.37 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:298° 53° 44° P-axis:-2.21 238° 2°
NP2:177° 56° 134° T-axis: 1.95 145° 55°
N-axis: 0.26 329° 35°
V.R.: 85% ϵ :-0.12 N:17 COMP:32

2015/03/08 08:16:43.4
E OFF AOMORI PREF
Hypo.:40°35.6'N 142°30.6'E 30km



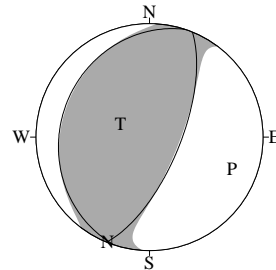
Cent.:40°35.7'N 142°30.8'E 40km $\Delta t = 0.4$
Mo: 3.40×10^{15} N·m Mw:4.3 Mj:4.3 (sec)
mrr:-2.73 mtt: 1.75 mff: 0.97
mrt:-1.96 mrf: 0.55 mtf: 1.38 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 78° 62° -65° P-axis:-3.69 30° 64°
NP2:213° 37° -128° T-axis: 3.10 150° 14°
N-axis: 0.59 246° 22°
V.R.: 76% ϵ :-0.16 N:13 COMP:16

2015/03/08 19:35:24.7
FAR E OFF SANRIKU
Hypo.:39°56.9'N 143°31.9'E 30km



Cent.:39°56.9'N 143°31.5'E 30km $\Delta t = 11.4$
Mo: 5.11×10^{15} N·m Mw:4.4 Mj:4.5 (sec)
mrr: 2.66 mtt: 0.64 mff:-3.31
mrt: 1.42 mrf: 3.52 mtf:-2.03 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 22° 69° 89° P-axis:-5.86 113° 24°
NP2:205° 21° 93° T-axis: 4.36 290° 66°
N-axis: 1.50 22° 1°
V.R.: 68% ϵ :-0.26 N:20 COMP:26

2015/03/12 20:02:39.5
E OFF FUKUSHIMA PREF
Hypo.:37°20.0'N 141°35.2'E 46km

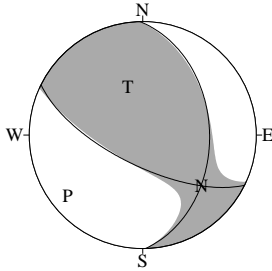


Cent.:37°32.9'N 141°34.7'E 42km $\Delta t = 6.2$
Mo: 3.60×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
mrr: 2.39 mtt:-0.11 mff:-2.29
mrt: 1.00 mrf: 2.38 mtf:-0.94 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 22° 68° 92° P-axis:-3.72 111° 23°
NP2:198° 22° 86° T-axis: 3.48 295° 67°
N-axis: 0.24 202° 1°
V.R.: 76% ϵ :-0.06 N:23 COMP:28

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

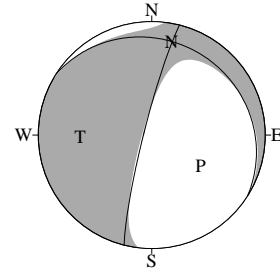
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2015/03/15 00:36:10.3
 FAR SE OFF BOSO PEN
 Hypo.:34°17.1'N 141°35.1'E 32km



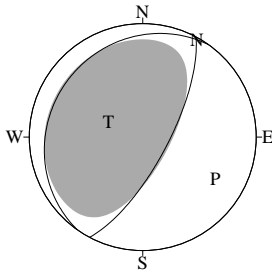
Cent.:34°21.7'N 141°34.0'E 12km $\Delta t = 4.4$
 Mo: 5.22×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
 mrr:-2.91 mtt:-0.16 mff:-2.76
 mrt: 3.07 mrf:-0.57 mtf: 3.09 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:359° 41° 145° P-axis:-5.43 231° 16°
 NP2:116° 68° 55° T-axis: 5.00 343° 53°
 N-axis: 0.42 131° 32°
 V.R.: 81% ϵ :-0.08 N:24 COMP:47

2015/03/18 00:47:58.2
 NEAR ETOROFU ISLAND
 Hypo.:44°37.2'N 147° 9.4'E 1km



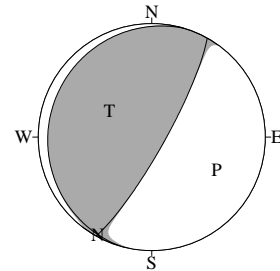
Cent.:44°37.2'N 147° 9.6'E 10km $\Delta t = 0.6$
 Mo: 1.03×10^{16} N·m Mw:4.6 Mj:4.7 (sec)
 mrr:-0.23 mtt:-0.06 mff: 0.29
 mrt: 0.30 mrf: 0.92 mtf:-0.24 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:302° 18°-161° P-axis:-1.08 122° 48°
 NP2:194° 84° -73° T-axis: 0.99 269° 37°
 N-axis: 0.08 12° 17°
 V.R.: 81% ϵ :-0.08 N:20 COMP:29

2015/03/19 10:33:54.7
 KINKAZAN REGION
 Hypo.:38°31.6'N 141°49.0'E 50km



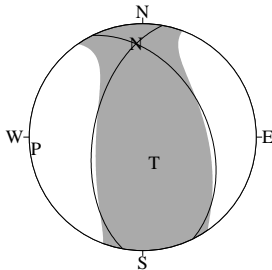
Cent.:38°35.2'N 141°49.4'E 50km $\Delta t = 0.5$
 Mo: 1.46×10^{16} N·m Mw:4.7 Mj:4.8 (sec)
 mrr: 0.95 mtt:-0.35 mff:-0.60
 mrt: 0.53 mrf: 1.06 mtf:-0.28 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 72° 88° P-axis:-1.38 120° 27°
 NP2:215° 18° 97° T-axis: 1.55 294° 63°
 N-axis:-0.18 29° 2°
 V.R.: 74% ϵ : 0.11 N:44 COMP:59

2015/03/20 08:30:17.5
 FAR E OFF SANRIKU
 Hypo.:39°41.6'N 143°38.8'E 31km



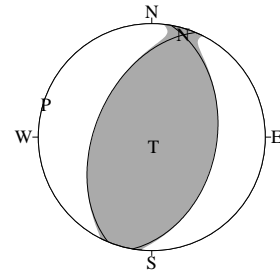
Cent.:39°41.6'N 143°39.5'E 10km $\Delta t = 0.4$
 Mo: 4.11×10^{15} N·m Mw:4.3 Mj:4.6 (sec)
 mrr: 1.28 mtt:-0.15 mff:-1.13
 mrt: 1.92 mrf: 3.38 mtf:-0.52 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 81° 92° P-axis:-4.14 117° 36°
 NP2:197° 10° 78° T-axis: 4.08 302° 54°
 N-axis: 0.06 209° 2°
 V.R.: 70% ϵ :-0.01 N:15 COMP:16

2015/03/20 21:01:31.1
 NW OFF ISHIGAKIJIMA IS
 Hypo.:24°30.5'N 122°51.6'E 71km



Cent.:24°30.5'N 122°51.7'E 71km $\Delta t = 0.4$
 Mo: 4.85×10^{15} N·m Mw:4.4 Mj:4.4 (sec)
 mrr: 3.84 mtt: 1.36 mff:-5.20
 mrt:-0.84 mrf:-1.12 mtf: 0.84 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:334° 42° 61° P-axis:-5.42 264° 6°
 NP2:190° 54° 113° T-axis: 4.28 156° 70°
 N-axis: 1.13 356° 19°
 V.R.: 81% ϵ :-0.21 N:5 COMP:8

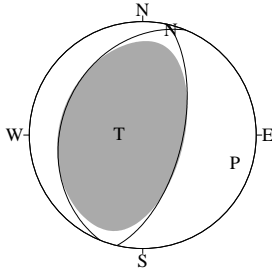
2015/03/23 19:13:50.5
 TAIWAN REGION
 Hypo.:23°42.8'N 121°41.6'E 37km



Cent.:23°28.6'N 121°41.5'E 39km $\Delta t = 4.9$
 Mo: 2.80×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
 mrr: 2.69 mtt:-0.13 mff:-2.57
 mrt:-0.38 mrf:-0.21 mtf:-0.78 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 10° 42° 80° P-axis:-2.80 287° 3°
 NP2:203° 49° 99° T-axis: 2.70 170° 83°
 N-axis: 0.10 17° 6°
 V.R.: 73% ϵ :-0.02 N:12 COMP:24

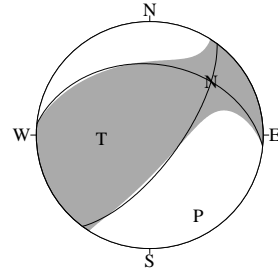
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/03/24 13:53:25.2
 SW IBARAKI PREF
 Hypo.:36°15.9'N 140° 4.7'E 68km



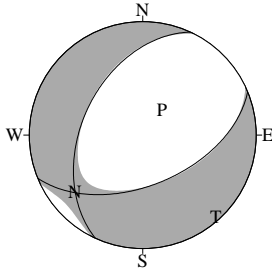
Cent.:36°15.9'N 140° 4.9'E 68km $\Delta t = 0.6$
 Mo: 1.41×10^{16} N·m Mw:4.7 Mj:4.6 (sec)
 mrr: 1.24 mtt:-0.21 mff:-1.03
 mrt: 0.11 mrf: 0.75 mtf:-0.30 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 13° 61° 86° P-axis:-1.35 107° 16°
 NP2:202° 29° 98° T-axis: 1.47 272° 73°
 N-axis:-0.12 15° 4°
 V.R.: 74% ϵ : 0.08 N:38 COMP:50

2015/03/25 09:34:28.7
 HIDAKA MOUNTAINS REGION
 Hypo.:42°21.1'N 143° 5.7'E 50km



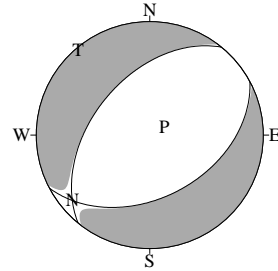
Cent.:42°24.3'N 143° 5.1'E 56km $\Delta t = 3.0$
 Mo: 3.61×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 2.02 mtt:-2.42 mff: 0.40
 mrt: 0.99 mrf: 2.00 mtf:-1.79 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 36° 69° 58° P-axis:-3.85 149° 18°
 NP2:276° 37° 143° T-axis: 3.37 266° 55°
 N-axis: 0.48 49° 29°
 V.R.: 70% ϵ :-0.12 N:19 COMP:26

2015/03/27 12:04: 8.4
 FAR E OFF CENTRAL HONSHU
 Hypo.:36°21.0'N 143° 2.1'E 56km



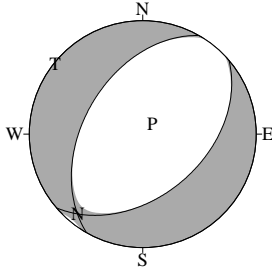
Cent.:36°24.0'N 143° 2.4'E 10km $\Delta t = 3.8$
 Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.3 (sec)
 mrr:-1.21 mtt: 0.63 mff: 0.58
 mrt:-0.52 mrf: 0.27 mtf: 0.76 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 68° 54° -61° P-axis:-1.50 37° 67°
 NP2:205° 45° -123° T-axis: 1.40 138° 4°
 N-axis: 0.10 230° 23°
 V.R.: 82% ϵ :-0.06 N:27 COMP:49

2015/03/27 21:32:14.5
 E OFF FUKUSHIMA PREF
 Hypo.:37°13.6'N 141°22.7'E 24km



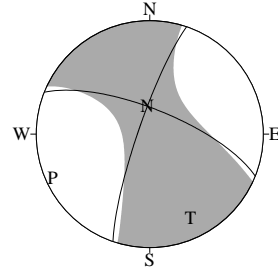
Cent.:37°13.6'N 141°22.7'E 10km $\Delta t = 0.5$
 Mo: 8.76×10^{15} N·m Mw:4.6 Mj:4.9 (sec)
 mrr:-8.32 mtt: 5.06 mff: 3.25
 mrt:-0.61 mrf: 1.68 mtf: 4.57 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 62° 44° -73° P-axis:-8.68 60° 78°
 NP2:219° 48° -106° T-axis: 8.84 320° 2°
 N-axis:-0.16 230° 12°
 V.R.: 76% ϵ : 0.02 N:50 COMP:76

2015/03/27 23:39:36.0
 E OFF FUKUSHIMA PREF
 Hypo.:37°14.1'N 141°24.6'E 24km



Cent.:37°14.1'N 141°24.9'E 10km $\Delta t = 0.6$
 Mo: 1.11×10^{16} N·m Mw:4.6 Mj:5.0 (sec)
 mrr:-1.09 mtt: 0.44 mff: 0.65
 mrt:-0.13 mrf: 0.15 mtf: 0.55 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 49° 45° -76° P-axis:-1.12 43° 80°
 NP2:210° 47° -104° T-axis: 1.10 309° 1°
 N-axis: 0.02 219° 10°
 V.R.: 75% ϵ :-0.02 N:21 COMP:29

2015/03/28 15:32:22.9
 FAR SE OFF BOSO PEN
 Hypo.:34°16.5'N 141°37.0'E 23km



Cent.:34°16.5'N 141°38.2'E 10km $\Delta t = 0.4$
 Mo: 3.17×10^{15} N·m Mw:4.3 Mj:4.5 (sec)
 mrr: 0.86 mtt: 1.57 mff:-2.44
 mrt:-0.39 mrf:-0.73 mtf: 2.28 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:199° 82° 162° P-axis:-3.52 246° 7°
 NP2:292° 72° 9° T-axis: 2.83 154° 19°
 N-axis: 0.70 355° 70°
 V.R.: 80% ϵ :-0.20 N:14 COMP:17

EQUAL AREA PROJECTON, LOWER HEMISPHERE.