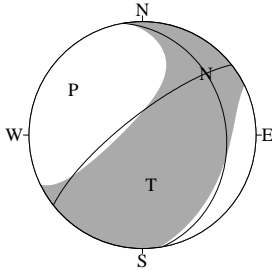


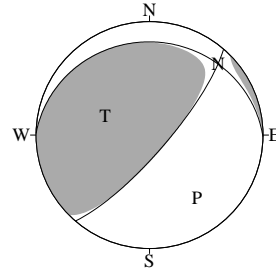
CMT SOLUTIONS FOR EARTHQUAKES IN JANUARY, 2014

2014/01/01 16:04: 5.1
EASTERN SEA OF JAPAN
Hypo.:41°52.5'N 137°40.8'E 299km



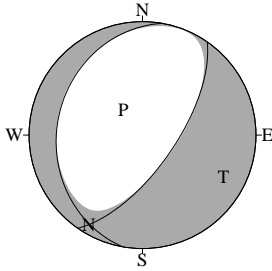
Cent.:41°49.8'N 137°41.1'E 317km $\Delta t = 1.2$
Mo: 2.97×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
mrr: 1.02 mtt: 0.46 mff:-1.48
mrt:-1.76 mrf:-1.60 mtf:-1.41 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:350° 27° 31° P-axis:-3.39 303° 28°
NP2:232° 76° 114° T-axis: 2.56 170° 53°
N-axis: 0.83 46° 23°
V.R.: 69% ϵ :-0.24 N:20 COMP:33

2014/01/02 22:11: 4.0
KUJUKURI COAST BOSO PEN
Hypo.:35°21.0'N 140°34.1'E 26km



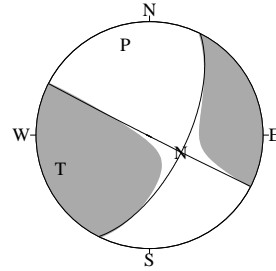
Cent.:35°25.5'N 140°34.1'E 31km $\Delta t = 5.1$
Mo: 3.33×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 1.41 mtt:-1.41 mff: 0.00
mrt: 1.74 mrf: 2.36 mtf:-0.70 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 41° 78° 76° P-axis:-3.26 143° 31°
NP2:271° 19° 139° T-axis: 3.39 293° 55°
N-axis:-0.13 44° 14°
V.R.: 65% ϵ : 0.04 N:33 COMP:74

2014/01/04 14:22:58.9
FAR E OFF FUKUSHIMA PREF
Hypo.:37° 1.2'N 143°20.4'E 50km



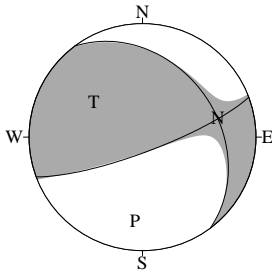
Cent.:37° 3.3'N 143°19.3'E 10km $\Delta t = 7.5$
Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.6 (sec)
mrr:-1.46 mtt: 0.21 mff: 1.25
mrt:-0.90 mrf:-1.01 mtf: 0.49 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 35° 67° -80° P-axis:-2.00 323° 67°
NP2:190° 25°-112° T-axis: 1.90 117° 21°
N-axis: 0.10 211° 9°
V.R.: 79% ϵ :-0.05 N:17 COMP:37

2014/01/05 23:28: 6.8
NEAR HACHIJOJIMA ISLAND
Hypo.:33°31.7'N 139°30.3'E 28km



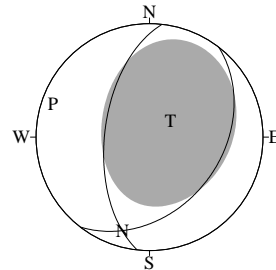
Cent.:33°32.8'N 139°31.5'E 23km $\Delta t = 0.4$
Mo: 5.97×10^{15} N·m Mw:4.5 Mj:4.6 (sec)
mrr:-0.39 mtt:-4.09 mff: 4.47
mrt:-2.24 mrf: 1.35 mtf:-3.24 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 64° -1° P-axis:-5.75 345° 19°
NP2:117° 89°-154° T-axis: 6.19 249° 17°
N-axis:-0.44 119° 64°
V.R.: 69% ϵ : 0.07 N:18 COMP:28

2014/01/07 03:49:41.3
NW OFF ISHIGAKIJIMA IS
Hypo.:25°17.5'N 122°47.7'E 223km



Cent.:25°18.0'N 122°47.9'E 224km $\Delta t = 0.8$
Mo: 3.83×10^{16} N·m Mw:5.0 Mj:4.9 (sec)
mrr: 1.17 mtt:-2.47 mff: 1.30
mrt: 2.70 mrf: 1.28 mtf: 1.10 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 69° 79° 57° P-axis:-3.94 185° 27°
NP2:323° 34° 161° T-axis: 3.74 306° 46°
N-axis: 0.20 76° 32°
V.R.: 56% ϵ :-0.05 N:6 COMP:10

2014/01/09 01:50:27.7
KURILE ISLANDS REGION
Hypo.:46°31.3'N 153°19.5'E 30km

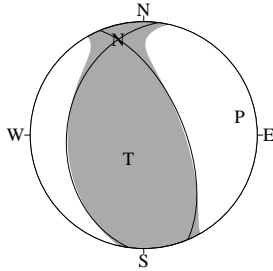


Cent.:46°31.3'N 153°22.2'E 30km $\Delta t = 0.6$
Mo: 1.19×10^{16} N·m Mw:4.7 Mj:5.3 (sec)
mrr: 1.15 mtt:-0.33 mff:-0.83
mrt: 0.26 mrf:-0.53 mtf:-0.30 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 37° 37° 116° P-axis:-1.04 289° 11°
NP2:186° 57° 72° T-axis: 1.35 53° 71°
N-axis:-0.31 196° 15°
V.R.: 60% ϵ : 0.23 N:7 COMP:12

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

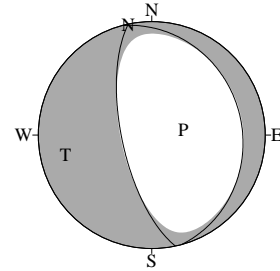
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge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

2014/01/09 03:15:11.9
 NW OFF ISHIGAKIJIMA IS
 Hypo.: 24°34.7'N 123°27.5'E 70km



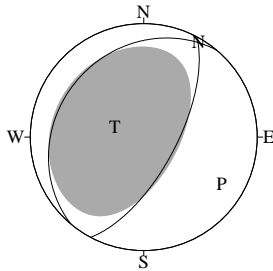
Cent.: 24°32.2'N 123°27.8'E 62km $\Delta t = 3.7$
 Mo: 1.20×10^{17} N·m Mw: 5.3 Mj: 5.5 (sec)
 mrr: 0.91 mtt: 0.14 mff: -1.05
 mrt: -0.34 mrf: 0.50 mtf: 0.18 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 337° 61° 74° P-axis: -1.20 79° 15°
 NP2: 188° 33° 116° T-axis: 1.10 213° 70°
 N-axis: 0.10 345° 14°
 V.R.: 76% ϵ : -0.08 N: 6 COMP: 13

2014/01/09 03:57:32.7
 NORTHERN IBARAKI PREF
 Hypo.: 36°47.3'N 140°34.8'E 7km



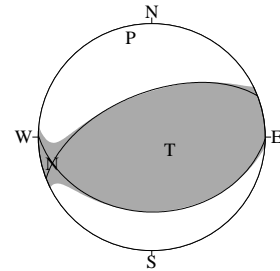
Cent.: 36°47.3'N 140°34.6'E 10km $\Delta t = 0.4$
 Mo: 4.31×10^{15} N·m Mw: 4.4 Mj: 4.6 (sec)
 mrr: -3.06 mtt: 0.38 mff: 2.68
 mrt: -0.61 mrf: 3.08 mtf: -0.60 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 345° 22° -93° P-axis: -4.42 80° 67°
 NP2: 168° 68° -89° T-axis: 4.19 257° 23°
 N-axis: 0.24 348° 1°
 V.R.: 74% ϵ : -0.05 N: 28 COMP: 35

2014/01/09 13:31:54.4
 S OFF URAKAWA
 Hypo.: 42° 3.5'N 142°38.7'E 60km



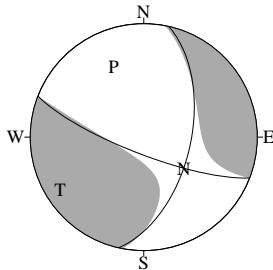
Cent.: 42° 3.5'N 142°39.1'E 60km $\Delta t = 0.6$
 Mo: 1.43×10^{16} N·m Mw: 4.7 Mj: 4.7 (sec)
 mrr: 1.16 mtt: -0.48 mff: -0.69
 mrt: 0.39 mrf: 0.90 mtf: -0.33 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 67° 85° P-axis: -1.30 121° 21°
 NP2: 220° 24° 101° T-axis: 1.55 289° 68°
 N-axis: -0.25 30° 4°
 V.R.: 67% ϵ : 0.16 N: 24 COMP: 35

2014/01/11 03:02:55.5
 FAR FIELD
 Hypo.: 47°52.4'N 154°44.3'E 30km



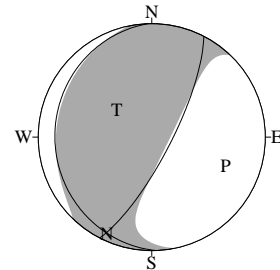
Cent.: 47°52.6'N 154°47.4'E 50km $\Delta t = 1.0$
 Mo: 5.23×10^{16} N·m Mw: 5.1 Mj: 5.5 (sec)
 mrr: 4.51 mtt: -4.73 mff: 0.22
 mrt: -1.85 mrf: -1.30 mtf: -0.95 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 91° 34° 109° P-axis: -5.35 348° 12°
 NP2: 249° 58° 78° T-axis: 5.12 125° 74°
 N-axis: 0.23 255° 10°
 V.R.: 76% ϵ : -0.04 N: 7 COMP: 14

2014/01/11 12:56:49.0
 NW OFF SHAKOTAN PEN
 Hypo.: 43°37.2'N 139°14.5'E 236km



Cent.: 43°41.8'N 139°14.4'E 236km $\Delta t = 1.0$
 Mo: 2.46×10^{16} N·m Mw: 4.9 Mj: 4.7 (sec)
 mrr: -0.74 mtt: -0.72 mff: 1.45
 mrt: -1.20 mrf: 0.26 mtf: -1.74 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 13° 56° -15° P-axis: -2.29 337° 33°
 NP2: 111° 78° -145° T-axis: 2.62 238° 14°
 N-axis: -0.34 128° 53°
 V.R.: 70% ϵ : 0.13 N: 34 COMP: 50

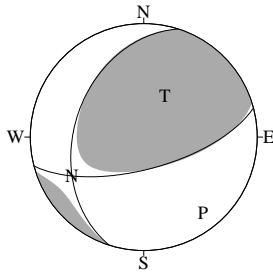
2014/01/16 10:12:15.4
 NE OFF IWATE PREF
 Hypo.: 40° 3.6'N 142°43.4'E 28km



Cent.: 40° 7.4'N 142°43.3'E 31km $\Delta t = 5.2$
 Mo: 4.46×10^{16} N·m Mw: 5.0 Mj: 5.1 (sec)
 mrr: 1.77 mtt: 0.45 mff: -2.22
 mrt: 1.82 mrf: 3.47 mtf: -0.84 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 76° 98° P-axis: -4.76 111° 31°
 NP2: 178° 16° 62° T-axis: 4.17 308° 58°
 N-axis: 0.59 205° 7°
 V.R.: 68% ϵ : -0.12 N: 13 COMP: 23

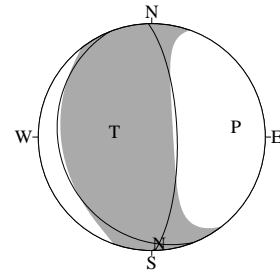
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/01/17 07:56: 7.7
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.: 27°59.2'N 129°30.0'E 32km



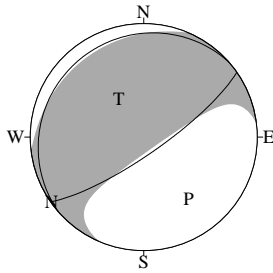
Cent.: 27°52.3'N 129°31.5'E 31km $\Delta t = 4.3$
 Mo: 3.91×10^{16} N·m Mw: 5.0 Mj: 4.8 (sec)
 mrr: 2.45 mtt: -1.25 mff: -1.20
 mrt: 2.51 mrf: -0.35 mtf: -2.10 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 75° 67° 122° P-axis: -3.77 142° 16°
 NP2: 198° 39° 39° T-axis: 4.05 27° 56°
 N-axis: -0.28 242° 29°
 V.R.: 56% ϵ : 0.07 N: 17 COMP: 36

2014/01/18 14:00:41.4
 NEAR CHICHIJIMA ISLAND
 Hypo.: 28°58.4'N 142°28.8'E 30km



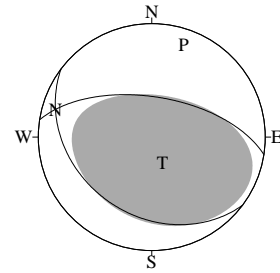
Cent.: 28°57.0'N 142°29.8'E 12km $\Delta t = 6.7$
 Mo: 1.90×10^{17} N·m Mw: 5.4 Mj: 5.6 (sec)
 mrr: 0.91 mtt: 0.36 mff: -1.27
 mrt: -0.04 mrf: 1.48 mtf: 0.27 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 358° 72° 96° P-axis: -2.00 83° 26°
 NP2: 159° 19° 71° T-axis: 1.70 278° 63°
 N-axis: 0.40 176° 6°
 V.R.: 83% ϵ : -0.19 N: 22 COMP: 43

2014/01/20 09:56:30.4
 KURILE ISLANDS REGION
 Hypo.: 46°23.5'N 153°54.3'E 30km



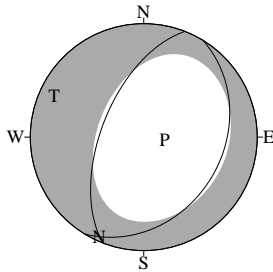
Cent.: 46°23.6'N 153°56.2'E 10km $\Delta t = 0.8$
 Mo: 2.74×10^{16} N·m Mw: 4.9 Mj: 5.1 (sec)
 mrr: 0.91 mtt: -0.71 mff: -0.20
 mrt: 2.05 mrf: 1.43 mtf: -0.88 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 55° 78° 91° P-axis: -2.97 144° 33°
 NP2: 229° 12° 84° T-axis: 2.51 327° 57°
 N-axis: 0.45 235° 1°
 V.R.: 74% ϵ : -0.15 N: 12 COMP: 26

2014/01/23 18:20:56.7
 E OFF BOSO PENINSULA
 Hypo.: 35°13.2'N 140°59.4'E 40km



Cent.: 35°13.2'N 140°59.9'E 20km $\Delta t = 0.4$
 Mo: 4.56×10^{15} N·m Mw: 4.4 Mj: 4.5 (sec)
 mrr: 4.02 mtt: -3.10 mff: -0.91
 mrt: -2.44 mrf: -0.39 mtf: 1.28 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 127° 32° 114° P-axis: -4.24 19° 15°
 NP2: 279° 61° 75° T-axis: 4.87 157° 70°
 N-axis: -0.64 286° 13°
 V.R.: 60% ϵ : 0.13 N: 11 COMP: 20

2014/01/29 05:37:52.9
 FAR E OFF NORTH HONSHU
 Hypo.: 37°18.7'N 144°33.0'E 47km



Cent.: 37°14.7'N 144°33.6'E 20km $\Delta t = 0.6$
 Mo: 1.34×10^{16} N·m Mw: 4.7 Mj: 5.2 (sec)
 mrr: -1.32 mtt: 0.46 mff: 0.87
 mrt: 0.14 mrf: 0.63 mtf: 0.30 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 31° 31° -81° P-axis: -1.49 97° 75°
 NP2: 201° 59° -95° T-axis: 1.18 295° 14°
 N-axis: 0.31 204° 4°
 V.R.: 75% ϵ : -0.21 N: 22 COMP: 34

EQUAL AREA PROJECTON, LOWER HEMISPHERE.