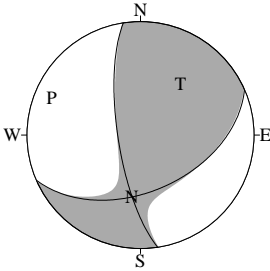


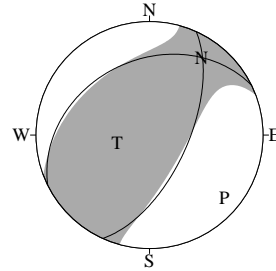
CMT SOLUTIONS FOR EARTHQUAKES IN APRIL, 2015

2015/04/03 04:04:42.5
E OFF MIYAGI PREF
Hypo.:38°36.5'N 142° 0.2'E 52km



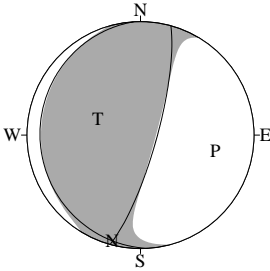
Cent.:38°36.5'N 142° 0.2'E 52km $\Delta t = 0.4$
Mo: 5.26×10^{15} N·m Mw:4.4 Mj:4.6 (sec)
mrr: 2.01 mtt: 1.13 mff:-3.14
mrt: 1.29 mrf:-2.83 mtf:-3.24 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 66° 49° 158° P-axis: -5.42 293° 16°
NP2: 171° 74° 44° T-axis: 5.11 38° 42°
N-axis: 0.30 188° 44°
V.R.: 74% ϵ : -0.06 N:30 COMP:35

2015/04/06 13:58:42.5
OFF NEMURO PENINSULA
Hypo.:42°58.8'N 145°26.0'E 47km



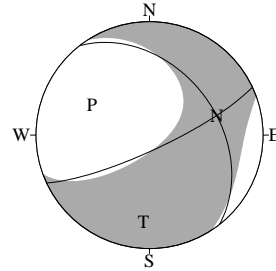
Cent.:42°58.8'N 145°26.6'E 47km $\Delta t = 0.4$
Mo: 4.42×10^{15} N·m Mw:4.4 Mj:4.3 (sec)
mrr: 3.14 mtt:-1.32 mff:-1.82
mrt: 0.57 mrf: 2.25 mtf:-2.67 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 24° 62° 69° P-axis: -4.79 130° 15°
NP2: 244° 34° 124° T-axis: 4.05 256° 66°
N-axis: 0.74 34° 19°
V.R.: 75% ϵ : -0.15 N:13 COMP:16

2015/04/11 16:45:11.0
E OFF AOMORI PREF
Hypo.:41° 2.0'N 142°49.6'E 24km



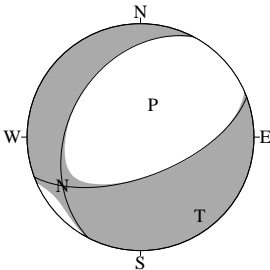
Cent.:41° 2.1'N 142°50.0'E 24km $\Delta t = 0.4$
Mo: 3.66×10^{15} N·m Mw:4.3 Mj:4.3 (sec)
mrr: 1.32 mtt: 0.27 mff:-1.59
mrt: 0.92 mrf: 3.22 mtf:-0.26 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 16° 78° 94° P-axis: -3.80 102° 33°
NP2: 176° 12° 71° T-axis: 3.53 291° 57°
N-axis: 0.27 195° 4°
V.R.: 76% ϵ : -0.07 N:10 COMP:11

2015/04/12 15:25:15.5
SE GUNMA PREF
Hypo.:36°22.8'N 138°55.4'E 144km



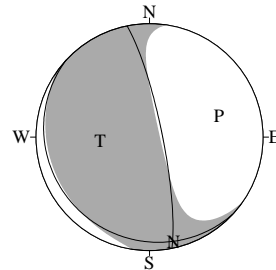
Cent.:36°22.8'N 138°55.4'E 144km $\Delta t = 0.5$
Mo: 5.58×10^{15} N·m Mw:4.4 Mj:4.3 (sec)
mrr: -1.49 mtt: 3.37 mff:-1.87
mrt: -3.08 mrf: -3.27 mtf:-1.96 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 65° 79° -129° P-axis: -6.28 298° 42°
NP2: 322° 40° -17° T-axis: 4.89 184° 24°
N-axis: 1.39 74° 38°
V.R.: 79% ϵ : -0.22 N:25 COMP:31

2015/04/13 04:25: 3.5
FAR E OFF NORTH HONSHU
Hypo.:37°13.3'N 143°41.5'E 56km



Cent.:37°16.3'N 143°42.3'E 10km $\Delta t = 1.9$
Mo: 7.20×10^{16} N·m Mw:5.2 Mj:5.2 (sec)
mrr: -5.65 mtt: 3.19 mff: 2.47
mrt: -3.94 mrf: 0.12 mtf: 3.51 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 69° 62° -67° P-axis: -7.36 21° 65°
NP2: 208° 36° -126° T-axis: 7.04 143° 14°
N-axis: 0.32 238° 20°
V.R.: 79% ϵ : -0.04 N:22 COMP:42

2015/04/13 23:37:49.1
NEAR TORISHIMA IS
Hypo.:30°48.3'N 142° 1.4'E 45km

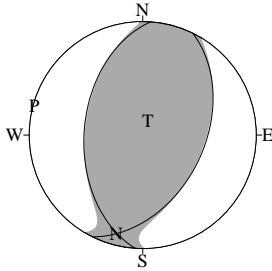


Cent.:30°48.0'N 142° 4.3'E 10km $\Delta t = 0.6$
Mo: 1.09×10^{16} N·m Mw:4.6 Mj:4.7 (sec)
mrr: 0.27 mtt: 0.08 mff: -0.35
mrt: -0.21 mrf: 1.01 mtf: 0.23 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 348° 81° 96° P-axis: -1.17 73° 36°
NP2: 133° 11° 55° T-axis: 1.02 266° 54°
N-axis: 0.15 167° 6°
V.R.: 70% ϵ : -0.13 N:11 COMP:14

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

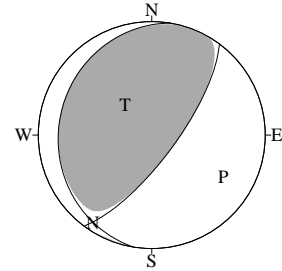
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2015/04/14 03:51: 4.4
 FAR E OFF SANRIKU
 Hypo.:39°48.9'N 143°41.4'E 31km



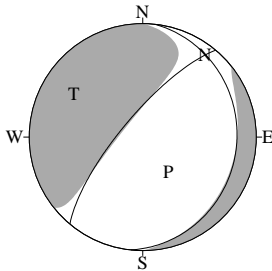
Cent.:39°41.2'N 143°43.0'E 10km $\Delta t = 0.7$
 Mo: 2.02×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
 mrr: 1.90 mtt: 0.02 mff:-1.92
 mrt: 0.33 mrf:-0.16 mtf:-0.56 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 45° 106° P-axis:-2.07 285° 1°
 NP2:184° 47° 74° T-axis: 1.97 20° 79°
 N-axis: 0.10 195° 11°
 V.R.: 72% ϵ : -0.05 N:41 COMP:59

2015/04/16 04:55: 0.7
 FAR E OFF SANRIKU
 Hypo.:39°21.2'N 143°38.3'E 45km



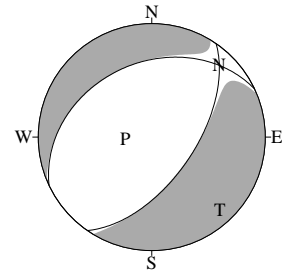
Cent.:39°16.7'N 143°38.8'E 16km $\Delta t = 1.8$
 Mo: 4.62×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr: 2.61 mtt:-0.34 mff:-2.27
 mrt: 2.45 mrf: 2.92 mtf:-0.95 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 37° 73° 99° P-axis:-4.56 120° 28°
 NP2:189° 19° 64° T-axis: 4.69 319° 61°
 N-axis:-0.12 214° 8°
 V.R.: 67% ϵ : 0.03 N:21 COMP:29

2015/04/16 17:17:29.0
 BUNGO CHANNEL
 Hypo.:33° 0.9'N 132° 3.4'E 44km



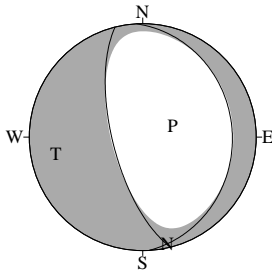
Cent.:33° 0.9'N 132° 3.1'E 44km $\Delta t = 0.3$
 Mo: 1.71×10^{15} N·m Mw:4.1 Mj:4.0 (sec)
 mrr:-0.77 mtt: 0.00 mff: 0.78
 mrt: 0.96 mrf: 1.09 mtf: 0.49 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 6° 18°-122° P-axis:-1.62 143° 59°
 NP2:220° 75° -80° T-axis: 1.80 302° 29°
 N-axis:-0.18 37° 10°
 V.R.: 71% ϵ : 0.10 N:9 COMP:10

2015/04/17 10:51:34.5
 FAR S OFF OKINAWAJIMA
 Hypo.:25° 6.3'N 128°54.2'E 54km



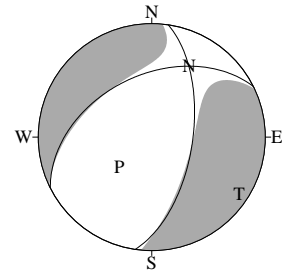
Cent.:25° 6.1'N 128°53.7'E 11km $\Delta t = 2.8$
 Mo: 4.20×10^{16} N·m Mw:5.0 Mj:4.9 (sec)
 mrr:-3.48 mtt: 2.07 mff: 1.41
 mrt:-0.61 mrf:-1.88 mtf: 2.14 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 59°-107° P-axis:-4.12 266° 71°
 NP2:245° 35° -64° T-axis: 4.28 137° 13°
 N-axis:-0.16 43° 14°
 V.R.: 90% ϵ : 0.04 N:13 COMP:27

2015/04/19 21:06:36.8
 FAR E OFF IZU ISLANDS
 Hypo.:30°28.4'N 142°48.9'E 50km



Cent.:30°36.1'N 142°50.4'E 12km $\Delta t = 0.3$
 Mo: 6.29×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
 mrr:-4.51 mtt: 0.42 mff: 4.09
 mrt:-1.31 mrf: 4.37 mtf:-0.53 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:357° 22° -80° P-axis:-6.49 69° 67°
 NP2:166° 68° -94° T-axis: 6.10 259° 23°
 N-axis: 0.39 167° 4°
 V.R.: 78% ϵ : -0.06 N:36 COMP:53

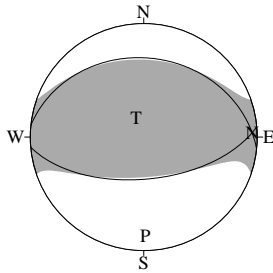
2015/04/20 07:33:24.7
 NEAR MINAMI-DAITOUJIMA IS
 Hypo.:27°21.3'N 130°35.6'E 67km



Cent.:27° 8.6'N 130°36.0'E 10km $\Delta t = 1.7$
 Mo: 3.99×10^{16} N·m Mw:5.0 Mj:4.6 (sec)
 mrr:-2.74 mtt: 0.46 mff: 2.28
 mrt: 0.62 mrf:-1.68 mtf: 2.53 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 8° 60°-125° P-axis:-3.76 227° 58°
 NP2:243° 45° -45° T-axis: 4.22 123° 9°
 N-axis:-0.46 28° 30°
 V.R.: 75% ϵ : 0.11 N:21 COMP:43

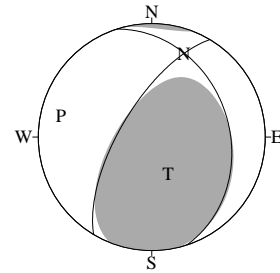
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/04/20 10:42:55.6
 NW OFF ISHIGAKIJIMA IS
 Hypo.: 23°57.3'N 122°25.6'E 22km



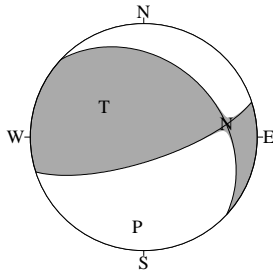
Cent.: 23°44.1'N 122°25.8'E 24km $\Delta t = 7.2$
 Mo: 3.98×10^{18} N·m Mw: 6.3 Mj: 6.8 (sec)
 mrr: 3.25 mtt: -3.70 mff: 0.45
 mrt: 1.90 mrf: 0.32 mtf: 0.00 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 85° 60° 84° P-axis: -4.19 179° 14°
 NP2: 276° 31° 100° T-axis: 3.76 339° 75°
 N-axis: 0.42 88° 5°
 V.R.: 80% ϵ : -0.10 N:14 COMP:29

2015/04/20 20:20:46.2
 TAIWAN REGION
 Hypo.: 23°39.2'N 121°38.9'E 40km



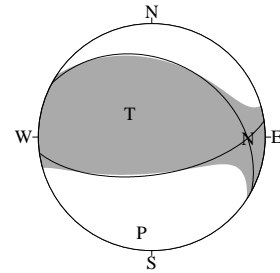
Cent.: 23°50.1'N 121°39.3'E 34km $\Delta t = 4.7$
 Mo: 2.75×10^{16} N·m Mw: 4.9 Mj: 5.1 (sec)
 mrr: 1.89 mtt: 0.21 mff: -2.10
 mrt: -1.44 mrf: -1.24 mtf: -0.15 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 342° 32° 46° P-axis: -2.58 283° 19°
 NP2: 211° 67° 114° T-axis: 2.92 156° 61°
 N-axis: -0.35 21° 22°
 V.R.: 80% ϵ : 0.12 N:6 COMP:14

2015/04/20 20:45:13.0
 NW OFF ISHIGAKIJIMA IS
 Hypo.: 23°57.4'N 122°28.5'E 21km



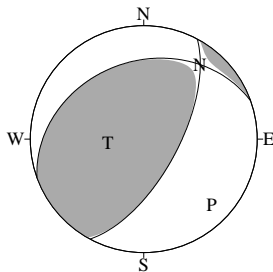
Cent.: 23°58.0'N 122°28.3'E 26km $\Delta t = 6.7$
 Mo: 7.60×10^{17} N·m Mw: 5.9 Mj: 6.0 (sec)
 mrr: 3.80 mtt: -5.49 mff: 1.69
 mrt: 4.84 mrf: 2.68 mtf: 1.67 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 72° 72° 61° P-axis: -7.60 184° 22°
 NP2: 313° 33° 147° T-axis: 7.50 307° 54°
 N-axis: 0.10 81° 27°
 V.R.: 69% ϵ : -0.01 N:13 COMP:21

2015/04/20 20:59:58.6
 NW OFF ISHIGAKIJIMA IS
 Hypo.: 23°56.0'N 122°29.1'E 21km



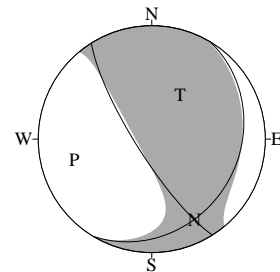
Cent.: 23°57.6'N 122°28.8'E 24km $\Delta t = 8.2$
 Mo: 1.13×10^{18} N·m Mw: 6.0 Mj: 6.4 (sec)
 mrr: 0.83 mtt: -1.01 mff: 0.19
 mrt: 0.59 mrf: 0.20 mtf: 0.19 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 82° 63° 71° P-axis: -1.20 186° 16°
 NP2: 298° 33° 122° T-axis: 1.07 317° 67°
 N-axis: 0.13 91° 16°
 V.R.: 68% ϵ : -0.11 N:14 COMP:26

2015/04/23 21:23:43.4
 S OFF URAKAWA
 Hypo.: 41°55.8'N 142°20.4'E 69km



Cent.: 41°55.8'N 142°20.6'E 69km $\Delta t = 0.6$
 Mo: 1.08×10^{16} N·m Mw: 4.6 Mj: 4.4 (sec)
 mrr: 0.78 mtt: -0.47 mff: -0.31
 mrt: 0.16 mrf: 0.66 mtf: -0.50 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 65° 69° P-axis: -1.07 134° 18°
 NP2: 250° 32° 127° T-axis: 1.09 264° 64°
 N-axis: -0.02 37° 19°
 V.R.: 74% ϵ : 0.02 N:33 COMP:52

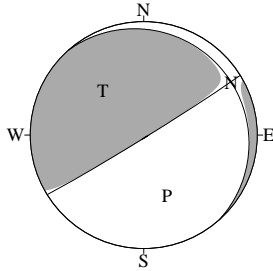
2015/04/23 23:31:40.4
 SOUTH SAKHALIN
 Hypo.: 45°42.5'N 142°11.9'E 317km



Cent.: 45°38.5'N 142°10.8'E 323km $\Delta t = 0.8$
 Mo: 2.59×10^{16} N·m Mw: 4.9 Mj: 4.8 (sec)
 mrr: 0.83 mtt: 0.75 mff: -1.58
 mrt: 1.19 mrf: -1.86 mtf: 0.21 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 31° 24° 151° P-axis: -2.77 255° 30°
 NP2: 148° 79° 69° T-axis: 2.42 33° 52°
 N-axis: 0.35 152° 21°
 V.R.: 84% ϵ : -0.13 N:17 COMP:28

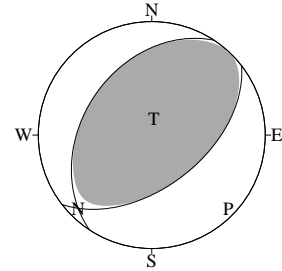
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2015/04/26 05:01:36.5
 NW OFF ISHIGAKIJIMA IS
 Hypo.:23°53.9'N 122°29.0'E 21km



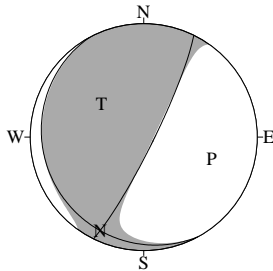
Cent.:23°53.1'N 122°28.8'E 10km $\Delta t = 5.3$
 Mo: 1.30×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr: 0.10 mtt:-0.29 mff: 0.19
 mrt: 1.12 mrf: 0.71 mtf: 0.09 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 58° 88° 79° P-axis:-1.30 159° 42°
 NP2:318° 11° 170° T-axis: 1.40 317° 46°
 N-axis: 0.00 59° 11°
 V.R.: 64% ϵ : 0.01 N:10 COMP:18

2015/04/29 09:26:52.3
 NEAR OKINAWAJIMA ISLAND
 Hypo.:26° 0.8'N 128°33.0'E 42km



Cent.:25°44.1'N 128°32.1'E 20km $\Delta t = 2.8$
 Mo: 3.70×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr: 3.54 mtt:-1.63 mff:-1.91
 mrt: 1.06 mrf: 0.21 mtf:-1.76 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 53° 102° P-axis:-3.65 134° 7°
 NP2:213° 39° 75° T-axis: 3.76 7° 78°
 N-axis:-0.11 225° 9°
 V.R.: 68% ϵ : 0.03 N:17 COMP:21

2015/04/30 01:09:49.6
 NE OFF IWATE PREF
 Hypo.:40° 3.5'N 142°52.7'E 24km



Cent.:40° 6.4'N 142°51.9'E 26km $\Delta t = 6.6$
 Mo: 1.90×10^{17} N·m Mw:5.4 Mj:5.4 (sec)
 mrr: 0.40 mtt: 0.25 mff:-0.64
 mrt: 0.79 mrf: 1.58 mtf:-0.05 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 83° 100° P-axis:-1.90 108° 37°
 NP2:152° 12° 36° T-axis: 1.80 308° 51°
 N-axis: 0.10 205° 10°
 V.R.: 74% ϵ :-0.06 N:29 COMP:54

EQUAL AREA PROJECTON, LOWER HEMISPHERE.