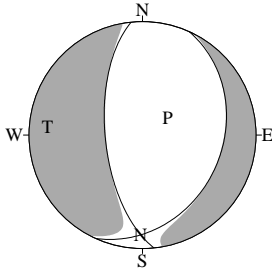


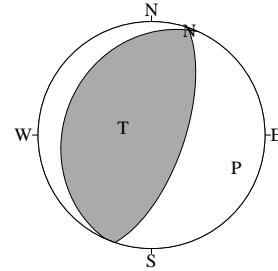
CMT SOLUTIONS FOR EARTHQUAKES IN JUNE, 2014

2014/06/02 00:27:56.3
E OFF TANEGASHIMA ISLAND
Hypo.:30°26.6'N 131°48.8'E 45km



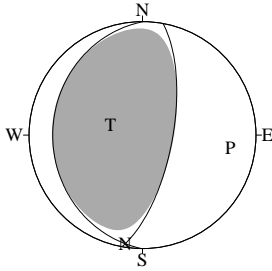
Cent.:30°26.7'N 131°48.7'E 10km $\Delta t = 0.4$
Mo: 4.15×10^{15} N·m Mw:4.3 Mj:4.1 (sec)
mrr:-3.16 mtt:-0.32 mff:3.49
mrt:-0.65 mrf:2.31 mtf:0.60 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:24° 30° -64° P-axis:-4.06 55° 68°
NP2:174° 63° -105° T-axis:4.24 275° 17°
N-axis:-0.18 181° 13°
V.R.:59% ϵ :0.04 N:20 COMP:26

2014/06/04 02:22:23.5
NORTHERN IBARAKI PREF
Hypo.:36°27.3'N 140°36.1'E 56km



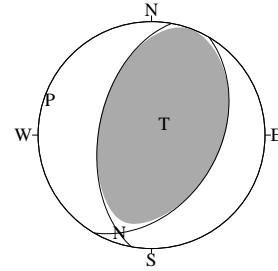
Cent.:36°27.3'N 140°36.8'E 56km $\Delta t = 0.4$
Mo: 2.97×10^{15} N·m Mw:4.2 Mj:4.3 (sec)
mrr:2.18 mtt:-0.29 mff:-1.89
mrt:0.60 mrf:1.92 mtf:-0.75 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:19° 66° 88° P-axis:-2.97 111° 21°
NP2:205° 24° 95° T-axis:2.97 284° 69°
N-axis:0.00 20° 2°
V.R.:63% ϵ :0.00 N:14 COMP:22

2014/06/04 22:15:49.4
E OFF HACHIJOJIMA ISLAND
Hypo.:32°30.4'N 141°52.9'E 35km



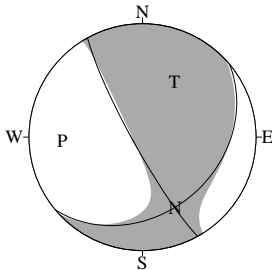
Cent.:32°26.1'N 141°55.5'E 10km $\Delta t = 1.2$
Mo: 4.59×10^{16} N·m Mw:5.0 Mj:4.9 (sec)
mrr:3.25 mtt:-0.22 mff:-3.03
mrt:0.73 mrf:3.26 mtf:-0.25 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:10° 68° 94° P-axis:-4.47 98° 23°
NP2:181° 22° 81° T-axis:4.70 287° 66°
N-axis:-0.23 189° 3°
V.R.:85% ϵ :0.05 N:37 COMP:84

2014/06/08 14:24:29.6
SOUTHERN IWATE PREF
Hypo.:39° 7.1'N 141°45.1'E 67km



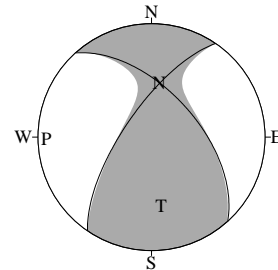
Cent.:39° 8.4'N 141°45.0'E 68km $\Delta t = 2.0$
Mo: 2.65×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr:2.56 mtt:-0.32 mff:-2.24
mrt:0.28 mrf:-0.65 mtf:-0.83 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:30° 40° 106° P-axis:-2.61 289° 6°
NP2:190° 51° 77° T-axis:2.70 49° 78°
N-axis:-0.10 198° 10°
V.R.:72% ϵ :0.04 N:23 COMP:35

2014/06/09 06:10:42.9
SENDAI BAY REGION
Hypo.:37°54.2'N 141°14.8'E 78km



Cent.:37°55.3'N 141°14.9'E 78km $\Delta t = 0.6$
Mo: 1.26×10^{16} N·m Mw:4.7 Mj:4.6 (sec)
mrr:0.25 mtt:0.56 mff:-0.82
mrt:0.49 mrf:-0.90 mtf:-0.19 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:50° 33° 167° P-axis:-1.33 267° 30°
NP2:151° 83° 57° T-axis:1.19 30° 43°
N-axis:0.14 155° 32°
V.R.:78% ϵ :-0.10 N:43 COMP:82

2014/06/09 07:50:59.1
E OFF AOMORI PREF
Hypo.:40°57.4'N 141°36.6'E 82km

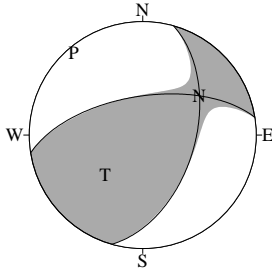


Cent.:40°57.4'N 141°36.6'E 82km $\Delta t = 0.6$
Mo: 1.10×10^{16} N·m Mw:4.6 Mj:4.6 (sec)
mrr:0.44 mtt:0.67 mff:-1.10
mrt:-0.47 mrf:-0.24 mtf:0.11 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:214° 70° 145° P-axis:-1.14 269° 8°
NP2:318° 57° 24° T-axis:1.06 172° 39°
N-axis:0.08 8° 50°
V.R.:63% ϵ :-0.07 N:43 COMP:79

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

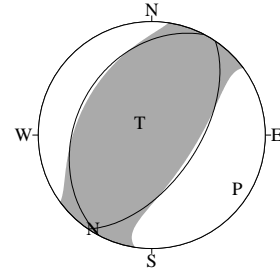
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2014/06/09 17:58:44.3
SE OFF BOSO PENINSULA
Hypo.:34°55.8'N 140° 1.0'E 67km



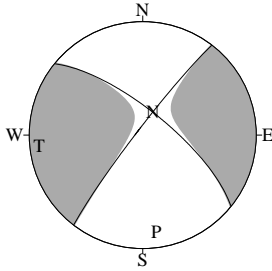
Cent.:34°55.8'N 140° 1.9'E 68km $\Delta t = 0.4$
Mo: 4.28×10^{15} N·m Mw:4.4 Mj:4.1 (sec)
mrr:-2.51 mtt:-1.63 mff:-0.87
mrt:-1.80 mrf: 1.04 mtf:-3.03 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 16° 52° 37° P-axis:-4.37 320° 6°
NP2:261° 62° 136° T-axis: 4.18 223° 50°
N-axis: 0.19 55° 39°
V.R.: 64% ϵ :-0.04 N:40 COMP:61

2014/06/11 16:31: 0.2
NEAR AMAMI-OSHIMA ISLAND
Hypo.:27°29.3'N 129°16.6'E 34km



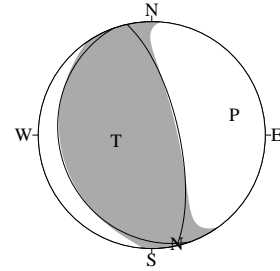
Cent.:27°23.4'N 129°16.4'E 18km $\Delta t = 1.1$
Mo: 2.83×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
mrr: 2.34 mtt:-0.40 mff:-1.95
mrt: 0.69 mrf: 0.92 mtf:-1.48 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 34° 57° 93° P-axis:-3.08 122° 12°
NP2:208° 33° 85° T-axis: 2.59 315° 78°
N-axis: 0.49 212° 3°
V.R.: 63% ϵ :-0.16 N:17 COMP:19

2014/06/13 01:07:22.3
E OFF BOSO PENINSULA
Hypo.:35°29.5'N 141°29.0'E 13km



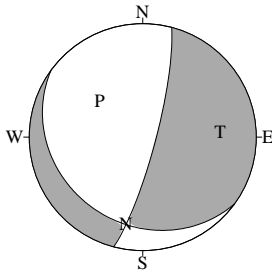
Cent.:35°29.5'N 141°29.2'E 13km $\Delta t = 0.4$
Mo: 2.68×10^{15} N·m Mw:4.2 Mj:4.4 (sec)
mrr:-0.25 mtt:-2.36 mff: 2.61
mrt: 0.58 mrf: 0.53 mtf:-0.59 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:218° 86° -17° P-axis:-2.60 172° 15°
NP2:309° 73° -175° T-axis: 2.75 264° 9°
N-axis:-0.14 24° 72°
V.R.: 66% ϵ : 0.05 N:35 COMP:43

2014/06/13 14:50:43.7
NEAR TORISHIMA IS
Hypo.:30°39.7'N 142° 7.2'E 46km



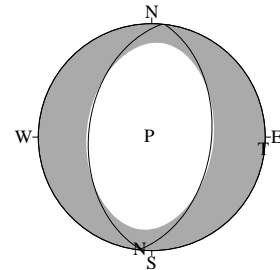
Cent.:30°39.4'N 142°11.7'E 10km $\Delta t = 0.7$
Mo: 1.77×10^{16} N·m Mw:4.8 Mj:4.8 (sec)
mrr: 1.03 mtt: 0.06 mff:-1.09
mrt:-0.29 mrf: 1.35 mtf: 0.35 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:347° 71° 92° P-axis:-1.85 76° 26°
NP2:161° 19° 84° T-axis: 1.69 261° 64°
N-axis: 0.16 167° 2°
V.R.: 68% ϵ :-0.08 N:16 COMP:28

2014/06/15 02:31:42.1
SOUTHERN IWATE PREF
Hypo.:39°23.7'N 141° 6.4'E 94km



Cent.:39°33.6'N 141° 6.1'E 87km $\Delta t = 3.3$
Mo: 2.60×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
mrr:-0.78 mtt:-0.45 mff: 1.23
mrt:-0.74 mrf:-2.17 mtf:-0.68 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 15° 81° -67° P-axis:-2.60 310° 49°
NP2:126° 25° -157° T-axis: 2.60 86° 32°
N-axis: 0.00 191° 23°
V.R.: 79% ϵ : 0.00 N:15 COMP:32

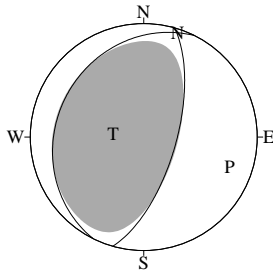
2014/06/16 03:19:13.3
FAR E OFF IBARAKI PREF
Hypo.:36°37.0'N 141°48.2'E 37km



Cent.:36°37.0'N 141°49.0'E 21km $\Delta t = 3.8$
Mo: 3.20×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
mrr:-3.42 mtt: 0.41 mff: 3.02
mrt:-0.06 mrf:-0.15 mtf: 0.27 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 6° 46° -89° P-axis:-3.40 299° 88°
NP2:185° 44° -91° T-axis: 3.00 96° 1°
N-axis: 0.40 186° 1°
V.R.: 80% ϵ :-0.11 N:21 COMP:47

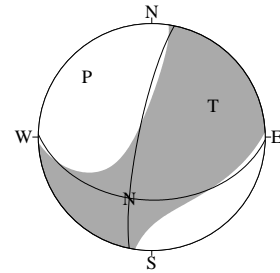
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/06/16 05:14:50.6
 E OFF FUKUSHIMA PREF
 Hypo.:37° 4.3'N 141° 9.8'E 52km



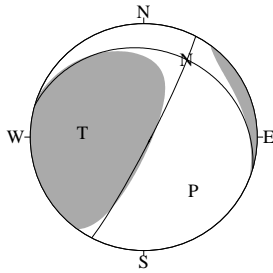
Cent.:37°12.4'N 141° 9.1'E 57km $\Delta t = 5.8$
 Mo: 3.10×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
 mrr: 2.36 mtt:-0.48 mff:-1.88
 mrt: 0.46 mrf: 2.06 mtf:-0.67 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 16° 67° 86° P-axis:-3.00 109° 21°
 NP2:207° 24° 100° T-axis: 3.20 277° 68°
 N-axis:-0.20 18° 4°
 V.R.: 75% ϵ : 0.07 N:19 COMP:42

2014/06/17 02:42:23.2
 FAR S OFF BOSO PENINSULA
 Hypo.:34° 0.0'N 139°49.1'E 121km



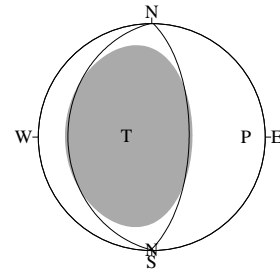
Cent.:34° 5.5'N 139°48.6'E 135km $\Delta t = 4.4$
 Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr: 0.34 mtt:-0.26 mff:-0.08
 mrt:-0.24 mrf:-0.77 mtf:-0.88 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 91° 44° 166° P-axis:-1.40 313° 23°
 NP2:191° 81° 47° T-axis: 1.10 63° 39°
 N-axis: 0.30 200° 42°
 V.R.: 81% ϵ :-0.22 N:22 COMP:49

2014/06/18 11:47:10.4
 NEAR MIYAKOJIMA ISLAND
 Hypo.:24°17.2'N 125°12.2'E 38km



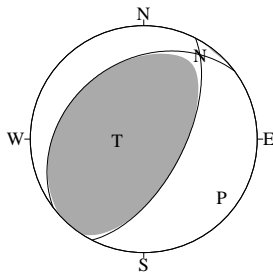
Cent.:24° 8.7'N 125°12.0'E 18km $\Delta t = 3.3$
 Mo: 5.10×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
 mrr: 0.98 mtt:-2.13 mff: 1.16
 mrt: 1.62 mrf: 4.39 mtf:-1.06 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 85° 67° P-axis:-4.72 137° 36°
 NP2:286° 23° 168° T-axis: 5.47 274° 45°
 N-axis:-0.75 29° 23°
 V.R.: 75% ϵ : 0.14 N:9 COMP:17

2014/06/20 01:43:46.0
 CENTRAL CHIBA PREF
 Hypo.:35°32.7'N 140° 6.1'E 72km



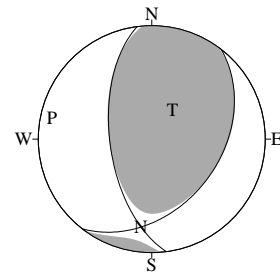
Cent.:35°32.7'N 140° 7.1'E 72km $\Delta t = 0.5$
 Mo: 9.76×10^{15} N·m Mw:4.6 Mj:4.4 (sec)
 mrr: 8.72 mtt:-1.67 mff:-7.05
 mrt: 0.17 mrf: 5.75 mtf: 0.03 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 1° 63° 91° P-axis:-8.93 90° 18°
 NP2:179° 27° 89° T-axis:10.60 273° 72°
 N-axis:-1.67 180° 1°
 V.R.: 68% ϵ : 0.16 N:38 COMP:70

2014/06/26 14:47:14.2
 OFF NEMURO PENINSULA
 Hypo.:43° 6.0'N 145°33.7'E 49km



Cent.:43° 6.0'N 145°34.0'E 49km $\Delta t = 0.5$
 Mo: 1.16×10^{16} N·m Mw:4.6 Mj:4.8 (sec)
 mrr: 0.97 mtt:-0.41 mff:-0.57
 mrt: 0.15 mrf: 0.60 mtf:-0.50 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 61° 77° P-axis:-1.14 127° 15°
 NP2:233° 32° 113° T-axis: 1.18 267° 71°
 N-axis:-0.04 34° 12°
 V.R.: 78% ϵ : 0.03 N:24 COMP:32

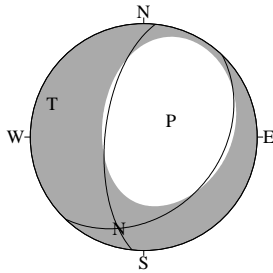
2014/06/27 06:55:39.2
 E OFF FUKUSHIMA PREF
 Hypo.:37°37.7'N 141°34.2'E 51km



Cent.:37°37.8'N 141°34.6'E 51km $\Delta t = 0.5$
 Mo: 7.57×10^{15} N·m Mw:4.5 Mj:4.7 (sec)
 mrr: 5.98 mtt: 0.38 mff:-6.36
 mrt: 2.33 mrf:-3.09 mtf:-2.05 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 38° 40° 128° P-axis:-7.39 282° 11°
 NP2:173° 60° 63° T-axis: 7.75 35° 64°
 N-axis:-0.37 187° 23°
 V.R.: 72% ϵ : 0.05 N:48 COMP:82

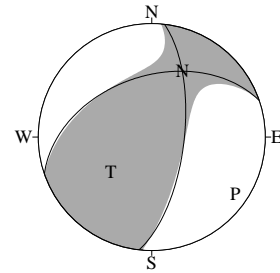
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/06/27 20:10:43.0
 FAR E OFF CENTRAL HONSHU
 Hypo.:36°25.3'N 143°41.1'E 63km



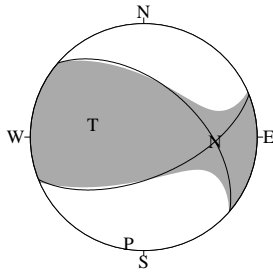
Cent.:36°21.4'N 143°43.0'E 15km $\Delta t = 0.6$
 Mo: 1.74×10^{16} N·m Mw:4.8 Mj:4.7 (sec)
 mrr:-1.51 mtt: 0.45 mff: 1.06
 mrt:-0.36 mrf: 0.99 mtf: 0.50 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 43° 34° -57° P-axis:-1.95 59° 67°
 NP2:186° 62° -110° T-axis: 1.53 290° 15°
 N-axis: 0.43 195° 17°
 V.R.: 79% ϵ :-0.22 N:43 COMP:84

2014/06/28 07:37:21.8
 IOTO ISLANDS REGION
 Hypo.:23°28.1'N 142° 1.1'E 175km



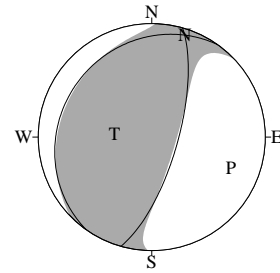
Cent.:23°10.1'N 142°13.4'E 131km $\Delta t = 2.2$
 Mo: 2.24×10^{16} N·m Mw:4.8 Mj:5.3 (sec)
 mrr: 1.25 mtt:-0.24 mff:-1.01
 mrt:-0.29 mrf: 1.16 mtf:-1.51 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 6° 67° 50° P-axis:-2.35 124° 12°
 NP2:251° 45° 146° T-axis: 2.12 230° 51°
 N-axis: 0.22 25° 36°
 V.R.: 69% ϵ :-0.10 N:13 COMP:17

2014/06/28 14:51: 6.4
 SE GUNMA PREF
 Hypo.:36°20.7'N 139° 5.3'E 151km



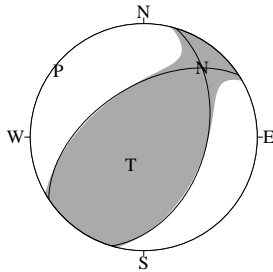
Cent.:36°20.7'N 139° 5.2'E 151km $\Delta t = 0.4$
 Mo: 5.52×10^{15} N·m Mw:4.4 Mj:4.4 (sec)
 mrr: 3.46 mtt:-5.63 mff: 2.17
 mrt: 1.13 mrf: 1.97 mtf: 1.25 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 68° 60° 46° P-axis:-5.90 188° 5°
 NP2:311° 51° 140° T-axis: 5.14 284° 52°
 N-axis: 0.75 94° 37°
 V.R.: 74% ϵ :-0.13 N:40 COMP:46

2014/06/28 16:11:49.5
 NEAR CHOSHI CITY
 Hypo.:35°53.5'N 140°53.4'E 41km



Cent.:35°53.5'N 140°53.9'E 41km $\Delta t = 0.5$
 Mo: 8.80×10^{15} N·m Mw:4.6 Mj:4.5 (sec)
 mrr: 4.91 mtt:-0.16 mff:-4.75
 mrt: 1.70 mrf: 6.71 mtf:-2.58 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 16° 71° 83° P-axis:-9.23 111° 26°
 NP2:215° 20° 109° T-axis: 8.36 275° 63°
 N-axis: 0.87 18° 6°
 V.R.: 72% ϵ :-0.09 N:46 COMP:67

2014/06/29 14:56:32.5
 IOTO ISLANDS REGION
 Hypo.:24°31.0'N 142°26.8'E 139km



Cent.:24°36.9'N 142°33.7'E 64km $\Delta t = 7.4$
 Mo: 2.76×10^{18} N·m Mw:6.2 Mj:6.4 (sec)
 mrr: 2.29 mtt:-0.68 mff:-1.61
 mrt:-0.94 mrf: 0.15 mtf:-1.61 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 17° 44° 59° P-axis:-2.86 308° 5°
 NP2:237° 54° 117° T-axis: 2.65 205° 68°
 N-axis: 0.20 40° 21°
 V.R.: 73% ϵ :-0.07 N:18 COMP:37

EQUAL AREA PROJECTON, LOWER HEMISPHERE.