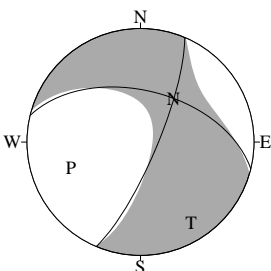


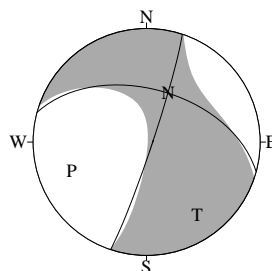
CMT SOLUTIONS FOR EARTHQUAKES IN AUGUST, 2014

2014/08/02 23:18:25.4
 NW OFF OKINAWAJIMA IS
 Hypo.:28° 6.8'N 128° 2.1'E 10km



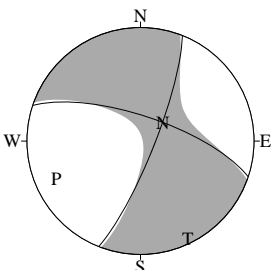
Cent.:27°55.8'N 128° 3.9'E 10km Δt=11.0
 Mo: 6.44x10¹⁶N·m Mw:5.1 Mj:4.7 (sec)
 mrr:-1.22 mtt: 3.67 mff:-2.45
 mrt: 0.14 mrf:-4.25 mtf: 3.70 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 23° 78°-141° P-axis:-6.96 250° 35°
 NP2:284° 52° -15° T-axis: 5.92 148° 17°
 N-axis: 1.04 37° 50°
 V.R.: 73% ε:-0.15 N:26 COMP:45

2014/08/03 02:34:58.9
 NW OFF OKINAWAJIMA IS
 Hypo.:28° 6.4'N 128° 4.6'E 5km



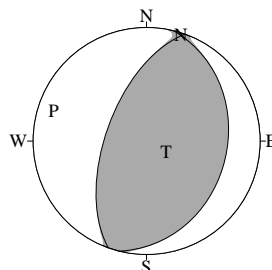
Cent.:27°57.4'N 128° 5.7'E 10km Δt= 8.2
 Mo: 6.46x10¹⁶N·m Mw:5.1 Mj:5.2 (sec)
 mrr:-0.12 mtt: 3.07 mff:-2.96
 mrt:-0.14 mrf:-4.25 mtf: 3.95 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 86°-141° P-axis:-7.04 249° 30°
 NP2:285° 51° -5° T-axis: 5.89 145° 23°
 N-axis: 1.16 24° 51°
 V.R.: 72% ε:-0.16 N:27 COMP:53

2014/08/03 13:06: 2.0
 NW OFF OKINAWAJIMA IS
 Hypo.:28° 6.6'N 128° 5.2'E 13km



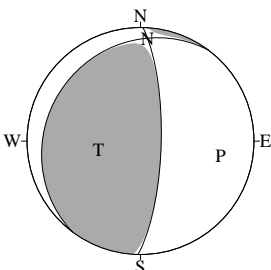
Cent.:27°57.9'N 128° 6.1'E 10km Δt= 9.3
 Mo: 6.30x10¹⁷N·m Mw:5.8 Mj:5.6 (sec)
 mrr:-0.13 mtt: 3.83 mff:-3.70
 mrt: 0.51 mrf:-2.36 mtf: 4.44 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 80°-162° P-axis:-6.60 246° 20°
 NP2:288° 72° -11° T-axis: 5.90 154° 5°
 N-axis: 0.70 50° 69°
 V.R.: 72% ε:-0.10 N:26 COMP:63

2014/08/05 04:36:36.8
 E OFF HACHIJOJIMA ISLAND
 Hypo.:32°43.7'N 140°46.7'E 68km



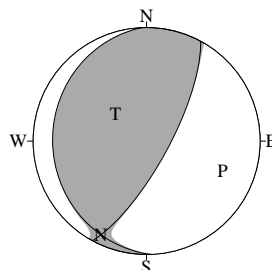
Cent.:32°43.6'N 140°49.4'E 68km Δt= 0.5
 Mo: 4.72x10¹⁵N·m Mw:4.4 Mj:4.5 (sec)
 mrr: 4.02 mtt:-0.30 mff:-3.72
 mrt:-0.92 mrf:-2.25 mtf:-1.14 (x10¹⁵N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 14° 30° 85° P-axis:-4.73 288° 15°
 NP2:200° 61° 93° T-axis: 4.70 117° 74°
 N-axis: 0.03 18° 2°
 V.R.: 77% ε:-0.01 N:24 COMP:28

2014/08/09 11:28:42.1
 NEAR CHICHIJIMA ISLAND
 Hypo.:27°52.3'N 143°10.7'E 19km



Cent.:27°53.7'N 143° 9.0'E 10km Δt= 7.4
 Mo: 1.30x10¹⁷N·m Mw:5.3 Mj:5.2 (sec)
 mrr: 0.65 mtt:-0.03 mff:-0.62
 mrt:-0.04 mrf: 1.13 mtf:-0.24 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 2° 75° 80° P-axis:-1.30 100° 29°
 NP2:217° 18° 124° T-axis: 1.30 258° 59°
 N-axis: 0.00 4° 10°
 V.R.: 78% ε: 0.02 N:10 COMP:15

2014/08/10 12:43:18.1
 E OFF AOMORI PREF
 Hypo.:41° 8.0'N 142°16.7'E 51km

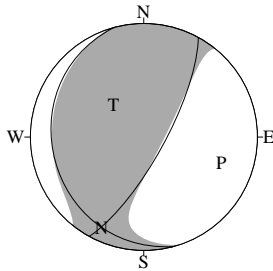


Cent.:41°15.2'N 142°17.0'E 42km Δt= 5.4
 Mo: 1.85x10¹⁸N·m Mw:6.1 Mj:6.1 (sec)
 mrr: 0.95 mtt: 0.04 mff:-0.99
 mrt: 0.81 mrf: 1.33 mtf:-0.26 (x10¹⁸N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 74° 99° P-axis:-1.86 111° 29°
 NP2:178° 18° 60° T-axis: 1.84 312° 60°
 N-axis: 0.02 206° 9°
 V.R.: 71% ε:-0.01 N:25 COMP:52

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

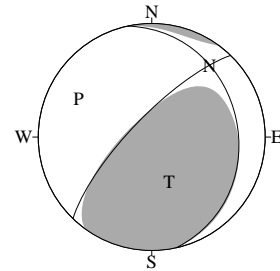
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt:Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth and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

2014/08/11 07:39:34.7
 NEAR CHICHIJIMA ISLAND
 Hypo.:27°51.3'N 142°57.9'E 41km



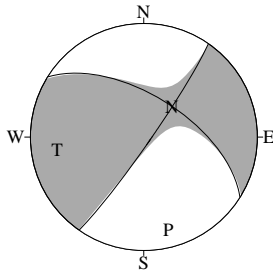
Cent.:27°38.7'N 142°57.4'E 10km $\Delta t = 4.0$
 Mo: 8.60×10^{16} N·m Mw:5.2 Mj:4.9 (sec)
 mrr: 3.73 mtt: 1.35 mff:-5.07
 mrt: 3.67 mrf: 6.25 mtf:-1.19 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 75° 104° P-axis:-9.07 108° 29°
 NP2:165° 20° 48° T-axis: 8.13 317° 58°
 N-axis: 0.94 205° 13°
 V.R.: 78% ϵ :-0.10 N:17 COMP:24

2014/08/12 09:47:23.8
 FAR S OFF BOSO PENINSULA
 Hypo.:34°12.1'N 140° 9.1'E 84km



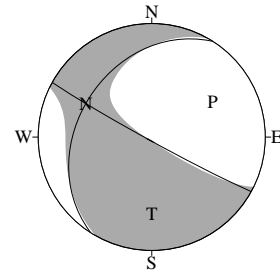
Cent.:34°12.1'N 140° 9.1'E 84km $\Delta t = 0.4$
 Mo: 2.48×10^{15} N·m Mw:4.2 Mj:4.2 (sec)
 mrr: 1.20 mtt: 0.22 mff:-1.42
 mrt:-1.66 mrf:-1.24 mtf:-0.37 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:348° 25° 36° P-axis:-2.36 298° 28°
 NP2:224° 76° 110° T-axis: 2.61 159° 55°
 N-axis:-0.25 39° 20°
 V.R.: 75% ϵ : 0.10 N:20 COMP:22

2014/08/14 07:51:29.3
 SUONADA SETONAIKAI
 Hypo.:33°49.4'N 131°52.5'E 77km



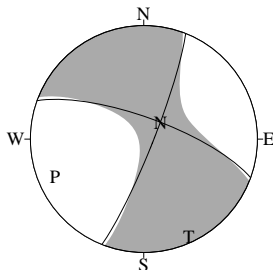
Cent.:33°49.4'N 131°52.6'E 77km $\Delta t = 0.5$
 Mo: 6.71×10^{15} N·m Mw:4.5 Mj:4.4 (sec)
 mrr: 0.84 mtt:-5.75 mff: 4.91
 mrt: 1.69 mrf: 2.79 mtf:-2.38 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 85° 30° P-axis:-6.94 165° 17°
 NP2:302° 60° 174° T-axis: 6.49 262° 24°
 N-axis: 0.45 43° 60°
 V.R.: 72% ϵ :-0.06 N:38 COMP:53

2014/08/14 21:50:37.5
 S OFF URAKAWA
 Hypo.:42° 3.8'N 142°38.9'E 63km



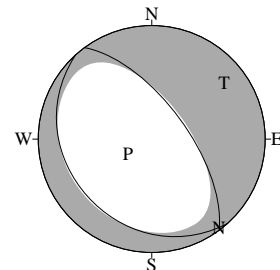
Cent.:42° 3.8'N 142°38.9'E 63km $\Delta t = 0.3$
 Mo: 1.72×10^{15} N·m Mw:4.1 Mj:4.1 (sec)
 mrr:-0.13 mtt: 0.87 mff:-0.74
 mrt:-1.14 mrf: 0.83 mtf: 0.55 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:119° 87° -55° P-axis:-1.81 60° 38°
 NP2:213° 35° -175° T-axis: 1.62 180° 33°
 N-axis: 0.19 297° 35°
 V.R.: 66% ϵ :-0.10 N:15 COMP:28

2014/08/15 02:09:46.9
 NW OFF OKINAWAJIMA IS
 Hypo.:28° 3.6'N 128° 8.8'E 5km



Cent.:27°57.1'N 128°10.2'E 10km $\Delta t = 7.2$
 Mo: 1.50×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
 mrr: 0.07 mtt: 0.93 mff:-1.00
 mrt: 0.07 mrf:-0.49 mtf: 1.08 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 83° -164° P-axis:-1.60 247° 16°
 NP2:290° 74° -7° T-axis: 1.40 155° 6°
 N-axis: 0.20 45° 73°
 V.R.: 70% ϵ :-0.12 N:30 COMP:67

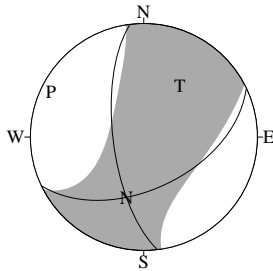
2014/08/15 12:19:49.7
 E OFF AOMORI PREF
 Hypo.:41°31.7'N 142°34.8'E 61km



Cent.:41°31.8'N 142°34.6'E 40km $\Delta t = 0.4$
 Mo: 3.50×10^{15} N·m Mw:4.3 Mj:4.3 (sec)
 mrr:-2.84 mtt: 1.22 mff: 1.62
 mrt: 1.27 mrf:-1.87 mtf:-1.07 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:324° 65° -88° P-axis:-3.67 239° 70°
 NP2:138° 25° -95° T-axis: 3.33 52° 20°
 N-axis: 0.34 143° 2°
 V.R.: 73% ϵ :-0.09 N:23 COMP:30

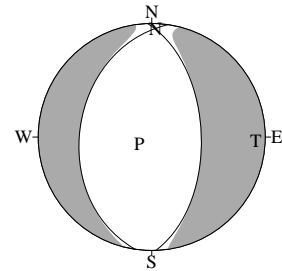
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/08/15 21:24:40.5
 E OFF FUKUSHIMA PREF
 Hypo.:36°52.8'N 142°29.7'E 9km



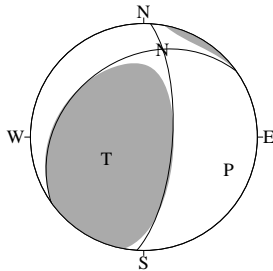
Cent.:36°52.8'N 142°30.7'E 10km $\Delta t = 0.5$
 Mo: 4.92×10^{15} N·m Mw:4.4 Mj:4.6 (sec)
 mrr: 2.67 mtt: 1.18 mff:-3.85
 mrt: 0.36 mrf:-1.78 mtf:-3.41 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 65° 52° 152° P-axis:-5.82 296° 10°
 NP2:173° 68° 42° T-axis: 4.02 35° 44°
 N-axis: 1.80 196° 44°
 V.R.: 71% ϵ : -0.31 N:24 COMP:37

2014/08/17 00:21:14.7
 FAR E OFF NORTH HONSHU
 Hypo.:40° 8.8'N 145°34.0'E 52km



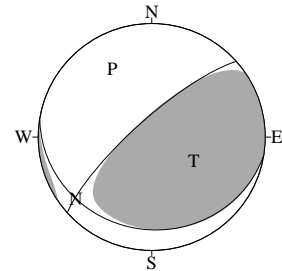
Cent.:40° 8.8'N 145°34.5'E 10km $\Delta t = 0.5$
 Mo: 5.94×10^{15} N·m Mw:4.4 Mj:4.7 (sec)
 mrr:-5.53 mtt:-0.21 mff: 5.74
 mrt: 0.41 mrf:-1.81 mtf: 0.32 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:358° 54° -96° P-axis:-5.85 243° 80°
 NP2:188° 36° -82° T-axis: 6.03 92° 9°
 N-axis:-0.18 2° 5°
 V.R.: 83% ϵ : 0.03 N:35 COMP:63

2014/08/19 22:26:23.3
 OFF NEMURO PENINSULA
 Hypo.:42°58.7'N 145°38.1'E 46km



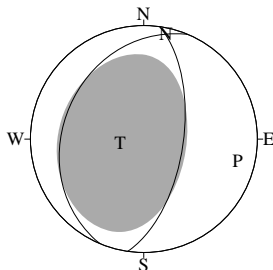
Cent.:42°52.3'N 145°38.0'E 45km $\Delta t = 3.5$
 Mo: 3.39×10^{16} N·m Mw:5.0 Mj:4.9 (sec)
 mrr: 2.16 mtt:-0.41 mff:-1.75
 mrt:-0.51 mrf: 2.39 mtf:-1.29 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 4° 69° 66° P-axis:-3.22 111° 21°
 NP2:234° 31° 136° T-axis: 3.56 240° 59°
 N-axis:-0.34 12° 22°
 V.R.: 78% ϵ : 0.10 N:24 COMP:55

2014/08/21 04:38:23.2
 FAR S OFF TOKAI DISTRICT
 Hypo.:33°16.8'N 138°24.9'E 327km



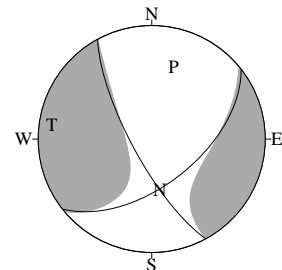
Cent.:33°14.7'N 138°24.4'E 328km $\Delta t = 0.9$
 Mo: 1.30×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr: 0.57 mtt:-0.63 mff: 0.06
 mrt:-0.78 mrf:-0.84 mtf:-0.17 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 99° 20° 139° P-axis:-1.30 330° 31°
 NP2:228° 77° 75° T-axis: 1.30 119° 55°
 N-axis:-0.10 231° 15°
 V.R.: 78% ϵ : 0.06 N:34 COMP:65

2014/08/24 17:26:52.6
 SW IBARAKI PREF
 Hypo.:36° 3.2'N 139°47.6'E 77km



Cent.:36° 3.2'N 139°47.9'E 77km $\Delta t = 0.4$
 Mo: 5.05×10^{15} N·m Mw:4.4 Mj:4.3 (sec)
 mrr: 4.66 mtt:-1.10 mff:-3.56
 mrt:-0.05 mrf: 2.76 mtf:-0.84 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 8° 61° 83° P-axis:-4.58 103° 16°
 NP2:202° 29° 103° T-axis: 5.51 262° 73°
 N-axis:-0.93 12° 6°
 V.R.: 70% ϵ : 0.17 N:43 COMP:68

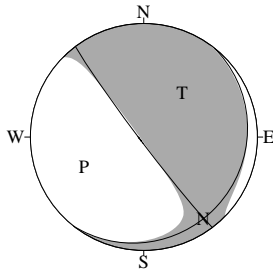
2014/08/24 17:53: 5.1
 FAR E OFF MIYAGI PREF
 Hypo.:37°54.1'N 143°56.4'E 49km



Cent.:37°54.0'N 143°58.2'E 20km $\Delta t = 0.4$
 Mo: 4.68×10^{15} N·m Mw:4.4 Mj:4.7 (sec)
 mrr:-1.63 mtt:-2.87 mff: 4.50
 mrt:-1.38 mrf: 1.66 mtf: 1.45 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 57° -17° P-axis:-4.29 17° 34°
 NP2:152° 76° -146° T-axis: 5.07 278° 12°
 N-axis:-0.79 171° 53°
 V.R.: 69% ϵ : 0.15 N:36 COMP:57

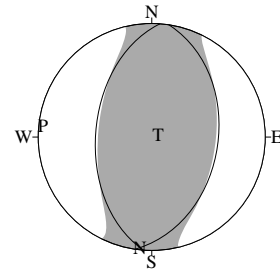
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/08/25 16:31:42.1
NEAR TOKARA ISLANDS
Hypo.:29°50.8'N 129°59.1'E 91km



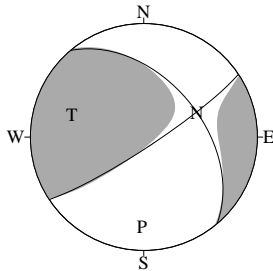
Cent.:29°43.0'N 129°59.8'E 91km $\Delta t = 1.3$
Mo: $1.44 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.7 Mj:4.4 (sec)
mrr: 0.11 mtt: 0.27 mff:-0.38
mrt: 0.83 mrf:-1.12 mtf: 0.06 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 38° 12° 165° P-axis:-1.49 244° 41°
NP2:143° 87° 78° T-axis: 1.39 41° 47°
N-axis: 0.09 144° 12°
V.R.: 75% ϵ :-0.06 N:30 COMP:50

2014/08/26 03:42:16.3
AWAJISHIMA ISLAND REGION
Hypo.:34°21.8'N 134°53.5'E 11km



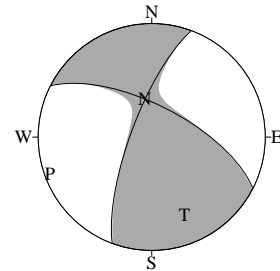
Cent.:34°21.9'N 134°53.5'E 11km $\Delta t = 0.3$
Mo: $1.23 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.0 Mj:4.2 (sec)
mrr: 1.13 mtt: 0.15 mff:-1.28
mrt: 0.02 mrf:-0.17 mtf:-0.16 ($\times 10^{15} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 9° 41° 93° P-axis:-1.31 276° 4°
NP2:184° 49° 87° T-axis: 1.15 68° 85°
N-axis: 0.17 186° 2°
V.R.: 66% ϵ :-0.13 N:24 COMP:30

2014/08/26 11:22:52.9
SOUTHERN TOCHIGI PREF
Hypo.:36°24.3'N 140° 9.0'E 108km



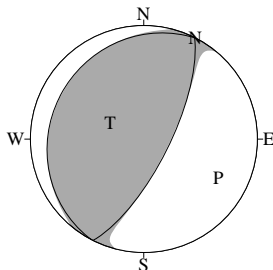
Cent.:36°24.3'N 140° 9.2'E 108km $\Delta t = 0.5$
Mo: $6.48 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.5 Mj:4.2 (sec)
mrr: 0.96 mtt:-4.95 mff: 3.99
mrt: 3.00 mrf: 3.21 mtf: 1.49 ($\times 10^{15} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 57° 83° 42° P-axis:-6.21 181° 22°
NP2:320° 48° 170° T-axis: 6.75 287° 34°
N-axis:-0.54 65° 47°
V.R.: 64% ϵ : 0.08 N:31 COMP:40

2014/08/27 01:29:46.7
NW OFF OKINAWAJIMA IS
Hypo.:28° 4.1'N 128° 9.2'E 11km



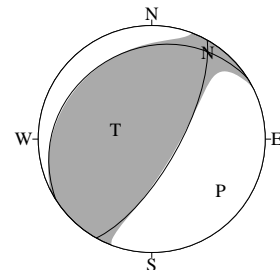
Cent.:28° 4.1'N 128° 8.5'E 11km $\Delta t = 0.6$
Mo: $1.29 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.7 Mj:4.4 (sec)
mrr: 0.29 mtt: 0.70 mff:-1.00
mrt:-0.41 mrf:-0.31 mtf: 0.78 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1:200° 75° 156° P-axis:-1.31 250° 5°
NP2:297° 67° 16° T-axis: 1.26 157° 27°
N-axis: 0.05 350° 62°
V.R.: 55% ϵ :-0.04 N:12 COMP:21

2014/08/27 13:48:58.7
E OFF AOMORI PREF
Hypo.:41° 2.5'N 143°11.4'E 42km



Cent.:41° 5.1'N 143°11.5'E 31km $\Delta t = 5.1$
Mo: $1.50 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.4 Mj:5.4 (sec)
mrr: 0.86 mtt:-0.15 mff:-0.72
mrt: 0.54 mrf: 1.08 mtf:-0.39 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 27° 72° 90° P-axis:-1.50 117° 27°
NP2:207° 18° 91° T-axis: 1.50 296° 63°
N-axis: 0.00 27° 0°
V.R.: 57% ϵ :-0.03 N:24 COMP:50

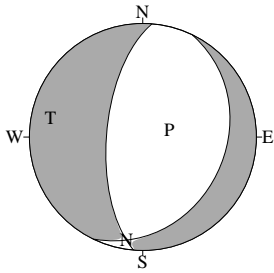
2014/08/29 04:14:35.5
HYUGANADA REGION
Hypo.:32° 8.4'N 132° 8.7'E 18km



Cent.:31°54.8'N 132° 8.1'E 28km $\Delta t = 3.6$
Mo: $6.90 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:6.0 (sec)
mrr: 4.03 mtt:-1.74 mff:-2.29
mrt: 2.36 mrf: 4.79 mtf:-2.72 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 29° 71° 80° P-axis:-7.20 127° 25°
NP2:238° 22° 117° T-axis: 6.70 284° 63°
N-axis: 0.50 33° 10°
V.R.: 72% ϵ :-0.07 N:27 COMP:61

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/08/29 16:35: 5.4
 E OFF FUKUSHIMA PREF
 Hypo.:36°52.6'N 141°21.2'E 28km



Cent.:36°52.6'N 141°21.1'E 10km $\Delta t = 0.6$
 $M_0: 1.17 \times 10^{16} \text{N}\cdot\text{m}$ $M_w: 4.6$ $M_j: 5.0$ (sec)
 $m_{rr}: -0.91$ $m_{tt}: 0.03$ $m_{ff}: 0.88$
 $m_{rt}: -0.03$ $m_{rf}: 0.71$ $m_{tf}: 0.25$ ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 28° -71° P-axis: -1.17 74° 70°
 NP2: 185° 64° -100° T-axis: 1.17 282° 18°
 N-axis: 0.00 189° 9°
 V.R.: 68% $\epsilon: 0.00$ N:20 COMP:28

EQUAL AREA PROJECTON, LOWER HEMISPHERE.