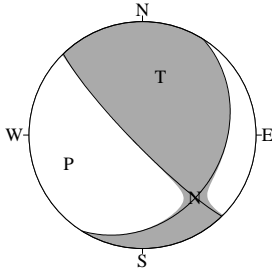


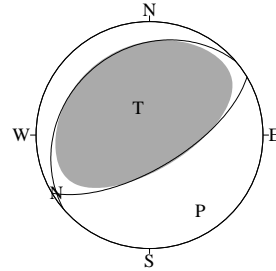
CMT SOLUTIONS FOR EARTHQUAKES IN JULY, 2014

2014/07/01 04:55:31.5
W OFF OGASAWARA
Hypo.:28°18.9'N 139°10.6'E 539km



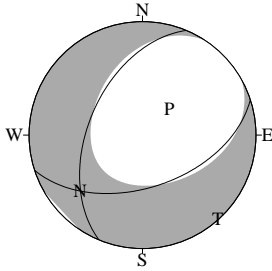
Cent.:28°26.0'N 139° 7.8'E 531km $\Delta t = 2.8$
Mo: 2.52×10^{18} N·m Mw:6.2 Mj:6.2 (sec)
mrr: 0.56 mtt: 0.93 mff:-1.50
mrt: 1.58 mrf:-1.44 mtf: 0.29 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 32° 30° 165° P-axis:-2.55 249° 31°
NP2:136° 82° 61° T-axis: 2.50 17° 45°
N-axis: 0.05 140° 29°
V.R.: 84% ϵ :-0.02 N:27 COMP:56

2014/07/02 01:28:14.7
SATSUMA PENINSULA REGION
Hypo.:31° 8.2'N 130°21.3'E 161km



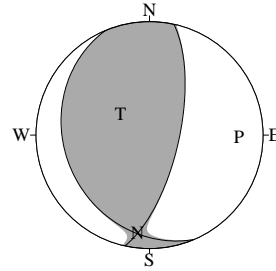
Cent.:31° 8.2'N 130°21.4'E 161km $\Delta t = 0.4$
Mo: 4.65×10^{15} N·m Mw:4.4 Mj:4.1 (sec)
mrr: 3.63 mtt:-2.25 mff:-1.38
mrt: 2.76 mrf: 1.45 mtf:-1.38 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 59° 66° 94° P-axis:-4.45 146° 21°
NP2:230° 24° 81° T-axis: 4.85 337° 69°
N-axis:-0.40 238° 4°
V.R.: 65% ϵ : 0.08 N:17 COMP:25

2014/07/03 04:24:45.7
NEAR AMAMI-OSHIMA ISLAND
Hypo.:26°50.9'N 130° 6.9'E 54km



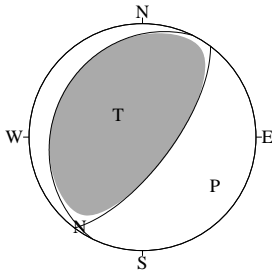
Cent.:26°42.1'N 130° 7.4'E 10km $\Delta t = 1.4$
Mo: 1.19×10^{16} N·m Mw:4.7 Mj:4.4 (sec)
mrr:-0.99 mtt: 0.54 mff: 0.46
mrt:-0.46 mrf: 0.46 mtf: 0.56 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 72° 52° -54° P-axis:-1.33 46° 63°
NP2:203° 50° -127° T-axis: 1.06 138° 1°
N-axis: 0.27 228° 27°
V.R.: 77% ϵ :-0.20 N:17 COMP:29

2014/07/05 07:42: 4.6
E OFF IWATE PREF
Hypo.:39°40.5'N 142° 8.1'E 49km



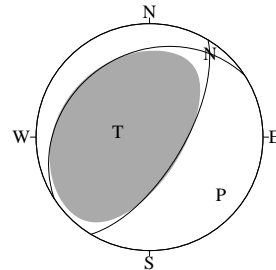
Cent.:39°52.9'N 142° 7.5'E 55km $\Delta t = 6.7$
Mo: 3.90×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr: 2.57 mtt: 0.31 mff:-2.88
mrt: 0.94 mrf: 2.67 mtf: 0.28 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 12° 69° 105° P-axis:-4.00 91° 22°
NP2:157° 26° 57° T-axis: 3.90 306° 64°
N-axis: 0.00 187° 14°
V.R.: 75% ϵ :-0.01 N:25 COMP:53

2014/07/05 23:59:33.3
E OFF FUKUSHIMA PREF
Hypo.:37°21.2'N 141°44.1'E 44km



Cent.:37°19.2'N 141°45.1'E 44km $\Delta t = 0.6$
Mo: 9.25×10^{15} N·m Mw:4.6 Mj:4.6 (sec)
mrr: 6.37 mtt:-1.83 mff:-4.53
mrt: 4.30 mrf: 5.32 mtf:-2.58 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 37° 69° 94° P-axis:-9.09 124° 24°
NP2:206° 21° 80° T-axis: 9.42 313° 66°
N-axis:-0.33 215° 4°
V.R.: 69% ϵ : 0.03 N:39 COMP:62

2014/07/06 05:22:56.8
HIDAKA REGION
Hypo.:42°11.8'N 142°57.8'E 50km

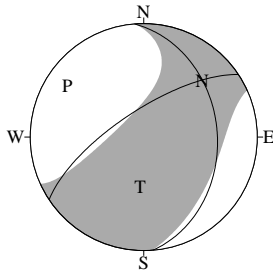


Cent.:42°11.8'N 142°57.7'E 50km $\Delta t = 0.5$
Mo: 1.00×10^{16} N·m Mw:4.6 Mj:4.6 (sec)
mrr: 0.78 mtt:-0.40 mff:-0.38
mrt: 0.25 mrf: 0.62 mtf:-0.34 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 31° 66° 79° P-axis:-0.95 129° 20°
NP2:237° 27° 114° T-axis: 1.05 280° 67°
N-axis:-0.10 36° 10°
V.R.: 68% ϵ : 0.09 N:33 COMP:53

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

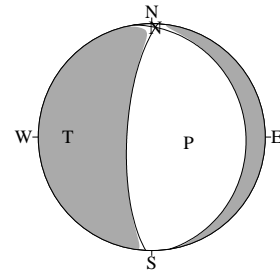
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2014/07/08 18:05:24.2
 IBURI REGION
 Hypo.:42°38.9'N 141°16.0'E 3km



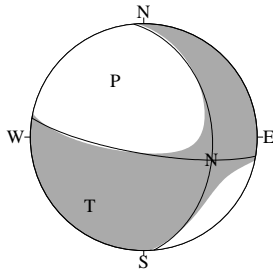
Cent.:42°38.5'N 141°17.0'E 10km $\Delta t = 7.0$
 Mo: 1.60×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr:-0.75 mtt: 0.15 mff:-0.89
 mrt:-0.81 mrf:-0.59 mtf:-0.95 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:355° 35° 34° P-axis:-1.80 304° 20°
 NP2:237° 71° 121° T-axis: 1.30 184° 54°
 N-axis: 0.50 46° 29°
 V.R.: 70% ϵ : -0.27 N:21 COMP:43

2014/07/10 17:58:53.9
 NORTHERN IBARAKI PREF
 Hypo.:36°50.2'N 140°33.7'E 5km



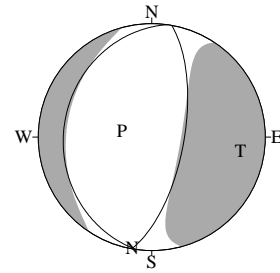
Cent.:36°50.2'N 140°33.6'E 10km $\Delta t = 0.6$
 Mo: 1.26×10^{16} N·m Mw:4.7 Mj:4.8 (sec)
 mrr:-0.73 mtt:-0.02 mff: 0.75
 mrt: 0.08 mrf: 1.02 mtf:-0.04 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:350° 18° -102° P-axis:-1.26 99° 63°
 NP2:183° 72° -86° T-axis: 1.27 270° 27°
 N-axis:-0.01 2° 4°
 V.R.: 75% ϵ : 0.01 N:44 COMP:62

2014/07/11 22:11:44.7
 NW OFF OKINAWAJIMA IS
 Hypo.:26°18.7'N 125°51.3'E 122km



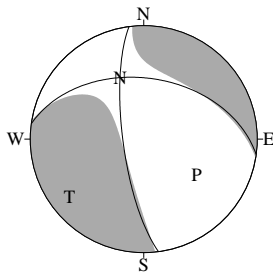
Cent.:25°48.4'N 125°54.6'E 127km $\Delta t = 3.3$
 Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr:-0.33 mtt: 0.07 mff: 0.26
 mrt:-0.80 mrf:-0.08 mtf:-0.62 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:100° 78° -128° P-axis:-1.10 333° 44°
 NP2:355° 39° -19° T-axis: 1.00 218° 24°
 N-axis: 0.10 109° 37°
 V.R.: 79% ϵ : -0.10 N:17 COMP:33

2014/07/12 04:22: 0.4
 E OFF FUKUSHIMA PREF
 Hypo.:37° 3.0'N 142°19.2'E 33km



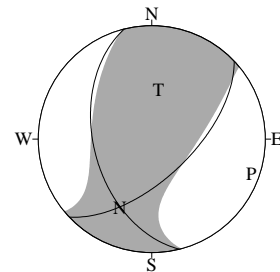
Cent.:37° 0.9'N 142°19.0'E 13km $\Delta t = 8.8$
 Mo: 7.14×10^{18} N·m Mw:6.5 Mj:7.0 (sec)
 mrr:-4.57 mtt:-1.03 mff: 5.61
 mrt:-0.88 mrf:-4.84 mtf: 1.10 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 10° 67° -89° P-axis:-6.54 282° 68°
 NP2:188° 23° -92° T-axis: 7.75 99° 22°
 N-axis:-1.21 190° 1°
 V.R.: 71% ϵ : 0.16 N:27 COMP:70

2014/07/16 17:24:51.6
 EASTERN FUKUSHIMA PREF
 Hypo.:37° 2.2'N 140°42.0'E 13km



Cent.:37° 2.2'N 140°42.2'E 13km $\Delta t = 0.4$
 Mo: 3.51×10^{15} N·m Mw:4.3 Mj:4.6 (sec)
 mrr:-1.35 mtt: 0.51 mff: 0.84
 mrt:-0.01 mrf: 2.15 mtf:-2.55 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:278° 45° -159° P-axis:-3.26 124° 43°
 NP2:173° 75° -47° T-axis: 3.76 232° 18°
 N-axis:-0.49 339° 42°
 V.R.: 70% ϵ : 0.13 N:40 COMP:55

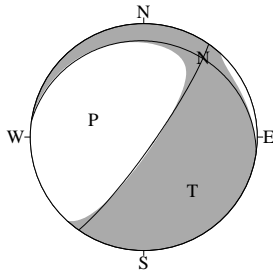
2014/07/17 15:11:53.4
 TAIWAN REGION
 Hypo.:22°24.7'N 121°31.7'E 3km



Cent.:22° 7.0'N 121°30.5'E 21km $\Delta t = 3.0$
 Mo: 4.42×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 2.80 mtt: 1.37 mff:-4.17
 mrt: 1.62 mrf: 0.64 mtf:-1.96 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 47° 62° 130° P-axis:-4.96 109° 8°
 NP2:166° 47° 40° T-axis: 3.89 8° 54°
 N-axis: 1.06 205° 34°
 V.R.: 70% ϵ : -0.21 N:4 COMP:10

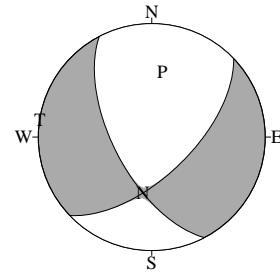
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/07/18 07:32:41.3
 KURILE ISLANDS REGION
 Hypo.:46° 7.0'N 151°13.0'E 30km



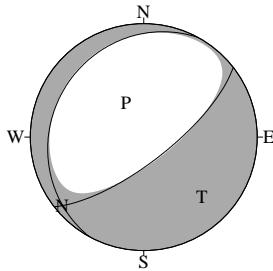
Cent.:45°57.2'N 151°15.0'E 102km $\Delta t = 0.1$
 Mo: $5.18 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.1 Mj:5.4 (sec)
 mrr:-1.47 mtt: 1.79 mff:-0.32
 mrt:-2.53 mrf:-4.14 mtf: 0.83 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 82° -105° P-axis:-5.36 289° 51°
 NP2:278° 16° -28° T-axis: 5.01 138° 36°
 N-axis: 0.35 37° 14°
 V.R.: 80% ϵ :-0.07 N:15 COMP:27

2014/07/18 10:22:41.1
 FAR E OFF NORTH HONSHU
 Hypo.:38°34.8'N 144° 7.3'E 43km



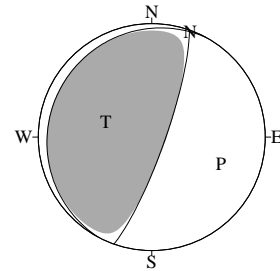
Cent.:38°34.8'N 144° 8.3'E 10km $\Delta t = 0.4$
 Mo: $2.44 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.2 Mj:4.6 (sec)
 mrr:-1.06 mtt:-1.27 mff: 2.34
 mrt:-1.20 mrf: 0.21 mtf: 0.61 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 46° 62° -32° P-axis:-2.45 9° 41°
 NP2:152° 62° -148° T-axis: 2.44 279° 0°
 N-axis: 0.01 189° 49°
 V.R.: 72% ϵ :-0.01 N:17 COMP:19

2014/07/18 13:38:49.3
 FAR E OFF FUKUSHIMA PREF
 Hypo.:37° 3.5'N 142°37.0'E 23km



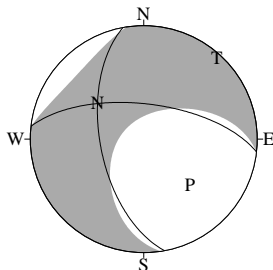
Cent.:37° 3.5'N 142°37.9'E 10km $\Delta t = 0.4$
 Mo: $5.30 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.4 Mj:4.6 (sec)
 mrr:-3.20 mtt: 1.30 mff: 1.91
 mrt:-3.55 mrf:-2.42 mtf: 1.41 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 72° -83° P-axis:-5.46 333° 62°
 NP2:209° 19° -112° T-axis: 5.15 136° 27°
 N-axis: 0.32 230° 7°
 V.R.: 69% ϵ :-0.06 N:32 COMP:49

2014/07/18 13:56:52.3
 FAR E OFF SANRIKU
 Hypo.:39°45.3'N 143°23.5'E 20km



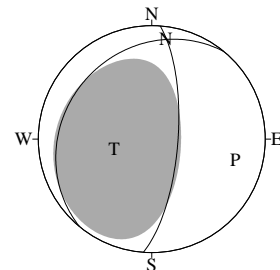
Cent.:39°45.3'N 143°23.9'E 10km $\Delta t = 0.4$
 Mo: $3.72 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.3 Mj:4.5 (sec)
 mrr: 1.28 mtt:-0.29 mff:-0.98
 mrt: 1.15 mrf: 3.32 mtf:-0.40 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 19° 80° 89° P-axis:-3.66 111° 35°
 NP2:208° 10° 98° T-axis: 3.78 288° 55°
 N-axis:-0.12 20° 1°
 V.R.: 69% ϵ : 0.03 N:11 COMP:13

2014/07/18 20:41:44.0
 SE OFF TOKACHI
 Hypo.:42° 7.0'N 144° 3.3'E 61km



Cent.:42° 6.1'N 144° 3.6'E 29km $\Delta t = 0.5$
 Mo: $7.64 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.5 Mj:4.6 (sec)
 mrr:-2.64 mtt: 1.51 mff: 1.13
 mrt: 4.25 mrf: 3.86 mtf:-5.01 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:276° 65° -145° P-axis:-8.92 135° 42°
 NP2:169° 58° -30° T-axis: 6.36 42° 4°
 N-axis: 2.57 308° 47°
 V.R.: 65% ϵ :-0.29 N:30 COMP:49

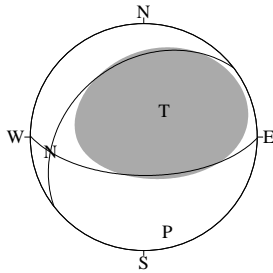
2014/07/19 10:42:54.7
 SOUTHERN IBARAKI PREF
 Hypo.:36° 1.4'N 140° 4.8'E 63km



Cent.:36° 1.5'N 140° 5.2'E 63km $\Delta t = 0.4$
 Mo: $3.41 \times 10^{15} \text{N}\cdot\text{m}$ Mw:4.3 Mj:4.2 (sec)
 mrr: 2.30 mtt:-0.68 mff:-1.62
 mrt:-0.24 mrf: 2.67 mtf:-0.73 ($\times 10^{15} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 4° 71° 77° P-axis:-3.10 104° 25°
 NP2:220° 23° 123° T-axis: 3.72 255° 62°
 N-axis:-0.63 8° 12°
 V.R.: 69% ϵ : 0.17 N:38 COMP:52

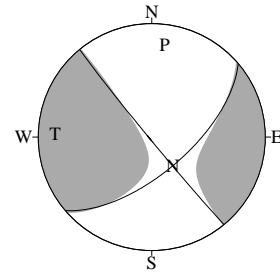
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/07/20 10:25:34.4
 NORTHERN IBARAKI PREF
 Hypo.:36°27.1'N 140°33.7'E 60km



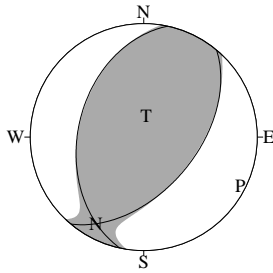
Cent.:36°27.1'N 140°33.9'E 60km $\Delta t = 0.5$
 Mo: 5.39×10^{15} N·m Mw:4.4 Mj:4.5 (sec)
 mrr:-4.59 mtt:-3.65 mff:-0.94
 mrt: 2.94 mrf:-1.39 mtf:-1.35 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 91° 62° 110° P-axis:-4.80 166° 15°
 NP2:232° 34° 57° T-axis: 5.98 38° 66°
 N-axis:-1.17 261° 18°
 V.R.: 77% ϵ : 0.20 N:47 COMP:66

2014/07/20 22:30:19.7
 S OFF SHIKOKU
 Hypo.:32° 5.6'N 134°16.2'E 37km



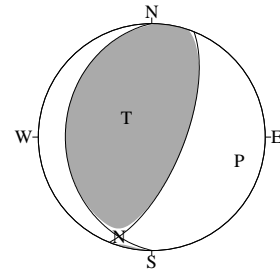
Cent.:32° 5.7'N 134°16.5'E 20km $\Delta t = 0.4$
 Mo: 4.37×10^{15} N·m Mw:4.4 Mj:4.1 (sec)
 mrr:-0.43 mtt:-3.68 mff: 4.11
 mrt:-1.09 mrf: 1.52 mtf: 0.63 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 50° 64° -2° P-axis:-4.15 8° 19°
 NP2:140° 88°-154° T-axis: 4.58 272° 16°
 N-axis:-0.43 144° 64°
 V.R.: 73% ϵ : 0.09 N:37 COMP:41

2014/07/21 03:32:47.7
 SE OFF ETOROFU
 Hypo.:44°36.1'N 148°50.8'E 30km



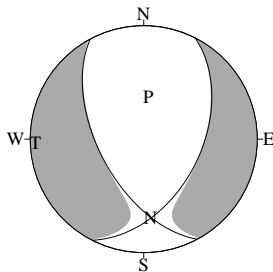
Cent.:44° 1.8'N 148°48.7'E 57km $\Delta t = 14.8$
 Mo: 3.01×10^{18} N·m Mw:6.3 Mj:6.4 (sec)
 mrr: 2.73 mtt:-0.35 mff:-2.38
 mrt: 0.84 mrf: 0.18 mtf:-1.32 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 40° 52° 108° P-axis:-3.08 117° 5°
 NP2:192° 41° 68° T-axis: 2.95 7° 75°
 N-axis: 0.13 209° 14°
 V.R.: 74% ϵ :-0.04 N:19 COMP:50

2014/07/25 13:18:15.5
 E OFF AOMORI PREF
 Hypo.:41°32.5'N 142° 5.2'E 66km



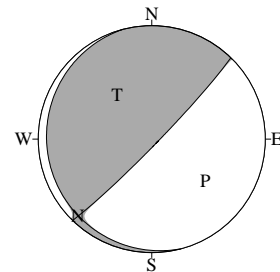
Cent.:41°37.3'N 142° 5.4'E 64km $\Delta t = 2.7$
 Mo: 3.62×10^{16} N·m Mw:5.0 Mj:4.9 (sec)
 mrr: 2.61 mtt:-0.04 mff:-2.57
 mrt: 1.14 mrf: 2.20 mtf:-0.49 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 67° 99° P-axis:-3.59 105° 21°
 NP2:180° 25° 70° T-axis: 3.64 308° 67°
 N-axis:-0.06 198° 8°
 V.R.: 73% ϵ : 0.02 N:42 COMP:74

2014/07/26 02:05:45.9
 FAR E OFF OGASAWARA
 Hypo.:28°49.9'N 143°13.3'E 38km



Cent.:28°49.6'N 143°19.4'E 10km $\Delta t = 0.5$
 Mo: 9.42×10^{15} N·m Mw:4.6 Mj:4.5 (sec)
 mrr:-6.72 mtt:-2.83 mff: 9.55
 mrt:-3.87 mrf: 1.32 mtf:-0.17 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 48° -46° P-axis:-9.17 6° 59°
 NP2:152° 57°-128° T-axis: 9.67 268° 5°
 N-axis:-0.51 175° 31°
 V.R.: 59% ϵ : 0.05 N:30 COMP:58

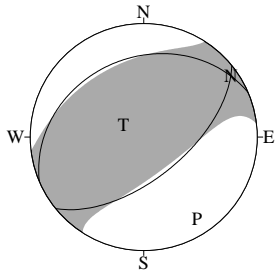
2014/07/26 08:22: 9.2
 E OFF HOKKAIDO
 Hypo.:43°19.9'N 147°16.4'E 39km



Cent.:43°19.9'N 147°16.8'E 39km $\Delta t = 0.8$
 Mo: 2.82×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
 mrr: 0.41 mtt: 0.15 mff:-0.56
 mrt: 1.95 mrf: 1.97 mtf:-0.21 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 86° 97° P-axis:-2.83 128° 40°
 NP2:165° 8° 31° T-axis: 2.81 322° 49°
 N-axis: 0.02 224° 7°
 V.R.: 74% ϵ :-0.01 N:21 COMP:42

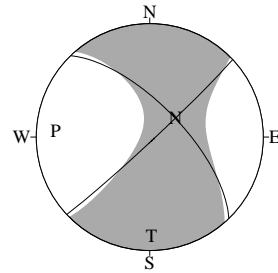
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2014/07/26 17:05:45.2
 KURILE ISLANDS REGION
 Hypo.:45°30.8'N 151°13.4'E 30km



Cent.:45°30.6'N 151°13.4'E 23km $\Delta t = 0.8$
 Mo: 4.16×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 3.13 mtt:-2.64 mff:-0.49
 mrt: 1.55 mrf: 1.43 mtf:-2.22 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 51° 60° 82° P-axis:-4.59 147° 15°
 NP2:247° 31° 104° T-axis: 3.74 301° 73°
 N-axis: 0.85 55° 7°
 V.R.: 85% ϵ :-0.19 N:11 COMP:18

2014/07/29 00:05:47.5
 NW OFF OKINAWAJIMA IS
 Hypo.:28° 5.0'N 127°59.4'E 14km



Cent.:27°46.8'N 127°57.7'E 13km $\Delta t = 2.0$
 Mo: 3.26×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
 mrr: 0.34 mtt: 2.81 mff:-3.16
 mrt:-0.62 mrf:-1.22 mtf:-0.21 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 47° 87° -157° P-axis:-3.56 274° 18°
 NP2:316° 67° -3° T-axis: 2.96 179° 14°
 N-axis: 0.60 54° 67°
 V.R.: 78% ϵ :-0.17 N:20 COMP:44

EQUAL AREA PROJECTON, LOWER HEMISPHERE.