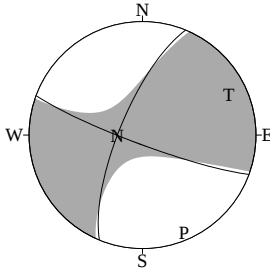


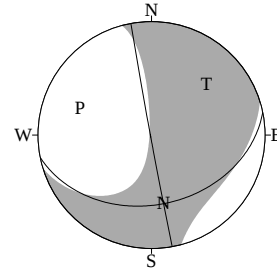
CMT SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2004

2004/01/06 14:50:52.0
SE OFF KII PENINSULA
Hypo.:34°12.9'N 136°42.8'E 37km



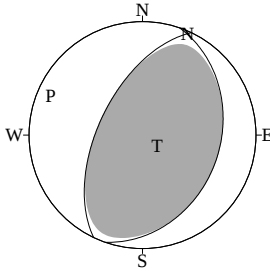
Cent.:34° 5.9'N 136°42.7'E 33km $\Delta t = 5.1$
Mo: 8.31×10^{16} N·m Mw:5.2 Mj:5.4 (sec)
mrr: 1.53 mtt:-6.20 mff: 4.67
mrt: 1.87 mrf:-1.18 mtf:-5.81 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:202° 73° 7° P-axis:-8.88 157° 7°
NP2:110° 83° 163° T-axis: 7.74 65° 17°
N-axis: 1.14 269° 72°
V.R.: 33% ϵ :-0.13 N:24 COMP:54

2004/01/15 09:10:30.8
NEAR KUNASHIRI ISLAND
Hypo.:43°51.3'N 146°10.4'E 106km



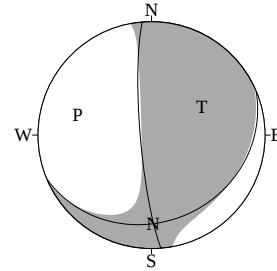
Cent.:44° 0.0'N 146°10.1'E 133km $\Delta t = 0.3$
Mo: 4.04×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
mrr: 0.17 mtt: 1.29 mff:-1.46
mrt:-0.11 mrf:-3.23 mtf:-2.18 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 79° 39° 179° P-axis:-4.55 291° 33°
NP2:170° 89° 51° T-axis: 3.54 47° 34°
N-axis: 1.00 170° 39°
V.R.: 34% ϵ :-0.22 N:19 COMP:33

2004/01/23 18:01:31.3
E OFF FUKUSHIMA PREF
Hypo.:37°15.7'N 141° 7.6'E 66km



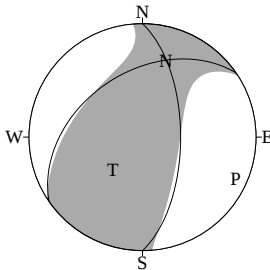
Cent.:37°17.2'N 141° 7.3'E 64km $\Delta t = 0.1$
Mo: 9.31×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 8.49 mtt:-1.41 mff:-7.08
mrt:-2.05 mrf:-3.57 mtf:-2.78 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 19° 32° 85° P-axis:-9.16 293° 13°
NP2:206° 58° 93° T-axis: 9.46 126° 77°
N-axis:-0.30 24° 3°
V.R.: 32% ϵ : 0.03 N:5 COMP:13

2004/01/27 13:20: 2.1
E OFF HACHIJOJIMA ISLAND
Hypo.:32°43.5'N 140°38.0'E 72km



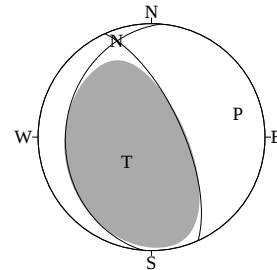
Cent.:32°49.1'N 140°42.6'E 71km $\Delta t = 0.2$
Mo: 5.25×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
mrr: 1.18 mtt: 0.79 mff:-1.97
mrt: 0.35 mrf:-4.60 mtf:-1.89 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 67° 24° 160° P-axis:-5.55 285° 33°
NP2:175° 82° 67° T-axis: 4.95 61° 48°
N-axis: 0.60 179° 23°
V.R.: 24% ϵ :-0.11 N:23 COMP:39

2004/01/28 02:02:47.0
SE OFF ETOROFU
Hypo.:44°37.5'N 149°10.2'E 30km



Cent.:44°38.7'N 149°12.7'E 38km $\Delta t = 0.8$
Mo: 3.50×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
mrr: 2.29 mtt: 0.35 mff:-2.64
mrt:-0.50 mrf: 1.54 mtf:-1.94 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 0° 63° 56° P-axis:-3.83 114° 11°
NP2:235° 43° 137° T-axis: 3.17 222° 58°
N-axis: 0.65 17° 30°
V.R.: 20% ϵ :-0.17 N:11 COMP:13

2004/01/31 00:53:24.8
NEAR CHICHIJIMA ISLAND
Hypo.:27°51.0'N 143°21.2'E 4km

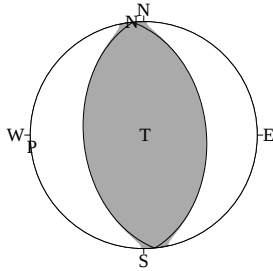


Cent.:27°35.1'N 143°20.8'E 10km $\Delta t = 1.9$
Mo: 2.92×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 2.12 mtt:-0.12 mff:-2.00
mrt:-1.11 mrf: 1.74 mtf: 0.27 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:336° 68° 78° P-axis:-2.80 75° 22°
NP2:185° 25° 117° T-axis: 3.04 225° 65°
N-axis:-0.25 340° 11°
V.R.: 32% ϵ : 0.08 N:20 COMP:30

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

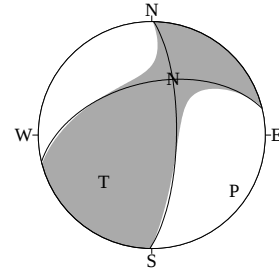
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf:Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG:Moment tensor component, azimuth and plunge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

2004/02/04 15:08:26.5
NORTHERN IWATE PREF
Hypo.:40° 8.6'N 141°53.7'E 63km



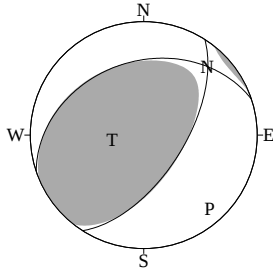
Cent.:40° 8.6'N 141°53.7'E 63km $\Delta t = 6.7$
Mo: 7.85×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 7.79 mtt: 0.04 mff:-7.83
mrt: 0.01 mrf:-0.25 mtf: 0.78 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:354° 44° 90° P-axis:-7.91 264° 1°
NP2:175° 46° 90° T-axis: 7.79 93° 89°
N-axis: 0.12 354° 0°
V.R.: 27% ϵ :-0.01 N:19 COMP:29

2004/02/14 13:04:49.3
MARIANA ISLANDS REGION
Hypo.:21°33.7'N 143°22.0'E 344km



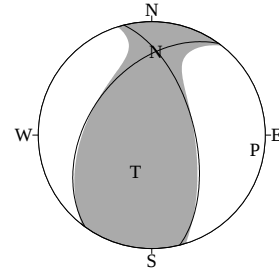
Cent.:21°35.7'N 143°15.8'E 321km $\Delta t = 0.0$
Mo: 5.69×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr: 2.31 mtt:-0.07 mff:-2.24
mrt:-0.87 mrf: 2.88 mtf:-4.30 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 1° 72° 40° P-axis:-5.98 124° 13°
NP2:256° 52° 157° T-axis: 5.41 226° 41°
N-axis: 0.57 21° 46°
V.R.: 27% ϵ :-0.10 N:11 COMP:15

2004/02/17 16:46:26.2
OFF NEMURO PENINSULA
Hypo.:43° 5.7'N 145°59.6'E 46km



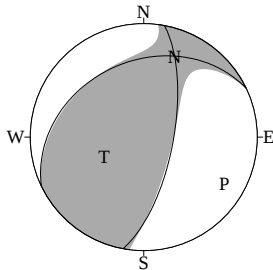
Cent.:42°52.7'N 145°59.9'E 41km $\Delta t = 1.7$
Mo: 2.20×10^{17} N·m Mw:5.5 Mj:5.6 (sec)
mrr: 1.77 mtt:-1.16 mff:-0.61
mrt: 0.22 mrf: 1.17 mtf:-0.98 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 61° 69° P-axis:-2.10 138° 14°
NP2:252° 35° 123° T-axis: 2.30 262° 67°
N-axis:-0.10 43° 19°
V.R.: 33% ϵ : 0.06 N:9 COMP:21

2004/03/03 04:37:57.0
OFF NEMURO PENINSULA
Hypo.:42°52.6'N 146°31.1'E 37km



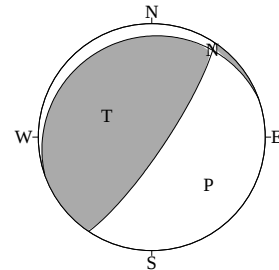
Cent.:43° 0.9'N 146°27.2'E 31km $\Delta t = 9.1$
Mo: 7.04×10^{16} N·m Mw:5.2 Mj:5.4 (sec)
mrr: 5.13 mtt: 1.69 mff:-6.82
mrt:-2.11 mrf: 2.26 mtf:-1.59 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:346° 59° 58° P-axis:-7.40 98° 9°
NP2:216° 43° 131° T-axis: 6.69 204° 61°
N-axis: 0.71 3° 27°
V.R.: 43% ϵ :-0.10 N:9 COMP:19

2004/03/11 11:34:57.5
E OFF IBARAKI PREF
Hypo.:36°19.3'N 141° 0.4'E 48km



Cent.:36°10.6'N 140°59.3'E 33km $\Delta t = 12.2$
Mo: 1.30×10^{17} N·m Mw:5.4 Mj:5.3 (sec)
mrr: 0.79 mtt:-0.17 mff:-0.62
mrt: 0.00 mrf: 0.89 mtf:-0.71 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 10° 69° 63° P-axis:-1.40 120° 19°
NP2:244° 34° 139° T-axis: 1.30 244° 58°
N-axis: 0.10 21° 25°
V.R.: 26% ϵ :-0.07 N:22 COMP:38

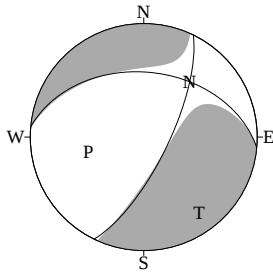
2004/03/27 00:20: 5.9
SE OFF TOKACHI
Hypo.:41°45.4'N 144°22.3'E 37km



Cent.:41°41.2'N 144°21.6'E 19km $\Delta t = 7.8$
Mo: 6.80×10^{17} N·m Mw:5.8 Mj:5.8 (sec)
mrr: 2.33 mtt:-1.52 mff:-0.80
mrt: 3.37 mrf: 5.33 mtf:-1.38 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 34° 80° 83° P-axis:-6.80 130° 35°
NP2:250° 12° 126° T-axis: 6.80 295° 54°
N-axis: 0.00 35° 7°
V.R.: 17% ϵ : 0.00 N:23 COMP:59

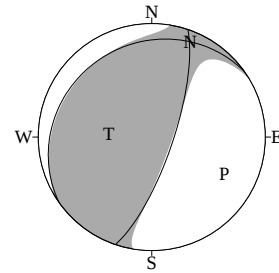
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/04/03 06:45: 9.2
NW OFF AMAMI-OSHIMA IS
Hypo.:29°47.8'N 127°38.5'E 18km



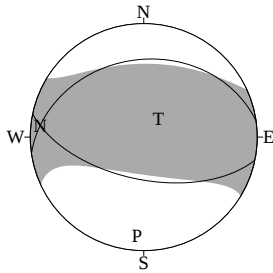
Cent.:29°30.2'N 127°36.8'E 10km $\Delta t = 1.4$
Mo: 5.78×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
mrr:-2.63 mtt: 3.18 mff:-0.55
mrt:-0.91 mrf:-3.51 mtf: 3.43 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 26° 72° -129° P-axis:-5.50 255° 48°
NP2:275° 42° -27° T-axis: 6.05 144° 18°
N-axis:-0.56 40° 37°
V.R.: 31% ϵ : 0.09 N:16 COMP:30

2004/04/04 08:02: 0.6
E OFF IBARAKI PREF
Hypo.:36°23.4'N 141° 9.2'E 49km



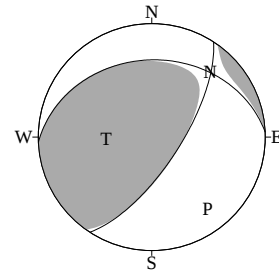
Cent.:36°16.2'N 141° 9.6'E 31km $\Delta t = 9.8$
Mo: 9.00×10^{17} N·m Mw:5.9 Mj:5.8 (sec)
mrr: 4.17 mtt:-0.91 mff:-3.25
mrt: 2.19 mrf: 7.30 mtf:-3.02 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 19° 75° 79° P-axis:-9.40 117° 29°
NP2:235° 19° 125° T-axis: 8.70 274° 59°
N-axis: 0.70 22° 10°
V.R.: 28% ϵ :-0.08 N:25 COMP:65

2004/04/07 22:47: 0.7
FAR S OFF BOSO PENINSULA
Hypo.:34°17.1'N 140°29.0'E 46km



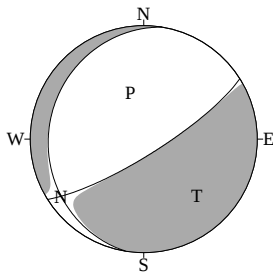
Cent.:34°25.8'N 140°31.7'E 43km $\Delta t = 4.5$
Mo: 4.88×10^{16} N·m Mw:5.1 Mj:4.9 (sec)
mrr: 3.58 mtt:-4.99 mff: 1.41
mrt: 2.20 mrf:-0.60 mtf: 0.36 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:102° 59° 101° P-axis:-5.56 184° 14°
NP2:262° 32° 73° T-axis: 4.21 39° 73°
N-axis: 1.35 276° 9°
V.R.: 31% ϵ :-0.24 N:21 COMP:41

2004/04/12 03:06:12.6
OFF NEMURO PENINSULA
Hypo.:42°49.9'N 144°59.6'E 47km



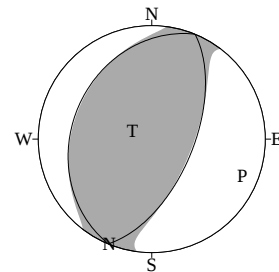
Cent.:42°36.7'N 144°59.4'E 40km $\Delta t = 4.3$
Mo: 1.72×10^{18} N·m Mw:6.1 Mj:5.8 (sec)
mrr: 1.03 mtt:-0.96 mff:-0.07
mrt: 0.39 mrf: 1.16 mtf:-0.70 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 70° 64° P-axis:-1.68 142° 21°
NP2:267° 32° 140° T-axis: 1.76 268° 57°
N-axis:-0.08 42° 24°
V.R.: 18% ϵ : 0.05 N:23 COMP:65

2004/04/17 22:02:23.9
SOUTHERN SEA OF OKHOTSK
Hypo.:46°49.0'N 145°55.2'E 438km



Cent.:47° 3.9'N 145°58.7'E 401km $\Delta t = -0.1$
Mo: 5.78×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
mrr:-2.15 mtt: 0.46 mff: 1.69
mrt:-4.51 mrf:-2.58 mtf: 1.63 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 58° 78° -77° P-axis:-5.71 344° 55°
NP2:189° 17° -137° T-axis: 5.85 137° 32°
N-axis:-0.13 235° 12°
V.R.: 45% ϵ : 0.02 N:12 COMP:16

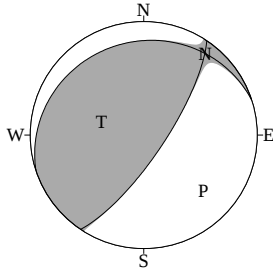
2004/04/21 12:20:53.1
HYUGANADA REGION
Hypo.:31°33.8'N 131°50.2'E 25km



Cent.:31°33.8'N 131°50.2'E 25km $\Delta t = 4.0$
Mo: 5.85×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
mrr: 4.88 mtt:-0.44 mff:-4.43
mrt: 1.12 mrf: 2.69 mtf:-1.98 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 23° 60° 90° P-axis:-6.03 112° 15°
NP2:202° 30° 90° T-axis: 5.66 293° 75°
N-axis: 0.38 202° 0°
V.R.: 25% ϵ :-0.06 N:18 COMP:34

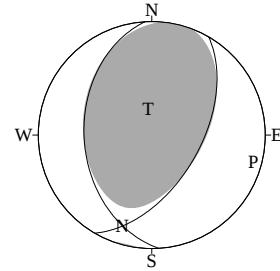
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/05/06 22:43:13.1
OFF NEMURO PENINSULA
Hypo.:42°28.5'N 145° 7.0'E 43km



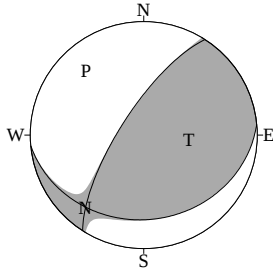
Cent.:42°27.6'N 145° 5.8'E 25km $\Delta t = 3.0$
Mo: $2.10 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.5 Mj:5.7 (sec)
mrr: 1.03 mtt:-0.69 mff:-0.34
mrt: 0.93 mrf: 1.57 mtf:-0.66 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 34° 75° 79° P-axis:-2.20 133° 29°
NP2:252° 19° 127° T-axis: 2.10 288° 58°
N-axis: 0.00 37° 11°
V.R.: 15% ϵ : -0.02 N:16 COMP:38

2004/05/20 06:04:13.7
NEAR OKINAWAJIMA ISLAND
Hypo.:27°17.8'N 128°26.4'E 45km



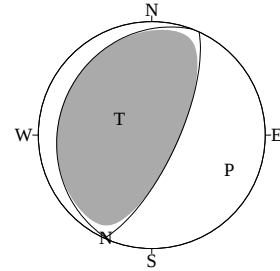
Cent.:27°18.0'N 128°28.6'E 45km $\Delta t = 0.4$
Mo: $3.44 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.0 Mj:5.1 (sec)
mrr: 3.12 mtt:-0.10 mff:-3.03
mrt: 1.27 mrf: 0.56 mtf:-0.70 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 30° 55° 111° P-axis:-3.30 105° 8°
NP2:177° 40° 63° T-axis: 3.58 352° 71°
N-axis:-0.28 198° 17°
V.R.: 23% ϵ : 0.08 N:17 COMP:35

2004/05/20 23:43:13.5
EASTERN SEA OF JAPAN
Hypo.:43° 2.3'N 136°35.0'E 334km



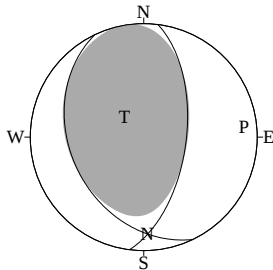
Cent.:43° 2.3'N 136°35.0'E 334km $\Delta t = 3.8$
Mo: $1.30 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.4 Mj:5.4 (sec)
mrr: 0.69 mtt:-0.60 mff:-0.09
mrt:-0.46 mrf:-0.94 mtf:-0.53 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 85° 26° 139° P-axis:-1.40 318° 25°
NP2:213° 73° 70° T-axis: 1.30 96° 57°
N-axis: 0.00 219° 19°
V.R.: 57% ϵ : -0.03 N:20 COMP:40

2004/05/29 12:47:10.1
SE OFF MIYAGI PREF
Hypo.:37°39.8'N 142° 1.2'E 38km



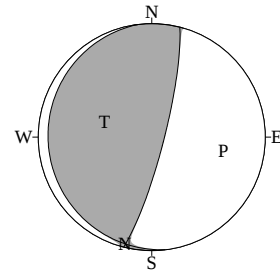
Cent.:37°33.4'N 142° 3.2'E 30km $\Delta t = 5.6$
Mo: $5.60 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:5.9 (sec)
mrr: 3.48 mtt:-0.65 mff:-2.84
mrt: 1.89 mrf: 4.02 mtf:-1.11 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 25° 71° 91° P-axis:-5.50 114° 26°
NP2:201° 19° 87° T-axis: 5.70 297° 64°
N-axis:-0.20 204° 1°
V.R.: 20% ϵ : 0.03 N:25 COMP:61

2004/05/29 19:14:24.9
SEA OF JAPAN
Hypo.:36°43.4'N 130° 9.5'E 43km



Cent.:36°22.0'N 130°11.3'E 18km $\Delta t = 11.7$
Mo: $6.80 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.1 (sec)
mrr: 5.91 mtt:-0.16 mff:-5.75
mrt: 1.69 mrf: 2.94 mtf: 1.03 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 7° 59° 108° P-axis:-6.51 84° 12°
NP2:154° 35° 62° T-axis: 7.10 317° 70°
N-axis:-0.59 178° 16°
V.R.: 33% ϵ : 0.08 N:23 COMP:51

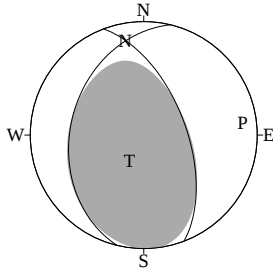
2004/05/30 05:56: 6.0
FAR SE OFF BOSO PEN
Hypo.:34° 6.4'N 141°51.5'E 23km



Cent.:34°10.7'N 141°52.1'E 11km $\Delta t = 11.1$
Mo: $7.87 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.5 Mj:6.7 (sec)
mrr: 2.37 mtt: 0.11 mff:-2.48
mrt: 1.92 mrf: 7.24 mtf:-0.18 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 14° 81° 93° P-axis:-7.89 101° 36°
NP2:173° 9° 69° T-axis: 7.85 288° 54°
N-axis: 0.04 194° 3°
V.R.: 34% ϵ : -0.01 N:25 COMP:75

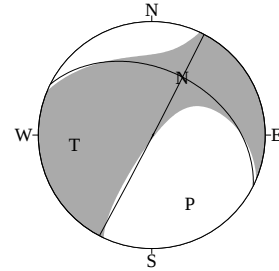
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/06/01 12:08:45.7
 FAR SE OFF BOSO PEN
 Hypo.:34°22.9'N 141°46.1'E 35km



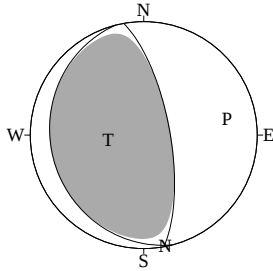
Cent.:34°48.2'N 141°44.7'E 22km $\Delta t = 4.6$
 Mo: 8.15×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
 mrr: 7.02 mtt: 0.05 mff:-7.07
 mrt:-2.90 mrf: 2.95 mtf: 0.31 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:339° 60° 71° P-axis:-7.77 83° 13°
 NP2:194° 36° 119° T-axis: 8.53 209° 69°
 N-axis:-0.77 349° 16°
 V.R.: 32% ϵ : 0.09 N:24 COMP:28

2004/06/04 11:24:42.3
 NEAR ISHIGAKIJIMA ISLAND
 Hypo.:23°59.1'N 122°51.1'E 0km



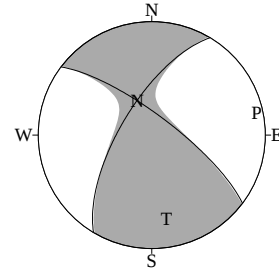
Cent.:23°42.1'N 122°50.4'E 10km $\Delta t = 2.2$
 Mo: 5.66×10^{16} N·m Mw:5.1 Mj:5.5 (sec)
 mrr: 0.27 mtt:-2.97 mff: 2.70
 mrt: 2.53 mrf: 3.44 mtf:-2.55 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 89° 48° P-axis:-6.14 151° 31°
 NP2:297° 42° 179° T-axis: 5.19 263° 32°
 N-axis: 0.96 28° 42°
 V.R.: 24% ϵ :-0.16 N:13 COMP:17

2004/06/09 17:27: 2.6
 FAR E OFF CENTRAL HONSHU
 Hypo.:34°11.5'N 142° 1.6'E 39km



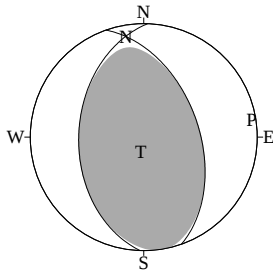
Cent.:34°21.8'N 141°59.9'E 18km $\Delta t = 6.6$
 Mo: 9.68×10^{16} N·m Mw:5.3 Mj:5.6 (sec)
 mrr: 6.07 mtt:-0.58 mff:-5.49
 mrt:-1.27 mrf: 7.56 mtf: 1.14 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:350° 71° 91° P-axis:-9.51 79° 26°
 NP2:166° 19° 86° T-axis: 9.85 262° 64°
 N-axis:-0.33 169° 1°
 V.R.: 22% ϵ : 0.03 N:25 COMP:45

2004/06/13 14:55:57.3
 FAR E OFF SANRIKU
 Hypo.:39°14.2'N 144° 1.3'E 65km



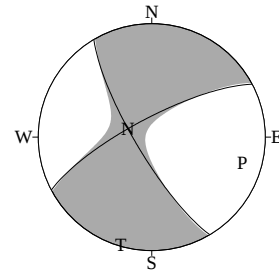
Cent.:39°13.9'N 144° 2.8'E 47km $\Delta t = 2.6$
 Mo: 5.23×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
 mrr: 1.19 mtt: 3.78 mff:-4.96
 mrt:-2.00 mrf: 0.21 mtf: 1.80 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:211° 67° 165° P-axis:-5.38 78° 6°
 NP2:307° 76° 23° T-axis: 5.09 170° 26°
 N-axis: 0.29 337° 63°
 V.R.: 37% ϵ :-0.05 N:23 COMP:33

2004/06/20 14:39: 1.7
 E OFF HACHIJOJIMA ISLAND
 Hypo.:33°27.9'N 140°50.6'E 65km



Cent.:33°43.4'N 140°53.8'E 53km $\Delta t = 5.2$
 Mo: 4.92×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
 mrr: 4.77 mtt:-0.08 mff:-4.69
 mrt:-1.04 mrf: 0.49 mtf: 0.72 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:341° 50° 76° P-axis:-4.84 81° 4°
 NP2:182° 42° 106° T-axis: 5.00 190° 79°
 N-axis:-0.15 350° 11°
 V.R.: 16% ϵ : 0.03 N:22 COMP:32

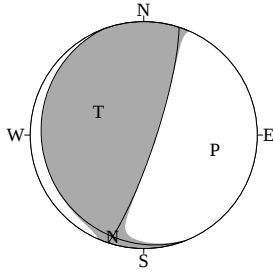
2004/06/26 06:42:20.3
 EASTERN SEA OF JAPAN
 Hypo.:40° 4.7'N 138°26.2'E 37km



Cent.:40°18.6'N 138°25.4'E 17km $\Delta t = 0.5$
 Mo: 2.44×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
 mrr:-0.11 mtt: 2.03 mff:-1.92
 mrt: 0.17 mrf: 0.77 mtf:-1.21 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:242° 77°-168° P-axis:-2.52 106° 18°
 NP2:149° 78° -14° T-axis: 2.37 196° 1°
 N-axis: 0.15 289° 72°
 V.R.: 21% ϵ :-0.06 N:22 COMP:38

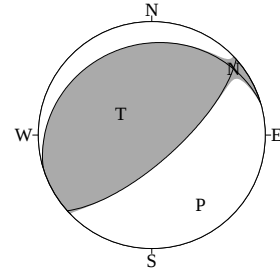
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/07/03 03:59:28.8
E OFF AOMORI PREF
Hypo.:40°53.8'N 143°14.3'E 23km



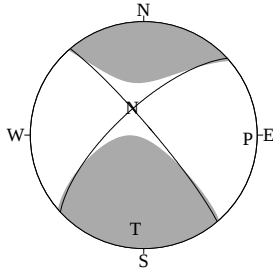
Cent.:40°56.2'N 143°15.1'E 10km $\Delta t = 4.1$
Mo: 5.08×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr: 1.45 mtt: 0.34 mff:-1.79
mrt: 1.56 mrf: 4.54 mtf:-0.01 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 18° 81° 97° P-axis:-5.15 102° 36°
NP2:159° 11° 51° T-axis: 5.00 297° 53°
N-axis: 0.15 197° 7°
V.R.: 40% ϵ :-0.03 N:18 COMP:40

2004/07/07 23:13:47.7
OFF NEMURO PENINSULA
Hypo.:42°26.7'N 145°21.7'E 49km



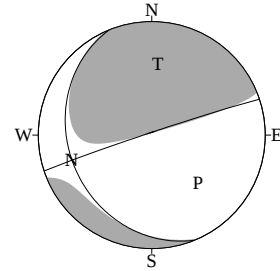
Cent.:42° 8.5'N 145°22.6'E 34km $\Delta t = 0.7$
Mo: 2.53×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 1.51 mtt:-1.20 mff:-0.31
mrt: 1.40 mrf: 1.41 mtf:-0.74 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 48° 71° 81° P-axis:-2.54 145° 26°
NP2:253° 21° 114° T-axis: 2.51 305° 63°
N-axis: 0.03 51° 8°
V.R.: 17% ϵ :-0.01 N:9 COMP:21

2004/07/17 15:10:18.1
SE OFF BOSO PENINSULA
Hypo.:34°50.2'N 140°21.3'E 69km



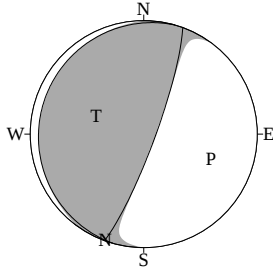
Cent.:34°50.6'N 140°24.8'E 62km $\Delta t = 6.0$
Mo: 3.40×10^{17} N·m Mw:5.6 Mj:5.5 (sec)
mrr:-0.10 mtt: 3.23 mff:-3.13
mrt:-1.20 mrf: 0.54 mtf:-0.42 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:227° 71° 173° P-axis:-3.20 92° 9°
NP2:320° 84° 20° T-axis: 3.70 185° 18°
N-axis:-0.40 337° 69°
V.R.: 30% ϵ : 0.12 N:21 COMP:39

2004/07/20 05:58:40.2
HIDAKA MOUNTAINS REGION
Hypo.:42°31.8'N 143° 5.8'E 98km



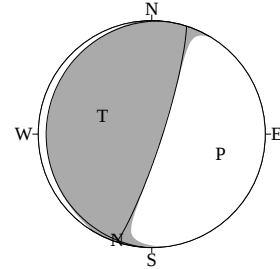
Cent.:42°22.5'N 143° 5.5'E 106km $\Delta t = 2.6$
Mo: 3.19×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr:-0.14 mtt: 1.14 mff:-1.01
mrt: 2.72 mrf: 0.79 mtf:-1.02 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:158° 27° -4° P-axis:-3.06 136° 41°
NP2:252° 88°-117° T-axis: 3.32 5° 37°
N-axis:-0.26 253° 27°
V.R.: 26% ϵ : 0.08 N:19 COMP:31

2004/07/21 09:11:27.3
E OFF AOMORI PREF
Hypo.:40°51.5'N 143°23.6'E 37km



Cent.:40°53.6'N 143°25.2'E 17km $\Delta t = 6.7$
Mo: 1.90×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
mrr: 0.51 mtt: 0.00 mff:-0.51
mrt: 0.63 mrf: 1.71 mtf:-0.19 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 20° 82° 91° P-axis:-1.90 110° 37°
NP2:196° 8° 86° T-axis: 1.90 291° 53°
N-axis: 0.10 200° 1°
V.R.: 34% ϵ :-0.03 N:20 COMP:42

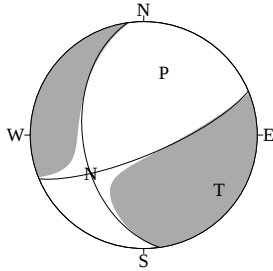
2004/07/21 09:38:19.6
E OFF AOMORI PREF
Hypo.:40°52.0'N 143°17.6'E 30km



Cent.:40°57.3'N 143°18.7'E 10km $\Delta t = 4.4$
Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.4 (sec)
mrr: 0.34 mtt: 0.03 mff:-0.37
mrt: 0.42 mrf: 1.29 mtf:-0.09 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 18° 83° 92° P-axis:-1.40 106° 37°
NP2:185° 8° 78° T-axis: 1.40 290° 52°
N-axis: 0.00 198° 2°
V.R.: 36% ϵ :-0.03 N:21 COMP:39

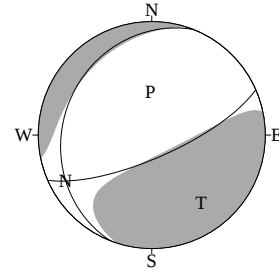
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/07/22 18:45:13.3
NEAR OKINAWAJIMA ISLAND
Hypo.:26°26.5'N 129° 2.0'E 32km



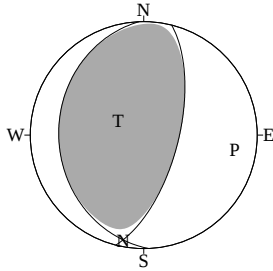
Cent.:26°15.9'N 129° 0.8'E 15km $\Delta t = 7.5$
Mo: 2.29×10^{18} N·m Mw:6.2 Mj:6.1 (sec)
mrr:-0.83 mtt:-0.37 mff: 1.20
mrt:-1.42 mrf:-0.32 mtf: 1.43 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 67° 76° -47° P-axis:-2.20 18° 42°
NP2:172° 45° -160° T-axis: 2.39 126° 19°
N-axis:-0.19 234° 42°
V.R.: 39% ϵ : 0.08 N:21 COMP:57

2004/07/25 03:54:56.2
NEAR OKINAWAJIMA ISLAND
Hypo.:26°28.0'N 128°54.7'E 33km



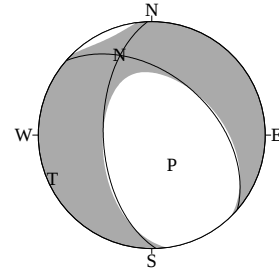
Cent.:26° 5.6'N 128°54.3'E 16km $\Delta t = 0.2$
Mo: 4.00×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr:-1.85 mtt: 1.12 mff: 0.73
mrt:-2.98 mrf:-1.22 mtf: 1.85 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 66° 74° -74° P-axis:-3.70 358° 59°
NP2:202° 23° -133° T-axis: 4.30 144° 27°
N-axis:-0.60 242° 15°
V.R.: 33% ϵ : 0.15 N:5 COMP:13

2004/08/10 15:13:30.9
E OFF IWATE PREF
Hypo.:39°40.4'N 142° 7.9'E 48km



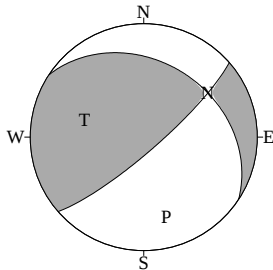
Cent.:39°45.8'N 142° 9.6'E 48km $\Delta t = 4.4$
Mo: 3.30×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
mrr: 2.52 mtt:-0.06 mff:-2.46
mrt: 0.69 mrf: 1.96 mtf:-0.24 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 14° 65° 97° P-axis:-3.20 99° 20°
NP2:178° 26° 75° T-axis: 3.30 299° 69°
N-axis:-0.10 191° 6°
V.R.: 17% ϵ : 0.03 N:23 COMP:47

2004/08/17 12:01:49.7
SE OFF ERIMOMISAKI
Hypo.:41°32.4'N 143°30.0'E 47km



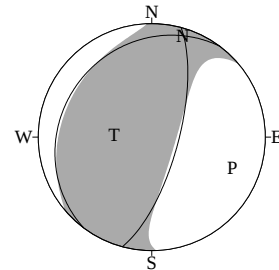
Cent.:41°29.9'N 143°29.8'E 22km $\Delta t = 3.7$
Mo: 5.91×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr:-4.89 mtt: 0.57 mff: 4.32
mrt: 2.08 mrf: 1.90 mtf:-2.42 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:311° 46° -127° P-axis:-6.25 146° 64°
NP2:178° 55° -58° T-axis: 5.57 246° 5°
N-axis: 0.68 338° 25°
V.R.: 43% ϵ :-0.11 N:18 COMP:28

2004/08/21 02:37:54.0
NEAR ISHIGAKIJIMA ISLAND
Hypo.:23°52.8'N 123°22.0'E 30km



Cent.:23°38.4'N 123°20.0'E 21km $\Delta t = 7.2$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.6 (sec)
mrr: 0.33 mtt:-0.77 mff: 0.44
mrt: 0.59 mrf: 0.66 mtf:-0.08 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 49° 80° 57° P-axis:-1.10 164° 28°
NP2:304° 34° 162° T-axis: 1.10 286° 45°
N-axis: 0.00 55° 32°
V.R.: 17% ϵ : 0.00 N:8 COMP:18

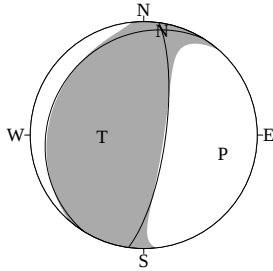
2004/08/21 05:33: 1.1
E OFF BOSO PENINSULA
Hypo.:35° 2.2'N 141°28.8'E 38km



Cent.:34°52.2'N 141°25.3'E 27km $\Delta t = 9.4$
Mo: 8.99×10^{16} N·m Mw:5.2 Mj:5.4 (sec)
mrr: 4.88 mtt: 0.25 mff:-5.13
mrt: 1.67 mrf: 6.76 mtf:-2.94 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 15° 71° 82° P-axis:-9.68 111° 25°
NP2:217° 21° 111° T-axis: 8.29 273° 63°
N-axis: 1.39 17° 7°
V.R.: 29% ϵ :-0.14 N:15 COMP:37

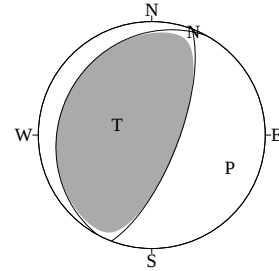
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/08/21 06:19:55.4
E OFF BOSO PENINSULA
Hypo.:35° 3.4'N 141°27.3'E 38km



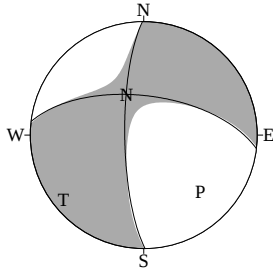
Cent.:35° 1.7'N 141°24.4'E 22km $\Delta t = 9.3$
Mo: 6.52×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr: 3.07 mtt: 0.32 mff: -3.39
mrt: 0.64 mrf: 5.49 mtf: -1.33 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 8° 74° 83° P-axis: -6.83 103° 29°
NP2: 212° 17° 113° T-axis: 6.21 268° 60°
N-axis: 0.62 10° 7°
V.R.: 38% ϵ : -0.09 N:14 COMP:28

2004/09/01 11:49:26.0
E OFF FUKUSHIMA PREF
Hypo.:36°55.3'N 141°46.8'E 31km



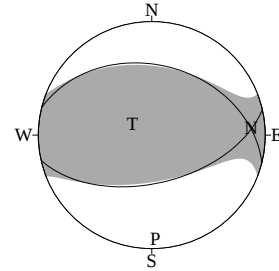
Cent.:37° 0.1'N 141°47.4'E 29km $\Delta t = 9.7$
Mo: 4.20×10^{17} N·m Mw:5.7 Mj:5.6 (sec)
mrr: 2.65 mtt: -0.53 mff: -2.11
mrt: 1.09 mrf: 3.06 mtf: -0.94 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 21° 71° 87° P-axis: -4.10 113° 26°
NP2: 209° 19° 97° T-axis: 4.20 287° 64°
N-axis: -0.10 22° 2°
V.R.: 34% ϵ : 0.03 N:24 COMP:46

2004/09/01 20:07:20.9
NEAR AMAMI-OSHIMA ISLAND
Hypo.:28°51.1'N 129°50.7'E 45km



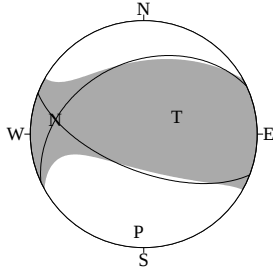
Cent.:28°28.1'N 129°53.0'E 24km $\Delta t = 2.2$
Mo: 6.83×10^{16} N·m Mw:5.2 Mj:5.2 (sec)
mrr: -1.27 mtt: 0.07 mff: 1.20
mrt: 1.65 mrf: 3.11 mtf: -5.73 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 277° 62° -164° P-axis: -7.06 135° 30°
NP2: 179° 76° -29° T-axis: 6.60 231° 10°
N-axis: 0.46 337° 58°
V.R.: 30% ϵ : -0.07 N:15 COMP:23

2004/09/05 19:07: 7.5
SE OFF KII PENINSULA
Hypo.:33° 1.9'N 136°47.8'E 38km



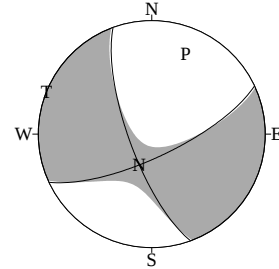
Cent.:33° 1.8'N 136°47.1'E 21km $\Delta t = 15.0$
Mo: 0.98×10^{20} N·m Mw:7.3 Mj:7.1 (sec)
mrr: 0.84 mtt: -0.99 mff: 0.15
mrt: 0.28 mrf: 0.19 mtf: 0.00 ($\times 10^{20}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 77° 55° 74° P-axis: -1.03 178° 9°
NP2: 284° 38° 112° T-axis: 0.93 301° 74°
N-axis: 0.10 86° 13°
V.R.: 52% ϵ : -0.10 N:20 COMP:60

2004/09/05 23:57:16.8
SE OFF KII PENINSULA
Hypo.:33° 8.2'N 137° 8.4'E 44km



Cent.:33° 6.9'N 137° 5.1'E 21km $\Delta t = 33.0$
Mo: 2.11×10^{20} N·m Mw:7.5 Mj:7.4 (sec)
mrr: 1.42 mtt: -2.07 mff: 0.65
mrt: 0.95 mrf: -0.57 mtf: 0.01 ($\times 10^{20}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 111° 63° 115° P-axis: -2.32 183° 15°
NP2: 245° 36° 50° T-axis: 1.91 62° 63°
N-axis: 0.41 279° 22°
V.R.: 43% ϵ : -0.18 N:16 COMP:44

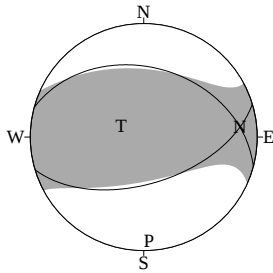
2004/09/06 05:30:59.3
SE OFF KII PENINSULA
Hypo.:33°17.3'N 136°54.3'E 37km



Cent.:33°15.9'N 136°56.0'E 15km $\Delta t = 3.7$
Mo: 4.40×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr: -0.47 mtt: -2.60 mff: 3.07
mrt: -1.68 mrf: 0.71 mtf: 2.83 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 65° 73° -17° P-axis: -4.60 23° 24°
NP2: 160° 73° -162° T-axis: 4.20 292° 0°
N-axis: 0.30 202° 66°
V.R.: 28% ϵ : -0.07 N:19 COMP:23

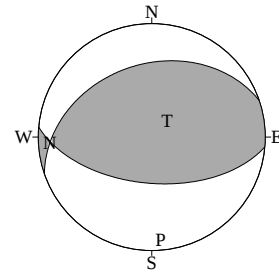
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/09/07 08:29:36.2
SE OFF KII PENINSULA
Hypo.:33°12.5'N 137°17.5'E 41km



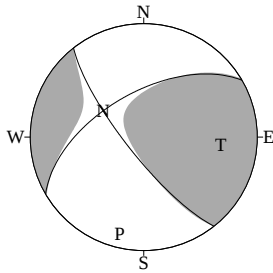
Cent.:33°11.4'N 137°18.3'E 21km $\Delta t=11.0$
Mo: 1.39×10^{19} N·m Mw:6.7 Mj:6.5 (sec)
mrr: 1.11 mtt:-1.45 mff: 0.35
mrt: 0.41 mrf: 0.28 mtf:-0.06 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 73° 56° 71° P-axis:-1.52 177° 9°
NP2:285° 38° 116° T-axis: 1.25 296° 72°
N-axis: 0.27 84° 16°
V.R.: 43% ϵ :-0.18 N:24 COMP:64

2004/09/08 03:36:21.0
SE OFF KII PENINSULA
Hypo.:33°13.5'N 137°11.3'E 40km



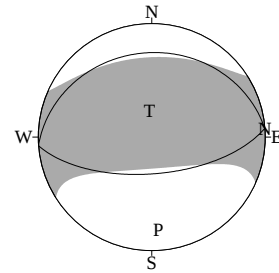
Cent.:33°16.4'N 137°11.1'E 23km $\Delta t=7.1$
Mo: 4.50×10^{17} N·m Mw:5.7 Mj:5.5 (sec)
mrr: 3.99 mtt:-4.11 mff: 0.12
mrt: 1.63 mrf:-0.73 mtf:-0.52 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 95° 56° 104° P-axis:-4.50 175° 10°
NP2:251° 36° 70° T-axis: 4.50 44° 74°
N-axis: 0.00 267° 11°
V.R.: 39% ϵ : 0.00 N:22 COMP:46

2004/09/08 23:40:7.4
FAR S OFF TOKAI DISTRICT
Hypo.:32°57.8'N 137°19.0'E 43km



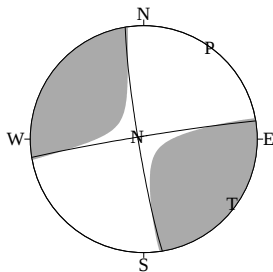
Cent.:33°7.3'N 137°20.1'E 14km $\Delta t=7.4$
Mo: 2.40×10^{17} N·m Mw:5.5 Mj:5.4 (sec)
mrr: 0.46 mtt:-2.03 mff: 1.56
mrt: 0.30 mrf:-1.29 mtf: 0.68 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:240° 58° 15° P-axis:-2.30 194° 13°
NP2:142° 77° 147° T-axis: 2.40 96° 32°
N-axis:-0.20 303° 55°
V.R.: 29% ϵ : 0.07 N:21 COMP:45

2004/09/08 23:58:23.1
SE OFF KII PENINSULA
Hypo.:33°7.0'N 137°17.2'E 36km



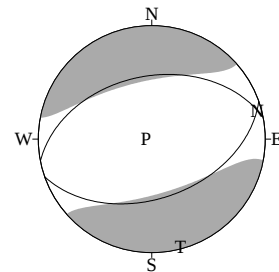
Cent.:33°7.8'N 137°17.3'E 17km $\Delta t=8.1$
Mo: 3.38×10^{18} N·m Mw:6.3 Mj:6.5 (sec)
mrr: 2.25 mtt:-3.13 mff: 0.88
mrt: 2.03 mrf: 0.16 mtf:-0.30 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 85° 64° 90° P-axis:-3.83 176° 19°
NP2:266° 26° 91° T-axis: 2.93 355° 71°
N-axis: 0.90 86° 0°
V.R.: 38% ϵ :-0.24 N:22 COMP:66

2004/09/10 11:05:54.7
SE OFF KII PENINSULA
Hypo.:32°58.6'N 136°43.8'E 30km



Cent.:32°54.0'N 136°45.4'E 18km $\Delta t=7.3$
Mo: 3.40×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr:-0.31 mtt:-0.94 mff: 1.25
mrt:-0.23 mrf:-0.20 mtf: 3.25 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:261° 88° 4° P-axis:-3.30 36° 1°
NP2:171° 86° 178° T-axis: 3.60 126° 4°
N-axis:-0.30 290° 85°
V.R.: 33% ϵ : 0.09 N:23 COMP:43

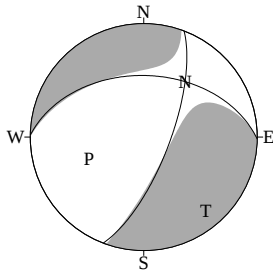
2004/09/13 12:00:13.4
FAR SE OFF KURILE ISL
Hypo.:44°17.6'N 151°24.2'E 30km



Cent.:43°41.7'N 151°25.8'E 16km $\Delta t=4.1$
Mo: 1.09×10^{18} N·m Mw:6.0 Mj:5.8 (sec)
mrr:-0.94 mtt: 1.13 mff:-0.19
mrt:-0.04 mrf:-0.06 mtf: 0.39 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 71° 47° -95° P-axis:-0.94 276° 86°
NP2:259° 44° -84° T-axis: 1.24 165° 2°
N-axis:-0.30 75° 4°
V.R.: 26% ϵ : 0.24 N:16 COMP:44

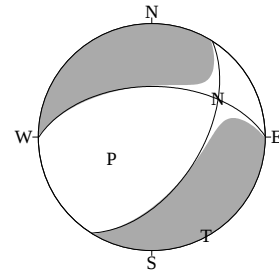
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/10/03 00:22: 5.3
NW OFF OKINAWAJIMA IS
Hypo.:28° 6.5'N 128° 2.1'E 5km



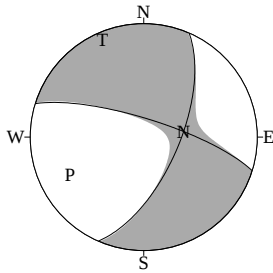
Cent.:27°42.9'N 128° 2.5'E 10km $\Delta t = 2.3$
Mo: 9.30×10^{16} N·m Mw:5.2 Mj:5.0 (sec)
mrr:-4.31 mtt: 4.35 mff:-0.04
mrt:-0.69 mrf:-5.45 mtf: 6.19 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 21° 71° -132° P-axis:-8.82 248° 47°
NP2:271° 45° -27° T-axis: 9.78 140° 16°
N-axis:-0.97 37° 39°
V.R.: 27% ϵ : 0.10 N:16 COMP:24

2004/10/03 00:55:19.1
NW OFF OKINAWAJIMA IS
Hypo.:28° 5.9'N 128° 2.9'E 5km



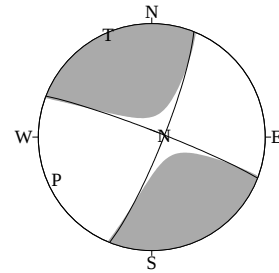
Cent.:27°41.6'N 127°56.8'E 10km $\Delta t = 2.6$
Mo: 4.44×10^{16} N·m Mw:5.0 Mj:4.8 (sec)
mrr:-3.10 mtt: 3.15 mff:-0.05
mrt: 0.84 mrf:-1.65 mtf: 2.58 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 32° 54° -132° P-axis:-4.30 242° 57°
NP2:270° 53° -47° T-axis: 4.58 151° 1°
N-axis:-0.28 60° 33°
V.R.: 22% ϵ : 0.06 N:10 COMP:12

2004/10/03 03:13:54.1
NW OFF OKINAWAJIMA IS
Hypo.:28° 4.7'N 128° 3.7'E 6km



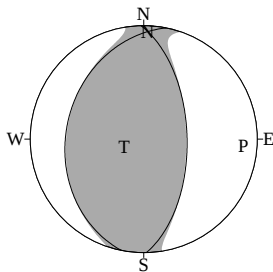
Cent.:27°44.6'N 128° 3.6'E 17km $\Delta t = 6.3$
Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr:-0.20 mtt: 0.79 mff:-0.59
mrt: 0.39 mrf:-0.42 mtf: 0.81 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 24° 65° -166° P-axis:-1.20 243° 28°
NP2:287° 77° -26° T-axis: 1.20 337° 8°
N-axis: 0.10 82° 61°
V.R.: 25% ϵ :-0.05 N:18 COMP:36

2004/10/06 20:33:53.1
NW OFF OKINAWAJIMA IS
Hypo.:28° 6.2'N 128° 0.0'E 0km



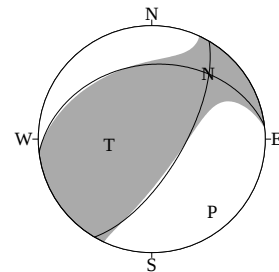
Cent.:27°46.9'N 128° 0.6'E 24km $\Delta t = 6.7$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr:-0.11 mtt: 0.82 mff:-0.71
mrt: 0.11 mrf:-0.12 mtf: 0.82 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 22° 82° -176° P-axis:-1.10 246° 9°
NP2:291° 86° -8° T-axis: 1.20 337° 2°
N-axis:-0.10 82° 81°
V.R.: 30% ϵ : 0.08 N:19 COMP:37

2004/10/06 23:40:40.1
SOUTHERN IBARAKI PREF
Hypo.:35°59.3'N 140° 5.3'E 66km



Cent.:35°53.6'N 140° 7.4'E 52km $\Delta t = 1.3$
Mo: 6.40×10^{17} N·m Mw:5.8 Mj:5.7 (sec)
mrr: 5.54 mtt: 0.33 mff:-5.87
mrt:-0.42 mrf: 2.93 mtf:-0.53 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:359° 59° 83° P-axis:-6.60 94° 13°
NP2:191° 32° 101° T-axis: 6.30 249° 75°
N-axis: 0.30 2° 6°
V.R.: 28% ϵ :-0.05 N:13 COMP:21

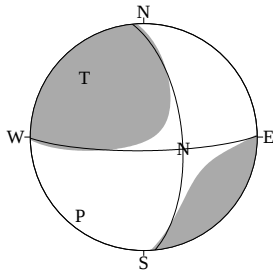
2004/10/08 04:26:45.0
HIDAKA MOUNTAINS REGION
Hypo.:42°20.5'N 143° 7.0'E 50km



Cent.:42° 2.2'N 143° 7.0'E 58km $\Delta t = 5.0$
Mo: 6.44×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr: 3.88 mtt:-3.22 mff:-0.66
mrt: 1.44 mrf: 3.74 mtf:-3.63 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 30° 67° 63° P-axis:-6.87 140° 18°
NP2:263° 35° 137° T-axis: 6.02 262° 59°
N-axis: 0.86 41° 25°
V.R.: 20% ϵ :-0.12 N:18 COMP:36

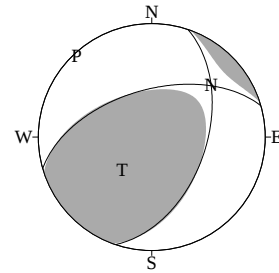
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/10/11 14:09:34.8
SHIKOKU BASIN
Hypo.: 31°10.6'N 135°34.9'E 520km



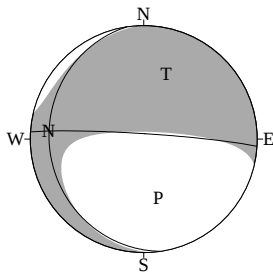
Cent.: 31°13.9'N 135°35.9'E 517km $\Delta t = 1.7$
Mo: 8.54×10^{16} N·m Mw: 5.2 Mj: 5.0 (sec)
mrr: 0.50 mtt: -0.87 mff: 0.37
mrt: 4.02 mrf: 2.14 mtf: 7.27 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 354° 62° 169° P-axis: -7.88 219° 12°
NP2: 89° 80° 28° T-axis: 9.20 315° 27°
N-axis: -1.33 107° 60°
V.R.: 64% ϵ : 0.14 N:14 COMP:18

2004/10/14 04:22:51.4
IOTO ISLANDS REGION
Hypo.: 25°13.2'N 141°14.2'E 181km



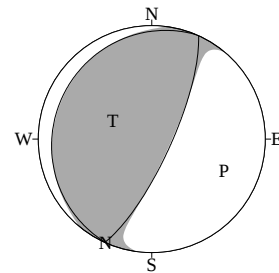
Cent.: 25° 2.1'N 141°27.6'E 192km $\Delta t = 1.8$
Mo: 5.77×10^{16} N·m Mw: 5.1 Mj: 5.6 (sec)
mrr: 4.21 mtt: -2.23 mff: -1.98
mrt: -2.34 mrf: 1.77 mtf: -3.40 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 19° 50° 47° P-axis: -5.53 317° 3°
NP2: 254° 56° 129° T-axis: 6.01 222° 58°
N-axis: -0.48 49° 31°
V.R.: 45% ϵ : 0.08 N:18 COMP:28

2004/10/15 13:08:51.5
NW OFF ISHIGAKIJIMA IS
Hypo.: 24°36.1'N 122°49.6'E 83km



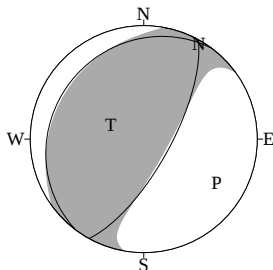
Cent.: 24° 8.0'N 123° 0.5'E 91km $\Delta t = 6.0$
Mo: 1.04×10^{19} N·m Mw: 6.6 Mj: 6.6 (sec)
mrr: -0.18 mtt: 0.03 mff: 0.14
mrt: 0.98 mrf: 0.01 mtf: -0.30 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 172° 18° -13° P-axis: -1.10 166° 46°
NP2: 274° 86° -107° T-axis: 0.98 19° 39°
N-axis: 0.12 275° 17°
V.R.: 28% ϵ : -0.11 N:7 COMP:21

2004/10/17 02:19:19.2
FAR E OFF IBARAKI PREF
Hypo.: 36°16.4'N 141°24.1'E 48km



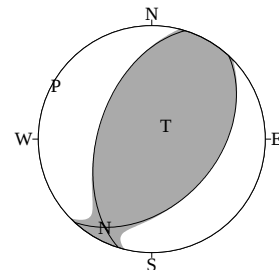
Cent.: 36°20.4'N 141°27.3'E 18km $\Delta t = 4.9$
Mo: 1.80×10^{17} N·m Mw: 5.4 Mj: 5.5 (sec)
mrr: 0.79 mtt: -0.08 mff: -0.72
mrt: 0.65 mrf: 1.43 mtf: -0.35 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 24° 76° 90° P-axis: -1.80 114° 31°
NP2: 203° 14° 89° T-axis: 1.70 295° 59°
N-axis: 0.10 204° 0°
V.R.: 37% ϵ : -0.04 N:18 COMP:30

2004/10/17 03:54:41.6
E OFF IBARAKI PREF
Hypo.: 36°15.3'N 141°19.7'E 49km



Cent.: 36° 6.2'N 141°24.0'E 24km $\Delta t = 5.6$
Mo: 6.20×10^{17} N·m Mw: 5.8 Mj: 5.7 (sec)
mrr: 3.50 mtt: -0.68 mff: -2.82
mrt: 2.32 mrf: 4.32 mtf: -2.22 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 29° 71° 87° P-axis: -6.60 121° 26°
NP2: 217° 19° 98° T-axis: 5.90 294° 64°
N-axis: 0.70 30° 3°
V.R.: 37% ϵ : -0.11 N:14 COMP:30

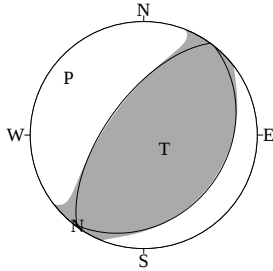
2004/10/23 17:56: 0.3
MID NIIGATA PREF
Hypo.: 37°17.5'N 138°52.0'E 13km



Cent.: 37°17.9'N 138°52.6'E 12km $\Delta t = 11.2$
Mo: 1.29×10^{19} N·m Mw: 6.7 Mj: 6.8 (sec)
mrr: 1.19 mtt: -0.24 mff: -0.94
mrt: 0.14 mrf: -0.30 mtf: -0.60 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 43° 42° 110° P-axis: -1.31 299° 4°
NP2: 197° 51° 73° T-axis: 1.27 47° 76°
N-axis: 0.04 208° 13°
V.R.: 50% ϵ : -0.03 N:20 COMP:58

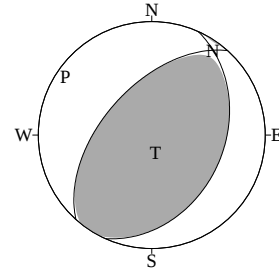
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/10/23 18:34: 5.6
MID NIIGATA PREF
Hypo.:37°18.3'N 138°55.8'E 14km



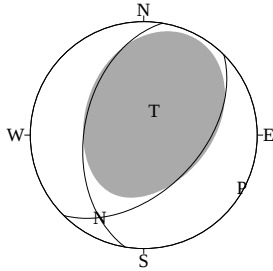
Cent.:37°19.6'N 138°55.7'E 17km $\Delta t = 8.6$
Mo: $5.14 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.4 Mj:6.5 (sec)
mrr: 3.99 mtt:-1.36 mff:-2.63
mrt:-1.75 mrf:-2.47 mtf:-2.24 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 38° 27° 92° P-axis:-5.31 307° 18°
NP2:216° 63° 89° T-axis: 4.98 124° 72°
N-axis: 0.33 216° 1°
V.R.: 54% ϵ : -0.06 N:21 COMP:55

2004/10/23 23:34:45.6
MID NIIGATA PREF
Hypo.:37°19.0'N 138°54.3'E 20km



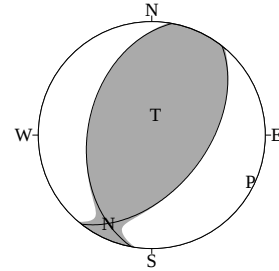
Cent.:37°19.2'N 138°54.5'E 20km $\Delta t = 3.3$
Mo: $7.65 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.3 (sec)
mrr: 7.13 mtt:-2.08 mff:-5.05
mrt:-2.32 mrf:-1.35 mtf:-3.32 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 24° 36° 75° P-axis:-7.60 304° 9°
NP2:222° 55° 101° T-axis: 7.71 168° 77°
N-axis:-0.11 36° 9°
V.R.: 36% ϵ : 0.01 N:15 COMP:27

2004/10/24 14:21:34.9
MID NIIGATA PREF
Hypo.:37°14.7'N 138°49.5'E 11km



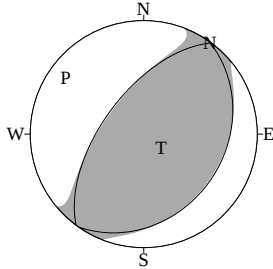
Cent.:37°14.4'N 138°49.3'E 11km $\Delta t = 0.3$
Mo: $1.69 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.8 Mj:5.0 (sec)
mrr: 1.62 mtt:-0.39 mff:-1.24
mrt: 0.62 mrf:-0.22 mtf:-0.58 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 45° 49° 115° P-axis:-1.53 118° 2°
NP2:190° 46° 64° T-axis: 1.85 23° 71°
N-axis:-0.32 208° 19°
V.R.: 35% ϵ : 0.17 N:15 COMP:21

2004/10/25 00:28: 8.9
MID NIIGATA PREF
Hypo.:37°12.1'N 138°52.2'E 10km



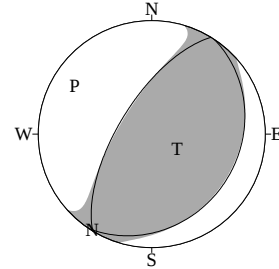
Cent.:37° 7.9'N 138°52.6'E 10km $\Delta t = 4.8$
Mo: $6.86 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.3 (sec)
mrr: 6.32 mtt:-0.71 mff:-5.61
mrt: 1.82 mrf: 0.15 mtf:-2.79 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 38° 51° 109° P-axis:-6.94 115° 4°
NP2:190° 43° 69° T-axis: 6.79 10° 75°
N-axis: 0.15 206° 14°
V.R.: 37% ϵ : -0.02 N:17 COMP:37

2004/10/25 06:04:57.5
MID NIIGATA PREF
Hypo.:37°19.8'N 138°56.8'E 15km



Cent.:37°22.2'N 138°56.8'E 16km $\Delta t = 6.8$
Mo: $4.50 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.7 Mj:5.8 (sec)
mrr: 3.72 mtt:-1.19 mff:-2.53
mrt:-1.42 mrf:-1.87 mtf:-2.02 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 35° 29° 89° P-axis:-4.60 306° 16°
NP2:217° 61° 91° T-axis: 4.40 128° 74°
N-axis: 0.30 36° 1°
V.R.: 52% ϵ : -0.06 N:20 COMP:50

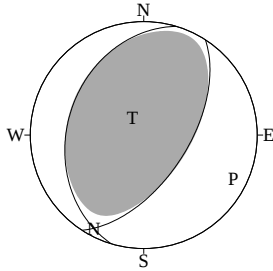
2004/10/27 10:40:50.2
MID NIIGATA PREF
Hypo.:37°17.5'N 139° 2.0'E 12km



Cent.:37°15.4'N 139° 2.3'E 14km $\Delta t = 7.4$
Mo: $1.35 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.0 Mj:6.1 (sec)
mrr: 0.96 mtt:-0.24 mff:-0.72
mrt:-0.47 mrf:-0.78 mtf:-0.51 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 33° 24° 92° P-axis:-1.39 302° 21°
NP2:212° 66° 89° T-axis: 1.31 120° 69°
N-axis: 0.09 212° 1°
V.R.: 50% ϵ : -0.06 N:18 COMP:40

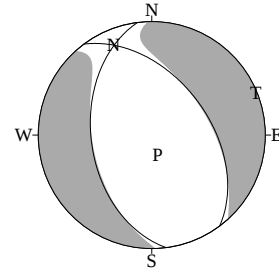
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/11/01 04:35:49.1
MID NIIGATA PREF
Hypo.:37°12.7'N 138°54.0'E 8km



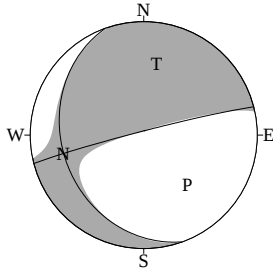
Cent.:37° 8.4'N 138°55.6'E 10km $\Delta t = -0.4$
Mo: 2.32×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
mrr: 2.12 mtt:-0.41 mff:-1.70
mrt: 0.73 mrf: 0.74 mtf:-0.74 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 58° 99° P-axis:-2.26 116° 13°
NP2:197° 33° 76° T-axis: 2.38 328° 75°
N-axis:-0.13 208° 7°
V.R.: 30% ϵ : 0.05 N:9 COMP:13

2004/11/02 17:45:58.5
NEAR CHICHIJIMA ISLAND
Hypo.:28°44.9'N 142°57.9'E 38km



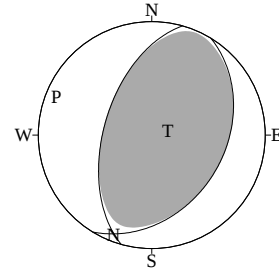
Cent.:28°43.2'N 142°57.4'E 10km $\Delta t = 11.1$
Mo: 3.40×10^{17} N·m Mw:5.6 Mj:5.9 (sec)
mrr:-3.02 mtt: 0.09 mff: 2.93
mrt: 0.76 mrf: 0.13 mtf:-1.38 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:323° 48°-111° P-axis:-3.20 163° 75°
NP2:173° 46° -68° T-axis: 3.50 68° 1°
N-axis:-0.30 337° 15°
V.R.: 37% ϵ : 0.08 N:9 COMP:19

2004/11/02 22:04:21.3
FAR E OFF MIYAGI PREF
Hypo.:38°48.2'N 142°52.5'E 19km



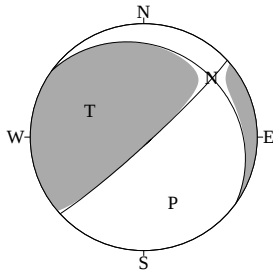
Cent.:38°43.9'N 142°52.1'E 10km $\Delta t = 2.9$
Mo: 8.03×10^{16} N·m Mw:5.2 Mj:5.4 (sec)
mrr:-0.79 mtt: 2.29 mff:-1.50
mrt: 6.68 mrf: 2.25 mtf:-3.30 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:160° 29° -6° P-axis:-8.29 139° 41°
NP2:256° 87°-118° T-axis: 7.78 10° 36°
N-axis: 0.51 257° 28°
V.R.: 22% ϵ :-0.06 N:18 COMP:30

2004/11/04 08:57:29.5
MID NIIGATA PREF
Hypo.:37°25.8'N 138°54.9'E 18km



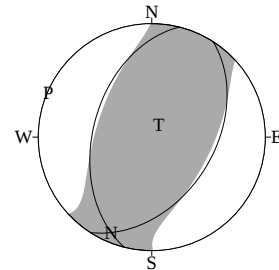
Cent.:37°25.2'N 138°54.4'E 20km $\Delta t = 4.2$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.2 (sec)
mrr: 1.06 mtt:-0.18 mff:-0.88
mrt: 0.00 mrf:-0.40 mtf:-0.38 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 31° 36° 103° P-axis:-1.10 292° 10°
NP2:196° 55° 81° T-axis: 1.10 74° 78°
N-axis: 0.00 201° 7°
V.R.: 35% ϵ : 0.03 N:21 COMP:43

2004/11/04 23:03:11.0
E OFF HOKKAIDO
Hypo.:43°27.2'N 146°55.2'E 60km



Cent.:43°27.2'N 146°55.2'E 60km $\Delta t = 2.9$
Mo: 6.40×10^{17} N·m Mw:5.8 Mj:5.8 (sec)
mrr: 1.04 mtt:-2.90 mff: 1.85
mrt: 4.14 mrf: 4.21 mtf:-0.16 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 47° 85° 68° P-axis:-6.30 156° 37°
NP2:306° 22° 167° T-axis: 6.50 296° 46°
N-axis:-0.20 49° 22°
V.R.: 35% ϵ : 0.03 N:21 COMP:55

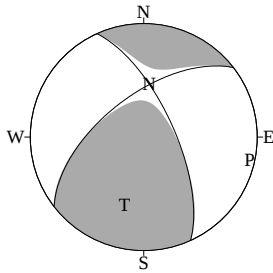
2004/11/06 02:53:21.3
MID NIIGATA PREF
Hypo.:37°21.7'N 139° 0.1'E 0km



Cent.:37°25.7'N 138°59.3'E 11km $\Delta t = 1.8$
Mo: 2.38×10^{16} N·m Mw:4.9 Mj:5.1 (sec)
mrr: 2.09 mtt: 0.03 mff:-2.12
mrt: 0.21 mrf:-0.19 mtf:-1.14 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 45° 104° P-axis:-2.61 293° 1°
NP2:194° 47° 77° T-axis: 2.14 30° 80°
N-axis: 0.47 203° 9°
V.R.: 21% ϵ :-0.18 N:11 COMP:23

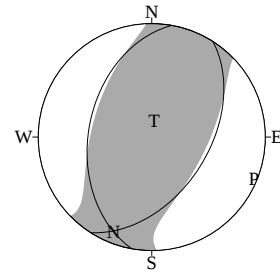
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/11/07 11:02:25.5
SOUTHERN SEA OF OKHOTSK
Hypo.:47°30.2'N 144°45.0'E 507km



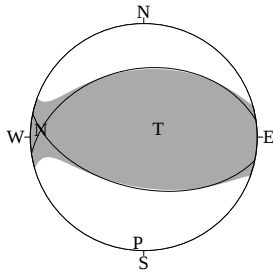
Cent.:47°41.4'N 144°46.0'E 485km $\Delta t = 2.9$
Mo: 1.88×10^{18} N·m Mw:6.1 Mj:6.0 (sec)
mrr: 0.66 mtt: 0.98 mff:-1.64
mrt:-0.91 mrf: 0.42 mtf:-0.70 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:232° 60° 154° P-axis:-1.83 102° 5°
NP2:336° 68° 32° T-axis: 1.93 196° 38°
N-axis:-0.10 6° 51°
V.R.: 77% ϵ : 0.05 N:18 COMP:36

2004/11/08 11:15:58.5
MID NIIGATA PREF
Hypo.:37°23.7'N 139° 1.9'E 0km



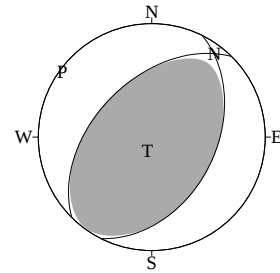
Cent.:37°18.1'N 139° 3.0'E 10km $\Delta t = 5.6$
Mo: 2.90×10^{17} N·m Mw:5.6 Mj:5.9 (sec)
mrr: 2.54 mtt: 0.13 mff:-2.68
mrt: 0.47 mrf: 0.10 mtf:-1.32 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 32° 49° 105° P-axis:-3.20 112° 3°
NP2:190° 43° 73° T-axis: 2.60 9° 78°
N-axis: 0.60 202° 11°
V.R.: 51% ϵ :-0.18 N:9 COMP:23

2004/11/09 00:07:25.1
FAR S OFF TOKAI DISTRICT
Hypo.:33°47.2'N 138°24.6'E 51km



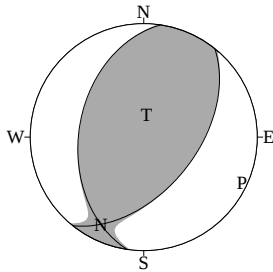
Cent.:33°45.5'N 138°24.0'E 10km $\Delta t = 4.8$
Mo: 2.90×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
mrr: 2.63 mtt:-2.94 mff: 0.31
mrt: 0.64 mrf:-0.47 mtf: 0.11 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:102° 52° 103° P-axis:-3.00 183° 7°
NP2:262° 39° 74° T-axis: 2.80 60° 78°
N-axis: 0.20 274° 10°
V.R.: 35% ϵ :-0.08 N:20 COMP:52

2004/11/09 04:15:59.7
MID NIIGATA PREF
Hypo.:37°21.2'N 138°59.9'E 0km



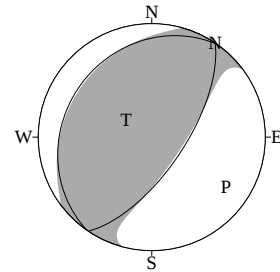
Cent.:37°21.2'N 138°59.1'E 10km $\Delta t = 0.3$
Mo: 1.43×10^{16} N·m Mw:4.7 Mj:5.0 (sec)
mrr: 1.41 mtt:-0.48 mff:-0.93
mrt:-0.28 mrf: 0.02 mtf:-0.66 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 43° 76° P-axis:-1.41 306° 3°
NP2:225° 49° 102° T-axis: 1.46 198° 80°
N-axis:-0.05 37° 9°
V.R.: 25% ϵ : 0.04 N:5 COMP:15

2004/11/10 03:43: 8.3
MID NIIGATA PREF
Hypo.:37°22.1'N 139° 0.0'E 5km



Cent.:37°20.5'N 138°59.8'E 10km $\Delta t = 2.6$
Mo: 5.25×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
mrr: 4.75 mtt:-0.44 mff:-4.31
mrt: 1.55 mrf: 0.26 mtf:-2.10 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 39° 52° 110° P-axis:-5.31 115° 5°
NP2:189° 42° 67° T-axis: 5.19 7° 74°
N-axis: 0.11 206° 15°
V.R.: 47% ϵ :-0.02 N:8 COMP:20

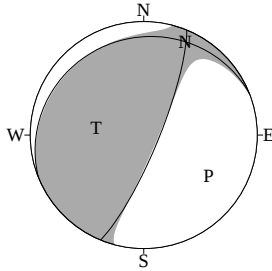
2004/11/11 19:02:46.1
SE OFF TOKACHI
Hypo.:42° 4.8'N 144°29.1'E 39km



Cent.:42° 3.5'N 144°28.6'E 34km $\Delta t = 10.4$
Mo: 1.90×10^{18} N·m Mw:6.1 Mj:6.3 (sec)
mrr: 1.29 mtt:-0.35 mff:-0.95
mrt: 0.73 mrf: 1.09 mtf:-0.77 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 34° 67° 90° P-axis:-1.99 124° 22°
NP2:215° 23° 91° T-axis: 1.82 304° 68°
N-axis: 0.18 34° 0°
V.R.: 30% ϵ :-0.09 N:9 COMP:25

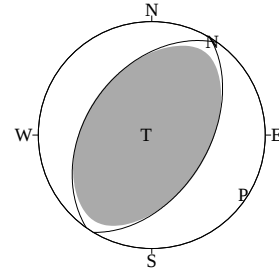
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/11/15 03:44:13.8
SE OFF TOKACHI
Hypo.:41°44.3'N 144°13.7'E 30km



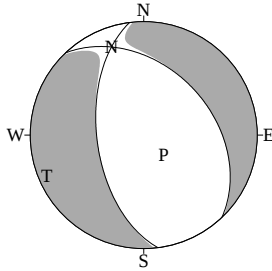
Cent.:41°43.7'N 144°14.7'E 10km $\Delta t = 5.8$
Mo: $1.80 \times 10^{17} \text{N} \cdot \text{m}$ Mw:5.4 Mj:5.7 (sec)
mrr: 0.59 mtt:-0.25 mff:-0.34
mrt: 0.58 mrf: 1.50 mtf:-0.52 ($\times 10^{17} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 22° 79° 79° P-axis:-1.80 122° 33°
NP2:248° 15° 135° T-axis: 1.70 279° 55°
N-axis: 0.10 24° 11°
V.R.: 25% ϵ : -0.06 N:18 COMP:38

2004/11/22 23:57:36.5
SE OFF TOKACHI
Hypo.:41°43.9'N 144°13.9'E 33km



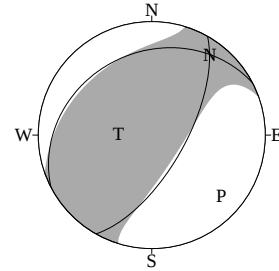
Cent.:41°38.2'N 144°15.0'E 34km $\Delta t = 0.6$
Mo: $2.93 \times 10^{16} \text{N} \cdot \text{m}$ Mw:4.9 Mj:5.1 (sec)
mrr: 2.97 mtt:-0.94 mff:-2.03
mrt: 0.10 mrf: 0.37 mtf:-1.24 ($\times 10^{16} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 31° 49° 87° P-axis:-2.87 123° 4°
NP2:215° 42° 93° T-axis: 3.00 272° 86°
N-axis:-0.13 33° 2°
V.R.: 21% ϵ : 0.04 N:10 COMP:18

2004/11/26 08:11:26.0
FAR E OFF IZU ISLANDS
Hypo.:32°44.1'N 142°20.5'E 2km



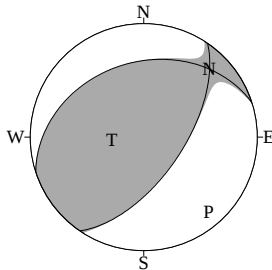
Cent.:32°44.2'N 142°28.9'E 10km $\Delta t = 0.4$
Mo: $2.46 \times 10^{16} \text{N} \cdot \text{m}$ Mw:4.9 Mj:5.1 (sec)
mrr:-2.09 mtt: 0.18 mff: 1.90
mrt: 0.39 mrf: 0.90 mtf:-1.04 ($\times 10^{16} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1:317° 40° -119° P-axis:-2.43 134° 70°
NP2:173° 56° -68° T-axis: 2.49 247° 8°
N-axis:-0.06 340° 18°
V.R.: 17% ϵ : 0.02 N:12 COMP:22

2004/11/27 07:42:37.5
HIDAKA MOUNTAINS REGION
Hypo.:42°19.5'N 143° 4.8'E 51km



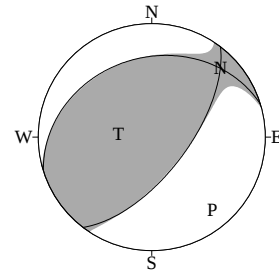
Cent.:42°19.5'N 143° 4.8'E 51km $\Delta t = 6.1$
Mo: $3.90 \times 10^{17} \text{N} \cdot \text{m}$ Mw:5.7 Mj:5.6 (sec)
mrr: 2.50 mtt:-1.16 mff:-1.33
mrt: 1.06 mrf: 2.25 mtf:-2.09 ($\times 10^{17} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 29° 66° 75° P-axis:-4.20 131° 20°
NP2:243° 28° 120° T-axis: 3.50 273° 66°
N-axis: 0.70 36° 14°
V.R.: 18% ϵ : -0.16 N:19 COMP:33

2004/11/29 03:32:14.5
OFF NEMURO PENINSULA
Hypo.:42°56.7'N 145°16.5'E 48km



Cent.:42°42.5'N 145°13.9'E 39km $\Delta t = 4.3$
Mo: $4.69 \times 10^{19} \text{N} \cdot \text{m}$ Mw:7.0 Mj:7.1 (sec)
mrr: 3.62 mtt:-2.47 mff:-1.16
mrt: 0.77 mrf: 2.40 mtf:-2.32 ($\times 10^{19} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 34° 62° 70° P-axis:-4.75 139° 14°
NP2:252° 34° 123° T-axis: 4.62 266° 67°
N-axis: 0.13 44° 18°
V.R.: 37% ϵ : -0.03 N:5 COMP:13

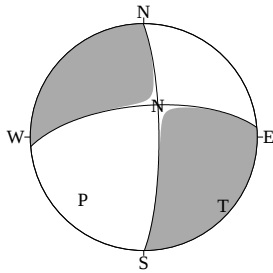
2004/12/06 23:15:11.8
OFF NEMURO PENINSULA
Hypo.:42°50.8'N 145°20.5'E 46km



Cent.:42°32.8'N 145°17.4'E 37km $\Delta t = 5.7$
Mo: $2.06 \times 10^{19} \text{N} \cdot \text{m}$ Mw:6.8 Mj:6.9 (sec)
mrr: 1.49 mtt:-1.07 mff:-0.42
mrt: 0.56 mrf: 1.11 mtf:-0.95 ($\times 10^{19} \text{N} \cdot \text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 37° 64° 73° P-axis:-2.11 140° 18°
NP2:253° 31° 122° T-axis: 2.01 276° 66°
N-axis: 0.10 45° 15°
V.R.: 37% ϵ : -0.05 N:5 COMP:13

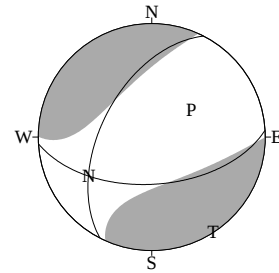
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/12/12 14:28:43.3
SW OFF KYUSHU
Hypo.:31°46.0'N 129°10.8'E 15km



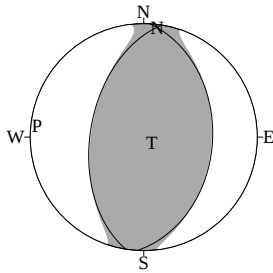
Cent.:31°35.4'N 129° 7.1'E 17km $\Delta t = 0.5$
Mo: 5.01×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr:-0.79 mtt:-0.02 mff: 0.81
mrt: 0.83 mrf:-1.79 mtf: 4.53 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:360° 79° -157° P-axis:-4.96 224° 24°
NP2:265° 67° -12° T-axis: 5.05 131° 8°
N-axis:-0.09 24° 65°
V.R.: 25% ϵ : 0.02 N:12 COMP:20

2004/12/14 02:27: 1.7
SW OFF KYUSHU
Hypo.:31°45.4'N 129° 9.6'E 19km



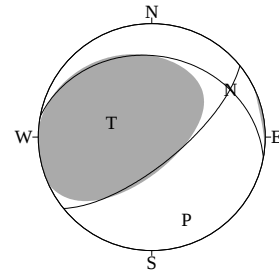
Cent.:31°37.7'N 129° 9.8'E 17km $\Delta t = 4.1$
Mo: 7.53×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr:-5.04 mtt: 5.08 mff:-0.04
mrt:-1.28 mrf: 1.35 mtf: 5.65 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 87° 56° -46° P-axis:-6.32 55° 55°
NP2:207° 53° -135° T-axis: 8.74 147° 1°
N-axis:-2.42 238° 35°
V.R.: 21% ϵ : 0.28 N:10 COMP:20

2004/12/14 14:56:10.5
RUMOI REGION
Hypo.:44° 4.6'N 141°41.9'E 9km



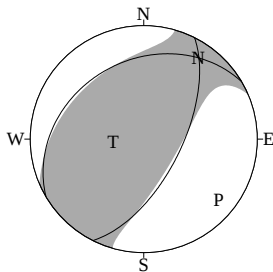
Cent.:44°14.0'N 141°42.3'E 10km $\Delta t = 5.2$
Mo: 6.00×10^{17} N·m Mw:5.8 Mj:6.1 (sec)
mrr: 5.71 mtt: 0.22 mff:-5.93
mrt:-0.43 mrf:-1.19 mtf:-0.67 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 3° 39° 85° P-axis:-6.10 276° 6°
NP2:189° 51° 94° T-axis: 5.90 124° 83°
N-axis: 0.30 7° 3°
V.R.: 32% ϵ :-0.04 N:14 COMP:34

2004/12/16 09:09:58.0
TAIWAN REGION
Hypo.:23°59.0'N 122° 2.5'E 32km



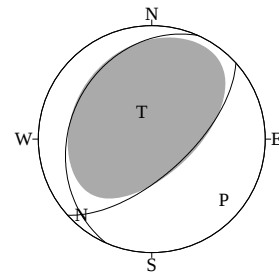
Cent.:23°47.7'N 122° 7.7'E 20km $\Delta t = 5.4$
Mo: 6.15×10^{16} N·m Mw:5.1 Mj:5.5 (sec)
mrr: 3.99 mtt:-4.17 mff: 0.18
mrt: 2.65 mrf: 3.79 mtf:-0.76 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 51° 70° 68° P-axis:-5.65 157° 22°
NP2:281° 29° 136° T-axis: 6.66 290° 59°
N-axis:-1.01 59° 20°
V.R.: 18% ϵ : 0.15 N:6 COMP:10

2004/12/22 00:34:28.2
OFF NEMURO PENINSULA
Hypo.:42°55.6'N 145°30.5'E 45km



Cent.:42°48.5'N 145°31.6'E 37km $\Delta t = 1.9$
Mo: 3.60×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
mrr: 2.54 mtt:-1.02 mff:-1.52
mrt: 0.65 mrf: 1.88 mtf:-2.00 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 63° 74° P-axis:-3.80 129° 16°
NP2:240° 31° 119° T-axis: 3.30 265° 68°
N-axis: 0.50 34° 15°
V.R.: 23% ϵ :-0.14 N:13 COMP:27

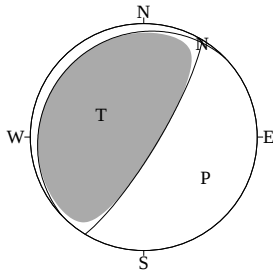
2004/12/28 18:30:36.8
MID NIIGATA PREF
Hypo.:37°19.3'N 138°58.9'E 8km



Cent.:37°19.3'N 139° 1.7'E 10km $\Delta t = 0.3$
Mo: 1.95×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
mrr: 1.61 mtt:-0.56 mff:-1.05
mrt: 1.03 mrf: 0.63 mtf:-0.60 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 48° 64° 101° P-axis:-1.83 130° 18°
NP2:204° 28° 68° T-axis: 2.07 340° 69°
N-axis:-0.24 223° 10°
V.R.: 28% ϵ : 0.12 N:8 COMP:14

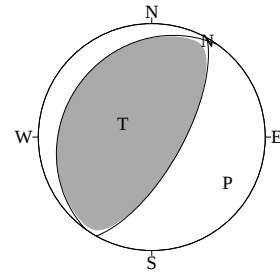
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2004/12/29 22:20:25.5
NEAR AMAMI-OSHIMA ISLAND
Hypo.:28°53.9'N 130°45.2'E 17km



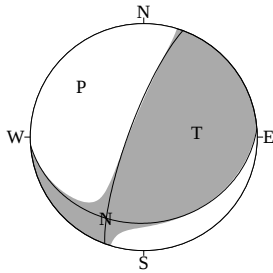
Cent.:28°47.5'N 130°40.0'E 10km $\Delta t = 9.4$
Mo: 4.90×10^{17} N·m Mw:5.7 Mj:5.6 (sec)
mrr: 1.81 mtt:-0.77 mff:-1.04
mrt: 2.32 mrf: 3.95 mtf:-0.74 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 31° 80° 87° P-axis:-4.80 123° 35°
NP2:226° 11° 104° T-axis: 5.00 298° 55°
N-axis:-0.20 32° 3°
V.R.: 36% ϵ : 0.04 N:16 COMP:34

2004/12/29 22:58:48.7
E OFF MIYAGI PREF
Hypo.:38°26.9'N 142°10.7'E 39km



Cent.:38°21.8'N 142°14.3'E 42km $\Delta t = 5.1$
Mo: 3.20×10^{17} N·m Mw:5.6 Mj:5.5 (sec)
mrr: 2.23 mtt:-0.66 mff:-1.57
mrt: 1.08 mrf: 2.04 mtf:-0.98 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 29° 68° 88° P-axis:-3.20 121° 23°
NP2:216° 22° 96° T-axis: 3.20 295° 67°
N-axis: 0.00 30° 2°
V.R.: 29% ϵ : 0.01 N:14 COMP:30

2004/12/30 22:29:45.7
NORTHERN MIYAGI PREF
Hypo.:38°56.5'N 141°37.9'E 73km



Cent.:38°56.2'N 141°40.2'E 74km $\Delta t = 0.7$
Mo: 4.02×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
mrr: 1.32 mtt:-1.02 mff:-0.30
mrt:-1.02 mrf:-3.28 mtf:-1.72 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 86° 25° 153° P-axis:-4.13 309° 30°
NP2:200° 79° 67° T-axis: 3.90 85° 51°
N-axis: 0.23 205° 22°
V.R.: 19% ϵ :-0.06 N:14 COMP:22

EQUAL AREA PROJECTON, LOWER HEMISPHERE.