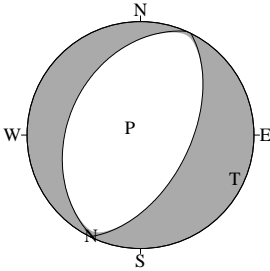


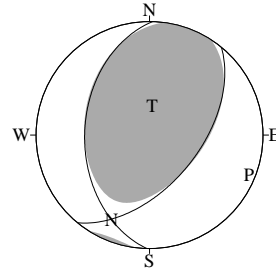
CMT SOLUTIONS FOR EARTHQUAKES IN 2003

2003/01/16 12:42:25.4
NEAR OKINAWAJIMA ISLAND
Hypo.:27°19.3'N 128°53.1'E 27km



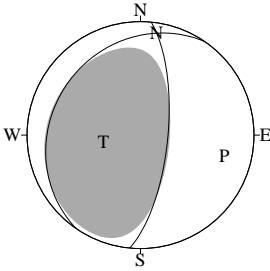
Cent.:27°18.7'N 128°54.4'E 26km $\Delta t = 0.6$
Mo: 7.66×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr:-7.30 mtt: 1.35 mff: 5.95
mrt:-1.17 mrf:-2.09 mtf: 2.77 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 26° 54° -89° P-axis:-7.69 303° 81°
NP2:204° 36° -92° T-axis: 7.63 115° 9°
N-axis: 0.05 206° 1°
V.R.: 18% ϵ : -0.01 N:5 COMP:7

2003/01/19 04:50:26.4
SE OFF KII PENINSULA
Hypo.:33°52.5'N 137°14.4'E 45km



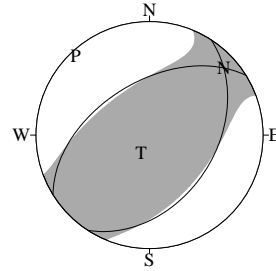
Cent.:33°51.3'N 137°14.2'E 10km $\Delta t = 5.1$
Mo: 1.80×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
mrr: 1.58 mtt:-0.12 mff:-1.46
mrt: 0.72 mrf: 0.10 mtf:-0.56 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 39° 54° 114° P-axis:-1.70 112° 6°
NP2:181° 42° 60° T-axis: 1.80 5° 69°
N-axis:-0.10 204° 19°
V.R.: 30% ϵ : 0.08 N:23 COMP:49

2003/01/28 15:09: 8.6
E OFF AOMORI PREF
Hypo.:41° 3.4'N 143°15.5'E 41km



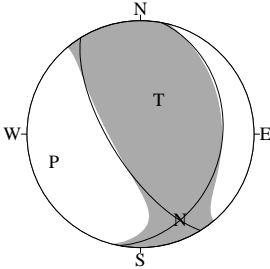
Cent.:40°51.4'N 143°15.3'E 18km $\Delta t = 8.4$
Mo: 5.23×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
mrr: 3.51 mtt:-0.71 mff:-2.80
mrt:-0.09 mrf: 4.01 mtf:-1.07 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 5° 70° 79° P-axis:-4.95 104° 25°
NP2:214° 22° 117° T-axis: 5.51 259° 63°
N-axis:-0.56 9° 10°
V.R.: 17% ϵ : 0.10 N:16 COMP:20

2003/02/02 14:38:54.2
KURILE ISLANDS REGION
Hypo.:45°39.4'N 151°48.1'E 30km



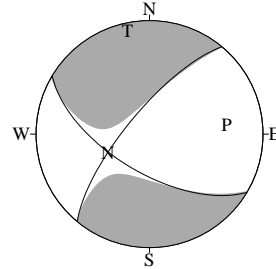
Cent.:45°22.7'N 151°48.2'E 34km $\Delta t = 13.4$
Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
mrr: 1.75 mtt:-0.92 mff:-0.83
mrt:-0.49 mrf:-0.01 mtf:-1.29 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 33° 41° 70° P-axis:-2.20 317° 5°
NP2:238° 52° 106° T-axis: 1.90 205° 76°
N-axis: 0.30 48° 13°
V.R.: 30% ϵ : -0.15 N:14 COMP:28

2003/02/04 21:42:16.9
SE OFF KII PENINSULA
Hypo.:33°59.3'N 137°16.4'E 350km



Cent.:34° 5.1'N 137°15.0'E 361km $\Delta t = 2.4$
Mo: 2.55×10^{16} N·m Mw:4.9 Mj:4.9 (sec)
mrr: 1.55 mtt: 0.43 mff:-1.98
mrt: 1.05 mrf:-1.37 mtf: 0.58 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 11° 29° 129° P-axis:-2.71 252° 21°
NP2:148° 68° 71° T-axis: 2.38 28° 62°
N-axis: 0.33 155° 18°
V.R.: 16% ϵ : -0.12 N:10 COMP:30

2003/02/07 03:48:35.1
E OFF HOKKAIDO
Hypo.:43°10.0'N 147°50.8'E 0km

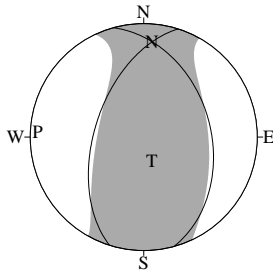


Cent.:43°14.9'N 147°48.2'E 10km $\Delta t = 15.6$
Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.4 (sec)
mrr:-0.36 mtt: 1.14 mff:-0.78
mrt: 0.11 mrf: 0.49 mtf: 0.35 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:219° 74° -151° P-axis:-1.10 83° 32°
NP2:121° 62° -18° T-axis: 1.20 348° 8°
N-axis:-0.10 246° 57°
V.R.: 23% ϵ : 0.08 N:5 COMP:15

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

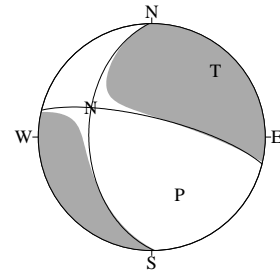
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2003/02/16 12:03:50.7
 E OFF FUKUSHIMA PREF
 Hypo.:37°24.1'N 141° 8.9'E 63km



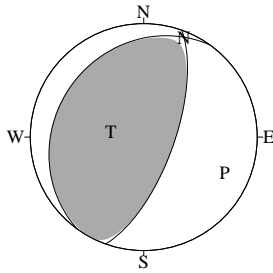
Cent.:37°12.2'N 141° 8.9'E 62km $\Delta t = 1.4$
 Mo: 6.08×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
 mrr: 4.85 mtt: 1.76 mff:-6.61
 mrt:-1.16 mrf:-1.39 mtf:-0.29 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:344° 41° 64° P-axis:-6.79 273° 7°
 NP2:198° 54° 111° T-axis: 5.36 161° 72°
 N-axis: 1.43 5° 17°
 V.R.: 17% ϵ : -0.21 N:17 COMP:37

2003/02/19 14:01:41.2
 RUMOI REGION
 Hypo.:44° 7.1'N 141°50.8'E 222km



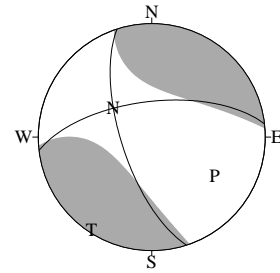
Cent.:44° 5.3'N 141°51.2'E 211km $\Delta t = 3.9$
 Mo: 5.70×10^{17} N·m Mw:5.8 Mj:5.9 (sec)
 mrr:-2.02 mtt: 0.30 mff: 1.72
 mrt: 3.70 mrf:-0.27 mtf:-3.85 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:179° 44° -20° P-axis:-5.40 154° 43°
 NP2:284° 76°-132° T-axis: 5.90 44° 20°
 N-axis:-0.40 296° 40°
 V.R.: 53% ϵ : 0.07 N:21 COMP:43

2003/03/03 07:46:47.6
 E OFF FUKUSHIMA PREF
 Hypo.:37°41.2'N 141°47.0'E 41km



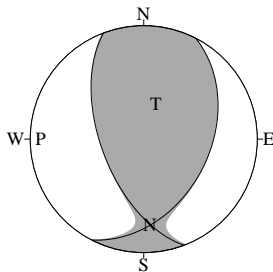
Cent.:37°39.7'N 141°48.0'E 41km $\Delta t = 8.4$
 Mo: 3.80×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
 mrr: 2.66 mtt:-0.58 mff:-2.08
 mrt: 0.77 mrf: 2.64 mtf:-1.10 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 68° 84° P-axis:-3.80 114° 23°
 NP2:216° 23° 105° T-axis: 3.80 279° 66°
 N-axis:-0.10 22° 6°
 V.R.: 20% ϵ : 0.01 N:23 COMP:51

2003/03/13 03:04:43.4
 NW OFF OKINAWAJIMA IS
 Hypo.:27°19.9'N 127° 7.0'E 127km



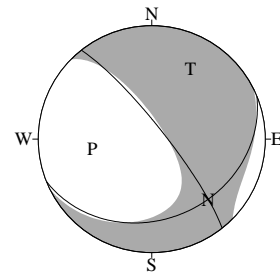
Cent.:27°17.6'N 127° 3.7'E 130km $\Delta t = 7.3$
 Mo: 2.10×10^{17} N·m Mw:5.5 Mj:5.4 (sec)
 mrr:-0.98 mtt: 1.25 mff:-0.27
 mrt: 0.18 mrf: 0.53 mtf:-1.72 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:162° 68° -28° P-axis:-1.80 122° 35°
 NP2:263° 64°-155° T-axis: 2.40 213° 3°
 N-axis:-0.60 307° 55°
 V.R.: 44% ϵ : 0.26 N:10 COMP:16

2003/03/22 03:43:27.7
 NEAR CHICHIJIMA ISLAND
 Hypo.:28° 8.4'N 142°25.3'E 53km



Cent.:28° 2.5'N 142°23.6'E 22km $\Delta t = 12.9$
 Mo: 1.60×10^{17} N·m Mw:5.4 Mj:5.1 (sec)
 mrr: 1.22 mtt: 0.33 mff:-1.54
 mrt: 0.59 mrf:-0.48 mtf:-0.10 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 42° 130° P-axis:-1.60 270° 10°
 NP2:159° 59° 61° T-axis: 1.60 19° 63°
 N-axis: 0.00 176° 25°
 V.R.: 28% ϵ : -0.03 N:20 COMP:40

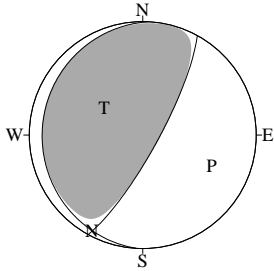
2003/03/24 10:47:10.8
 NEAR TORISHIMA IS
 Hypo.:29°55.8'N 139°19.0'E 445km



Cent.:29°53.7'N 139°13.3'E 426km $\Delta t = 0.2$
 Mo: 1.60×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
 mrr:-0.48 mtt: 0.93 mff:-0.45
 mrt: 0.61 mrf:-1.23 mtf:-0.23 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 68° 30°-162° P-axis:-1.70 261° 46°
 NP2:322° 81° -61° T-axis: 1.50 29° 30°
 N-axis: 0.30 137° 28°
 V.R.: 63% ϵ : -0.16 N:16 COMP:18

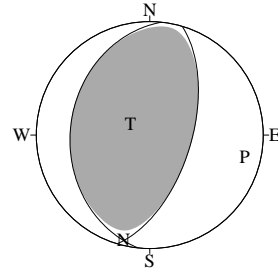
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/04/08 03:28:35.0
 FAR E OFF IBARAKI PREF
 Hypo.: 36°22.4'N 141°57.4'E 24km



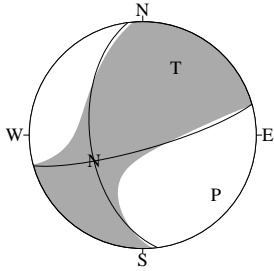
Cent.: 36°18.0'N 141°56.7'E 10km $\Delta t = 4.8$
 Mo: 6.90×10^{17} N·m Mw: 5.8 Mj: 6.0 (sec)
 mrr: 2.72 mtt: -0.21 mff: -2.51
 mrt: 3.20 mrf: 5.53 mtf: -0.65 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 79° 95° P-axis: -6.80 114° 34°
 NP2: 183° 12° 65° T-axis: 7.00 305° 56°
 N-axis: -0.20 208° 5°
 V.R.: 31% ϵ : 0.03 N:19 COMP:43

2003/04/17 02:59:53.6
 E OFF AOMORI PREF
 Hypo.: 40°57.6'N 142°20.5'E 40km



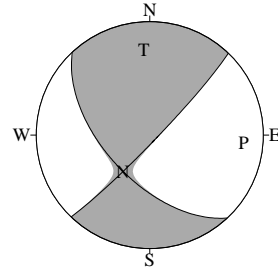
Cent.: 41° 7.4'N 142°20.9'E 40km $\Delta t = 8.0$
 Mo: 1.00×10^{17} N·m Mw: 5.3 Mj: 5.6 (sec)
 mrr: 0.88 mtt: -0.05 mff: -0.83
 mrt: 0.19 mrf: 0.46 mtf: -0.16 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 17° 60° 95° P-axis: -1.00 103° 15°
 NP2: 186° 30° 81° T-axis: 1.00 301° 74°
 N-axis: 0.00 194° 5°
 V.R.: 18% ϵ : 0.02 N:19 COMP:41

2003/04/29 22:53:17.2
 E OFF HOKKAIDO
 Hypo.: 43°31.6'N 147°41.0'E 18km



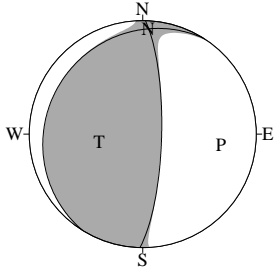
Cent.: 43°24.2'N 147°41.0'E 55km $\Delta t = 14.0$
 Mo: 8.60×10^{17} N·m Mw: 5.9 Mj: 6.0 (sec)
 mrr: 2.46 mtt: 1.13 mff: -3.59
 mrt: 4.70 mrf: 1.21 mtf: -6.48 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 74° 80° 141° P-axis: -9.30 129° 18°
 NP2: 173° 52° 13° T-axis: 7.90 26° 34°
 N-axis: 1.50 242° 50°
 V.R.: 16% ϵ : -0.16 N:20 COMP:46

2003/05/12 00:57: 6.0
 SOUTHERN IBARAKI PREF
 Hypo.: 35°52.1'N 140° 5.1'E 47km



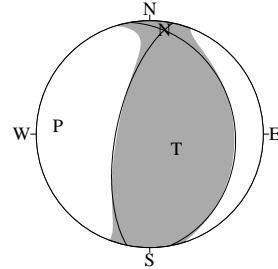
Cent.: 35°45.1'N 140° 5.6'E 35km $\Delta t = 3.4$
 Mo: 8.18×10^{16} N·m Mw: 5.2 Mj: 5.3 (sec)
 mrr: 0.81 mtt: 6.50 mff: -7.31
 mrt: 3.35 mrf: 2.75 mtf: -0.13 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 85° 148° P-axis: -8.24 95° 18°
 NP2: 137° 58° 6° T-axis: 8.13 356° 26°
 N-axis: 0.11 216° 57°
 V.R.: 31% ϵ : -0.01 N:19 COMP:37

2003/05/17 23:33:10.7
 NEAR CHOSHI CITY
 Hypo.: 35°44.3'N 140°39.0'E 47km



Cent.: 35°34.2'N 140°37.1'E 23km $\Delta t = 10.8$
 Mo: 1.60×10^{17} N·m Mw: 5.4 Mj: 5.3 (sec)
 mrr: 0.68 mtt: 0.03 mff: -0.71
 mrt: -0.01 mrf: 1.37 mtf: -0.23 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 1° 76° 82° P-axis: -1.60 98° 31°
 NP2: 213° 16° 120° T-axis: 1.50 260° 58°
 N-axis: 0.00 3° 8°
 V.R.: 18% ϵ : -0.03 N:21 COMP:47

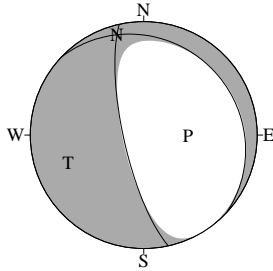
2003/05/26 18:24:33.4
 NORTHERN MIYAGI PREF
 Hypo.: 38°49.2'N 141°39.0'E 72km



Cent.: 38°35.0'N 141°42.2'E 51km $\Delta t = 10.2$
 Mo: 4.18×10^{19} N·m Mw: 7.0 Mj: 7.1 (sec)
 mrr: 2.94 mtt: 0.41 mff: -3.35
 mrt: -0.76 mrf: -2.64 mtf: -0.11 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 350° 26° 70° P-axis: -4.34 275° 20°
 NP2: 192° 66° 99° T-axis: 4.02 119° 68°
 N-axis: 0.31 8° 8°
 V.R.: 29% ϵ : -0.07 N:18 COMP:54

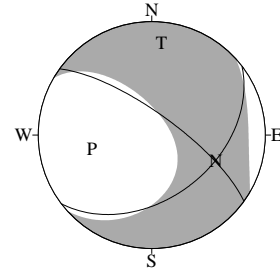
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/06/02 02:50:24.1
NEAR CHICHIJIMA ISLAND
Hypo.:28°17.9'N 142°49.6'E 32km



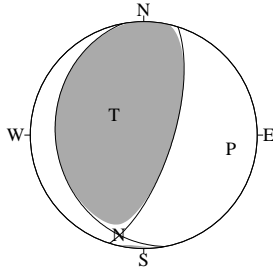
Cent.:28°37.8'N 142°46.5'E 17km $\Delta t=12.2$
Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.6 (sec)
mrr:-1.00 mtt: 0.28 mff: 0.72
mrt:-0.26 mrf: 1.69 mtf:-0.45 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:313° 17° -123° P-axis:-2.00 91° 58°
NP2:168° 76° -80° T-axis: 1.90 250° 30°
N-axis: 0.10 345° 9°
V.R.: 17% ϵ :-0.05 N:18 COMP:32

2003/06/08 13:58:35.8
SE OFF KII PENINSULA
Hypo.:34°13.8'N 136°27.6'E 387km



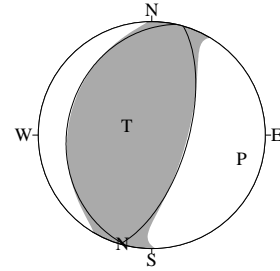
Cent.:34°14.3'N 136°28.0'E 387km $\Delta t=-0.6$
Mo: 5.40×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr:-1.92 mtt: 4.01 mff:-2.09
mrt: 1.78 mrf:-3.97 mtf: 0.64 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 53° 44° -157° P-axis:-6.26 257° 45°
NP2:306° 74° -49° T-axis: 4.55 6° 19°
N-axis: 1.71 112° 39°
V.R.: 45% ϵ :-0.27 N:18 COMP:18

2003/06/09 10:52:48.7
TAIWAN REGION
Hypo.:24°28.9'N 121°45.7'E 43km



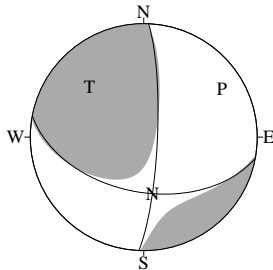
Cent.:24°18.4'N 121°50.6'E 53km $\Delta t= 3.7$
Mo: 7.80×10^{17} N·m Mw:5.9 Mj:6.3 (sec)
mrr: 5.18 mtt: 0.15 mff:-5.33
mrt: 2.26 mrf: 5.26 mtf:-0.27 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 17° 69° 101° P-axis:-7.70 99° 23°
NP2:169° 23° 64° T-axis: 7.90 305° 64°
N-axis:-0.20 194° 10°
V.R.: 20% ϵ : 0.03 N:7 COMP:13

2003/06/10 17:40:33.0
TAIWAN REGION
Hypo.:23°34.6'N 121°41.2'E 92km



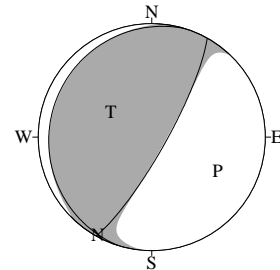
Cent.:23°49.5'N 121°40.0'E 49km $\Delta t=12.2$
Mo: 1.28×10^{18} N·m Mw:6.0 Mj:6.3 (sec)
mrr: 0.97 mtt: 0.02 mff:-0.99
mrt: 0.23 mrf: 0.75 mtf:-0.28 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 16° 64° 92° P-axis:-1.33 105° 19°
NP2:192° 26° 87° T-axis: 1.24 290° 71°
N-axis: 0.09 195° 1°
V.R.: 26% ϵ :-0.07 N:7 COMP:15

2003/06/16 18:34: 4.7
E OFF IBARAKI PREF
Hypo.:36°50.4'N 141°15.7'E 77km



Cent.:36°48.4'N 141°19.9'E 78km $\Delta t= 0.6$
Mo: 3.02×10^{16} N·m Mw:4.9 Mj:5.1 (sec)
mrr: 0.55 mtt: 0.14 mff:-0.69
mrt: 0.72 mrf: 1.88 mtf: 2.18 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 2° 80° 139° P-axis:-2.85 58° 20°
NP2:101° 50° 13° T-axis: 3.19 313° 35°
N-axis:-0.34 171° 48°
V.R.: 15% ϵ : 0.11 N:12 COMP:22

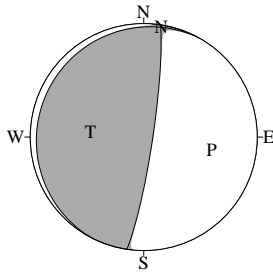
2003/06/19 19:44:23.2
NEAR OKINAWAJIMA ISLAND
Hypo.:26°31.1'N 128°51.0'E 20km



Cent.:26° 8.8'N 128°48.0'E 10km $\Delta t= 1.5$
Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.4 (sec)
mrr: 0.45 mtt:-0.03 mff:-0.42
mrt: 0.63 mrf: 1.11 mtf:-0.22 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 29° 80° 92° P-axis:-1.40 117° 35°
NP2:197° 11° 77° T-axis: 1.30 302° 55°
N-axis: 0.10 209° 2°
V.R.: 15% ϵ :-0.05 N:9 COMP:15

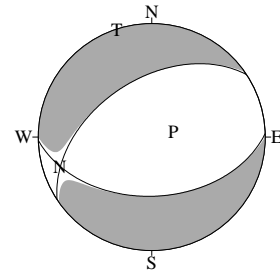
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/06/20 09:29:54.3
 E OFF AOMORI PREF
 Hypo.:40°48.9'N 143°24.0'E 26km



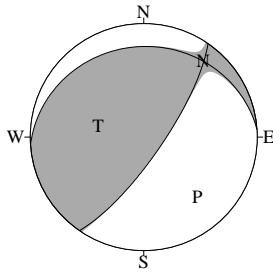
Cent.:40°53.9'N 143°24.0'E 10km $\Delta t = 2.5$
 $M_0: 6.01 \times 10^{16} \text{N}\cdot\text{m}$ $M_w: 5.1$ $M_j: 5.1$ (sec)
 $mrr: 1.33$ $mtt: -0.07$ $mff: -1.25$
 $mrt: 0.84$ $mrf: 5.80$ $mtf: -0.44$ ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 8° 84° 88° P-axis: -6.03 101° 39°
 NP2: 209° 7° 110° T-axis: 6.00 276° 51°
 N-axis: 0.03 9° 2°
 V.R.: 45% $\epsilon: 0.00$ N:6 COMP:12

2003/06/24 17:33:25.7
 SE OFF ETOROFU
 Hypo.:43°24.3'N 149°35.6'E 30km



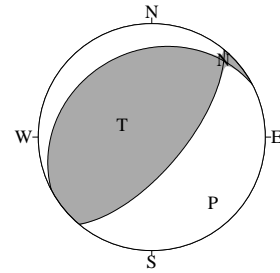
Cent.:43° 8.6'N 149°34.0'E 10km $\Delta t = 7.3$
 $M_0: 9.55 \times 10^{16} \text{N}\cdot\text{m}$ $M_w: 5.3$ $M_j: 5.5$ (sec)
 $mrr: -8.70$ $mtt: 8.69$ $mff: 0.01$
 $mrt: -0.56$ $mrf: 2.45$ $mtf: 3.06$ ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 88° 47° -67° P-axis: -9.44 75° 74°
 NP2: 237° 48° -112° T-axis: 9.66 342° 1°
 N-axis: -0.22 252° 16°
 V.R.: 35% $\epsilon: 0.02$ N:10 COMP:14

2003/07/03 08:52:28.9
 OFF NEMURO PENINSULA
 Hypo.:42°22.3'N 144°57.2'E 33km



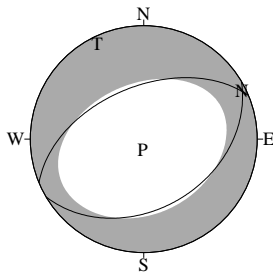
Cent.:42°12.5'N 144°56.8'E 29km $\Delta t = 2.0$
 $M_0: 4.70 \times 10^{17} \text{N}\cdot\text{m}$ $M_w: 5.7$ $M_j: 5.9$ (sec)
 $mrr: 2.03$ $mtt: -1.85$ $mff: -0.18$
 $mrt: 2.04$ $mrf: 3.47$ $mtf: -1.48$ ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 76° 73° P-axis: -4.70 138° 30°
 NP2: 266° 21° 140° T-axis: 4.70 284° 56°
 N-axis: 0.10 38° 16°
 V.R.: 19% $\epsilon: -0.02$ N:11 COMP:31

2003/07/08 13:30:50.6
 OFF NEMURO PENINSULA
 Hypo.:42°26.4'N 145° 6.8'E 41km



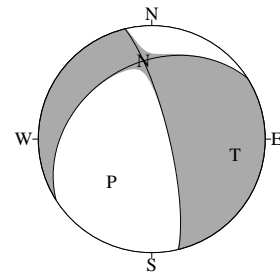
Cent.:42°31.1'N 145° 4.5'E 27km $\Delta t = 3.6$
 $M_0: 1.40 \times 10^{17} \text{N}\cdot\text{m}$ $M_w: 5.4$ $M_j: 5.3$ (sec)
 $mrr: 1.01$ $mtt: -0.62$ $mff: -0.39$
 $mrt: 0.56$ $mrf: 0.81$ $mtf: -0.54$ ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 40° 67° 81° P-axis: -1.40 137° 22°
 NP2: 242° 25° 111° T-axis: 1.40 293° 67°
 N-axis: 0.00 43° 8°
 V.R.: 16% $\epsilon: 0.00$ N:17 COMP:31

2003/07/10 02:15:15.5
 NEAR TOKARA ISLANDS
 Hypo.:29°46.0'N 130° 6.2'E 59km



Cent.:29°21.6'N 130° 5.7'E 49km $\Delta t = 4.1$
 $M_0: 3.20 \times 10^{17} \text{N}\cdot\text{m}$ $M_w: 5.6$ $M_j: 5.3$ (sec)
 $mrr: -3.43$ $mtt: 2.34$ $mff: 1.08$
 $mrt: 0.79$ $mrf: 0.07$ $mtf: 0.87$ ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 59° 38° -96° P-axis: -3.50 185° 82°
 NP2: 247° 52° -85° T-axis: 2.90 334° 7°
 N-axis: 0.70 64° 4°
 V.R.: 49% $\epsilon: -0.19$ N:17 COMP:30

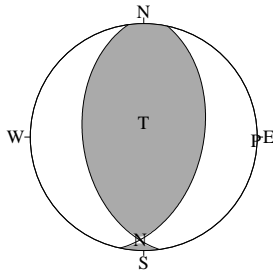
2003/07/25 20:53:11.3
 NEAR TORISHIMA IS
 Hypo.:31°13.9'N 138°37.9'E 400km



Cent.:31°28.9'N 138°34.2'E 392km $\Delta t = 0.5$
 $M_0: 1.80 \times 10^{17} \text{N}\cdot\text{m}$ $M_w: 5.4$ $M_j: 5.1$ (sec)
 $mrr: -0.63$ $mtt: -0.37$ $mff: 1.00$
 $mrt: 0.54$ $mrf: -1.28$ $mtf: 0.68$ ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 346° 78° -122° P-axis: -1.80 223° 47°
 NP2: 238° 34° -22° T-axis: 1.80 101° 26°
 N-axis: 0.00 354° 31°
 V.R.: 20% $\epsilon: -0.02$ N:5 COMP:9

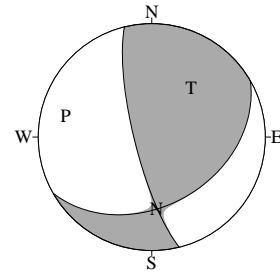
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/07/26 07:13:31.5
 NORTHERN MIYAGI PREF
 Hypo.:38°24.3'N 141°10.2'E 12km



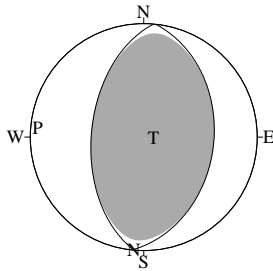
Cent.:38°37.0'N 141° 9.5'E 10km Δt=10.2
 Mo: 1.91x10¹⁸N·m Mw:6.1 Mj:6.4 (sec)
 mrr: 1.85 mtt: 0.05 mff:-1.90
 mrt: 0.33 mrf: 0.02 mtf:-0.07 (x10¹⁸N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 12° 46° 104° P-axis:-1.91 92° 1°
 NP2:172° 45° 76° T-axis: 1.91 359° 80°
 N-axis:-0.01 182° 10°
 V.R.: 35% ε: 0.00 N:19 COMP:55

2003/07/27 15:25:34.2
 SOUTHERN SIBERIA
 Hypo.:46°49.1'N 139° 8.8'E 487km



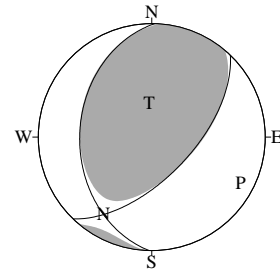
Cent.:46°58.8'N 139°12.0'E 482km Δt= 1.3
 Mo: 1.52x10¹⁹N·m Mw:6.7 Mj:7.1 (sec)
 mrr: 0.51 mtt: 0.40 mff:-0.91
 mrt: 0.45 mrf:-1.01 mtf:-0.68 (x10¹⁹N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 60° 39° 160° P-axis:-1.53 284° 23°
 NP2:166° 77° 52° T-axis: 1.52 39° 44°
 N-axis: 0.01 176° 37°
 V.R.: 65% ε:-0.01 N:12 COMP:34

2003/07/28 04:08: 5.1
 NORTHERN MIYAGI PREF
 Hypo.:38°27.5'N 141° 8.9'E 14km



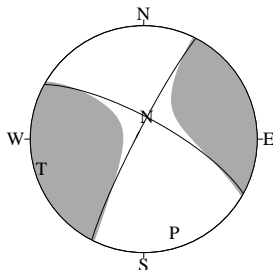
Cent.:38°39.1'N 141° 9.0'E 10km Δt= 6.6
 Mo: 3.63x10¹⁶N·m Mw:5.0 Mj:5.1 (sec)
 mrr: 3.58 mtt:-0.13 mff:-3.45
 mrt:-0.05 mrf:-0.86 mtf:-0.32 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 6° 38° 91° P-axis:-3.58 275° 7°
 NP2:185° 52° 89° T-axis: 3.69 92° 83°
 N-axis:-0.10 185° 0°
 V.R.: 27% ε: 0.03 N:20 COMP:36

2003/08/06 21:15:23.5
 E OFF HOKKAIDO
 Hypo.:43°20.3'N 147°15.8'E 41km



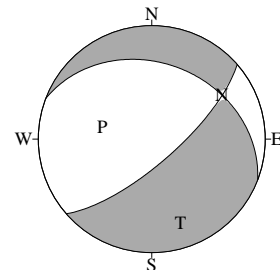
Cent.:43°20.3'N 147°15.8'E 41km Δt= 5.6
 Mo: 3.10x10¹⁶N·m Mw:4.9 Mj:5.0 (sec)
 mrr: 2.45 mtt:-0.13 mff:-2.31
 mrt: 1.56 mrf: 0.64 mtf:-1.05 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 61° 114° P-axis:-3.02 117° 13°
 NP2:181° 37° 54° T-axis: 3.19 356° 65°
 N-axis:-0.17 212° 21°
 V.R.: 22% ε: 0.05 N:12 COMP:26

2003/08/17 11:46:55.0
 PHILIPPINE ISL REGION
 Hypo.:20°21.7'N 121°59.9'E 50km



Cent.:20° 8.1'N 121°57.2'E 63km Δt= 3.4
 Mo: 3.60x10¹⁷N·m Mw:5.6 Mj:5.7 (sec)
 mrr:-0.57 mtt:-2.58 mff: 3.15
 mrt: 0.52 mrf: 0.68 mtf:-1.91 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:207° 85° -15° P-axis:-3.30 162° 14°
 NP2:299° 75°-175° T-axis: 3.80 254° 7°
 N-axis:-0.50 8° 74°
 V.R.: 33% ε: 0.12 N:5 COMP:7

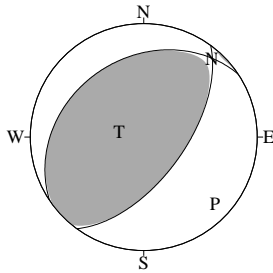
2003/08/19 13:26:50.4
 NEAR TOKARA ISLANDS
 Hypo.:29°10.5'N 129° 4.7'E 7km



Cent.:29° 7.9'N 129° 5.3'E 10km Δt= 6.1
 Mo: 7.85x10¹⁶N·m Mw:5.2 Mj:5.2 (sec)
 mrr:-3.85 mtt: 5.80 mff:-1.96
 mrt:-3.54 mrf:-4.57 mtf: 1.43 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 49° 73°-119° P-axis:-7.84 284° 53°
 NP2:291° 33° -32° T-axis: 7.86 161° 23°
 N-axis:-0.02 58° 28°
 V.R.: 29% ε: 0.00 N:20 COMP:36

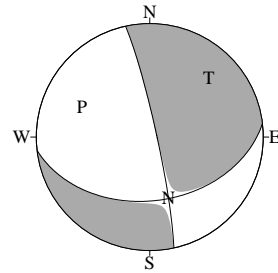
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/08/30 19:06:41.4
 S OFF URAKAWA
 Hypo.:41°48.9'N 142°40.2'E 55km



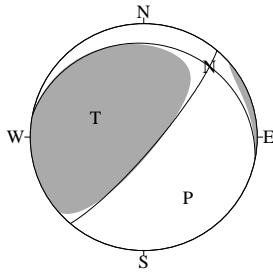
Cent.:41°36.7'N 142°40.0'E 46km $\Delta t = 6.2$
 Mo: $2.50 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.5 Mj:5.4 (sec)
 mrr: 2.14 mtt:-1.12 mff:-1.02
 mrt: 0.58 mrf: 1.18 mtf:-1.10 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 36° 61° 80° P-axis:-2.50 133° 15°
 NP2:236° 31° 108° T-axis: 2.50 282° 72°
 N-axis: 0.00 41° 9°
 V.R.: 51% ϵ : 0.01 N:12 COMP:18

2003/09/01 08:08: 0.8
 NEAR VLADIVOSTOK
 Hypo.:43°17.8'N 132°57.2'E 539km



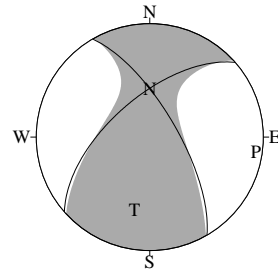
Cent.:43°21.3'N 132°53.8'E 516km $\Delta t = 4.0$
 Mo: $1.69 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.1 Mj:6.2 (sec)
 mrr:-0.22 mtt: 0.48 mff:-0.25
 mrt: 0.18 mrf:-1.20 mtf:-1.09 ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 83° 43°-173° P-axis:-1.67 294° 35°
 NP2:348° 85° -47° T-axis: 1.70 45° 27°
 N-axis:-0.03 163° 43°
 V.R.: 69% ϵ : 0.02 N:22 COMP:58

2003/09/17 06:49:30.9
 SE OFF ETOROFU
 Hypo.:43°49.0'N 147°53.8'E 0km



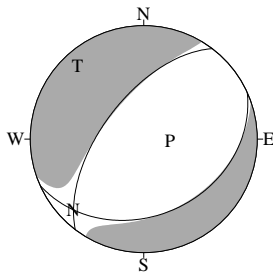
Cent.:43°49.0'N 147°56.5'E 10km $\Delta t = 0.4$
 Mo: $3.07 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.9 Mj:5.0 (sec)
 mrr: 1.04 mtt:-1.30 mff: 0.25
 mrt: 1.63 mrf: 2.29 mtf:-0.44 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 40° 81° 74° P-axis:-2.95 144° 34°
 NP2:281° 19° 149° T-axis: 3.20 292° 52°
 N-axis:-0.25 43° 16°
 V.R.: 29% ϵ : 0.08 N:10 COMP:18

2003/09/20 12:54:52.2
 KUJUKURI COAST BOSO PEN
 Hypo.:35°13.1'N 140°18.0'E 70km



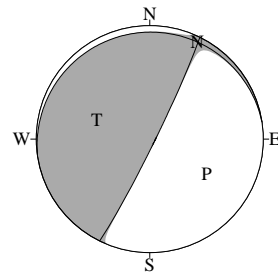
Cent.:35°21.9'N 140°18.9'E 52km $\Delta t = 8.0$
 Mo: $3.90 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.7 Mj:5.8 (sec)
 mrr: 1.51 mtt: 2.48 mff:-3.99
 mrt:-1.37 mrf: 0.75 mtf:-1.04 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:229° 62° 158° P-axis:-4.20 98° 6°
 NP2:330° 70° 30° T-axis: 3.70 192° 35°
 N-axis: 0.50 360° 55°
 V.R.: 23% ϵ :-0.13 N:24 COMP:54

2003/09/25 05:56:55.4
 NORTHERN KYOTO PREF
 Hypo.:35°24.6'N 135°22.3'E 370km



Cent.:35°21.4'N 135°22.3'E 381km $\Delta t = 0.5$
 Mo: $1.60 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.4 Mj:5.4 (sec)
 mrr:-1.25 mtt: 0.79 mff: 0.46
 mrt: 0.33 mrf: 0.71 mtf: 0.80 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 66° 33° -66° P-axis:-1.50 93° 71°
 NP2:217° 60° -105° T-axis: 1.60 318° 14°
 N-axis:-0.10 225° 13°
 V.R.: 49% ϵ : 0.07 N:20 COMP:38

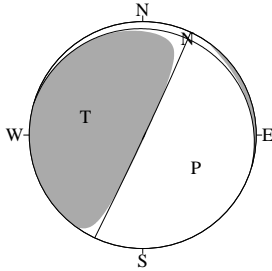
2003/09/26 04:50: 7.4
 SE OFF TOKACHI
 Hypo.:41°46.7'N 144° 4.7'E 45km



Cent.:41°31.9'N 143°55.7'E 19km $\Delta t = 39.4$
 Mo: $1.23 \times 10^{21} \text{N}\cdot\text{m}$ Mw:8.0 Mj:8.0 (sec)
 mrr: 0.15 mtt:-0.11 mff:-0.04
 mrt: 0.53 mrf: 1.09 mtf:-0.14 ($\times 10^{21} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 86° 85° P-axis:-1.24 121° 41°
 NP2:260° 6° 144° T-axis: 1.22 290° 49°
 N-axis: 0.02 26° 5°
 V.R.: 32% ϵ :-0.01 N:14 COMP:42

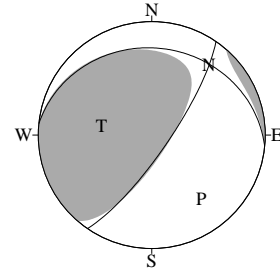
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/09/26 15:26:58.1
SE OFF TOKACHI
Hypo.:42°11.3'N 144°46.5'E 27km



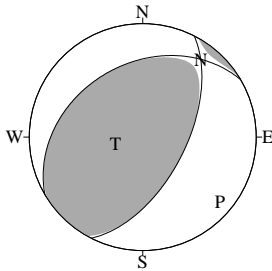
Cent.:42°11.6'N 144°41.4'E 17km $\Delta t = 1.7$
Mo: $1.32 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.0 Mj:6.1 (sec)
mrr: 0.08 mtt:-0.18 mff: 0.10
mrt: 0.54 mrf: 1.19 mtf:-0.09 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 25° 89° 83° P-axis:-1.28 122° 44°
NP2:287° 7° 172° T-axis: 1.35 288° 46°
N-axis:-0.06 25° 7°
V.R.: 18% ϵ : 0.05 N:8 COMP:24

2003/09/27 05:38:22.3
SE OFF TOKACHI
Hypo.:42° 1.5'N 144°43.6'E 34km



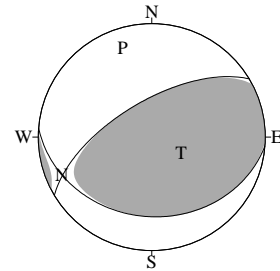
Cent.:42° 2.2'N 144°37.0'E 23km $\Delta t = 3.9$
Mo: $6.60 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:6.0 (sec)
mrr: 2.72 mtt:-3.15 mff: 0.43
mrt: 2.53 mrf: 5.08 mtf:-1.64 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 34° 78° 69° P-axis:-6.30 142° 30°
NP2:276° 24° 149° T-axis: 6.90 280° 53°
N-axis:-0.60 39° 21°
V.R.: 25% ϵ : 0.09 N:6 COMP:16

2003/09/27 17:06:21.5
SE OFF TOKACHI
Hypo.:42°44.1'N 144°20.5'E 59km



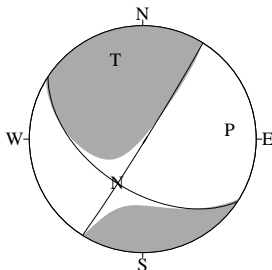
Cent.:42°32.1'N 144°21.8'E 42km $\Delta t = 4.0$
Mo: $1.20 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.3 Mj:5.2 (sec)
mrr: 1.02 mtt:-0.48 mff:-0.54
mrt: 0.06 mrf: 0.57 mtf:-0.58 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 27° 59° 72° P-axis:-1.20 130° 12°
NP2:240° 36° 118° T-axis: 1.20 256° 70°
N-axis: 0.00 37° 16°
V.R.: 15% ϵ : 0.02 N:8 COMP:18

2003/09/28 01:07:40.5
SE OFF TOKACHI
Hypo.:42°19.8'N 144°22.3'E 49km



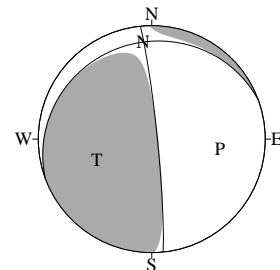
Cent.:42°20.9'N 144°21.3'E 31km $\Delta t = 1.0$
Mo: $5.23 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.1 Mj:5.1 (sec)
mrr: 3.96 mtt:-4.05 mff: 0.09
mrt:-2.32 mrf:-2.23 mtf:-0.98 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 95° 31° 122° P-axis:-5.15 342° 18°
NP2:239° 64° 73° T-axis: 5.31 118° 66°
N-axis:-0.16 247° 15°
V.R.: 19% ϵ : 0.03 N:8 COMP:24

2003/09/28 07:11:58.5
NW OFF AMAMI-OSHIMA IS
Hypo.:28°55.6'N 128°10.7'E 0km



Cent.:28°48.1'N 128°13.8'E 19km $\Delta t = 13.8$
Mo: $7.10 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:6.0 (sec)
mrr:-0.06 mtt: 5.07 mff:-5.01
mrt: 2.88 mrf: 3.26 mtf: 2.53 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 32° 88° 143° P-axis:-6.70 84° 24°
NP2:123° 53° 2° T-axis: 7.50 341° 27°
N-axis:-0.70 210° 53°
V.R.: 32% ϵ : 0.10 N:14 COMP:36

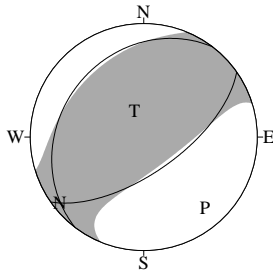
2003/09/28 08:04:40.6
SE OFF TOKACHI
Hypo.:42°11.7'N 144°43.6'E 29km



Cent.:42° 9.4'N 144°43.7'E 10km $\Delta t = 3.9$
Mo: $5.27 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.1 Mj:5.1 (sec)
mrr: 0.80 mtt: 0.06 mff:-0.86
mrt:-0.69 mrf: 4.99 mtf:-1.31 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1:354° 86° 75° P-axis:-5.15 98° 39°
NP2:250° 16° 165° T-axis: 5.39 249° 47°
N-axis:-0.23 355° 15°
V.R.: 29% ϵ : 0.04 N:10 COMP:26

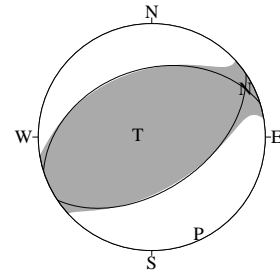
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/09/28 08:36: 5.1
 KURILE ISLANDS REGION
 Hypo.:44°42.7'N 150°35.2'E 30km



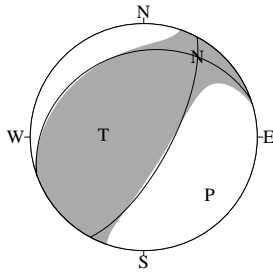
Cent.:44°32.1'N 150°35.1'E 27km $\Delta t=13.7$
 Mo: 2.80×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
 mrr: 1.91 mtt:-1.09 mff:-0.82
 mrt: 1.44 mrf: 0.92 mtf:-1.50 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 55° 64° 98° P-axis: -3.00 139° 19°
 NP2: 217° 27° 74° T-axis: 2.50 341° 70°
 N-axis: 0.50 232° 7°
 V.R.: 38% ϵ : -0.17 N:6 COMP:18

2003/09/28 12:59:29.6
 KURILE ISLANDS REGION
 Hypo.:44°43.1'N 150°41.5'E 30km



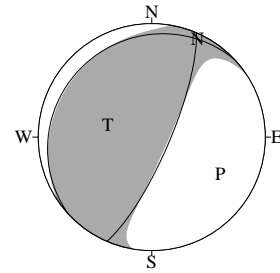
Cent.:44°34.9'N 150°44.1'E 21km $\Delta t=10.3$
 Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.3 (sec)
 mrr: 1.87 mtt:-1.64 mff:-0.24
 mrt: 0.26 mrf: 0.41 mtf:-0.88 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 56° 51° 80° P-axis: -2.10 154° 6°
 NP2: 252° 40° 103° T-axis: 2.00 280° 80°
 N-axis: 0.20 63° 8°
 V.R.: 31% ϵ : -0.07 N:6 COMP:12

2003/09/28 13:17:55.7
 OFF NEMURO PENINSULA
 Hypo.:42°36.2'N 144°48.7'E 48km



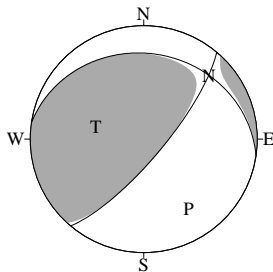
Cent.:42°32.8'N 144°49.0'E 34km $\Delta t= 4.0$
 Mo: 2.40×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
 mrr: 1.33 mtt:-0.73 mff:-0.60
 mrt: 0.73 mrf: 1.61 mtf:-1.17 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 70° 73° P-axis: -2.50 131° 24°
 NP2: 251° 26° 129° T-axis: 2.20 273° 61°
 N-axis: 0.30 34° 16°
 V.R.: 25% ϵ : -0.12 N:17 COMP:35

2003/09/29 01:50:54.5
 OFF NEMURO PENINSULA
 Hypo.:41°52.6'N 145°32.0'E 19km



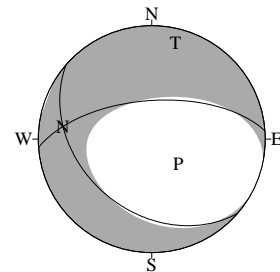
Cent.:41°58.2'N 145°29.1'E 10km $\Delta t= 7.6$
 Mo: 1.30×10^{17} N·m Mw:5.3 Mj:5.5 (sec)
 mrr: 0.50 mtt:-0.10 mff:-0.40
 mrt: 0.44 mrf: 1.06 mtf:-0.34 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 23° 77° 84° P-axis: -1.30 118° 32°
 NP2: 227° 14° 113° T-axis: 1.20 286° 57°
 N-axis: 0.10 25° 5°
 V.R.: 25% ϵ : -0.07 N:12 COMP:30

2003/09/29 11:36:55.0
 SE OFF TOKACHI
 Hypo.:42°21.5'N 144°33.1'E 43km



Cent.:42°19.7'N 144°32.3'E 35km $\Delta t= 2.9$
 Mo: 4.58×10^{18} N·m Mw:6.4 Mj:6.5 (sec)
 mrr: 2.05 mtt:-2.45 mff: 0.40
 mrt: 2.06 mrf: 3.20 mtf:-1.16 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 40° 76° 69° P-axis: -4.51 147° 28°
 NP2: 278° 25° 146° T-axis: 4.66 284° 54°
 N-axis: -0.16 46° 21°
 V.R.: 20% ϵ : 0.03 N:14 COMP:38

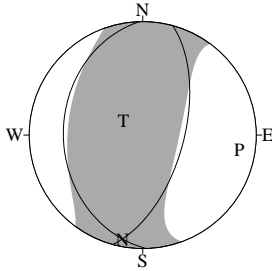
2003/09/29 16:49:58.8
 SE OFF TOKACHI
 Hypo.:42°23.9'N 144° 3.3'E 64km



Cent.:42°25.6'N 144° 4.6'E 35km $\Delta t= 7.2$
 Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
 mrr: -1.32 mtt: 1.18 mff: 0.14
 mrt: 0.84 mrf: 0.54 mtf:-0.47 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 131° 37° -51° P-axis: -1.80 133° 64°
 NP2: 266° 62° -115° T-axis: 1.50 14° 14°
 N-axis: 0.30 278° 22°
 V.R.: 29% ϵ : -0.17 N:18 COMP:30

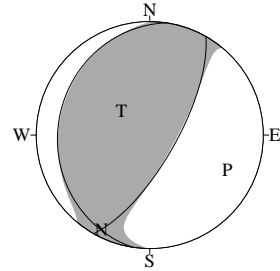
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/09/29 23:22:15.8
SE OFF TOKACHI
Hypo.:42° 4.9'N 144°28.8'E 39km



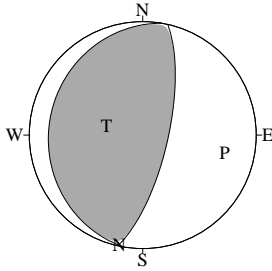
Cent.:42° 7.1'N 144°29.0'E 35km $\Delta t=10.6$
Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.7 (sec)
mrr: 0.99 mtt: 0.36 mff:-1.34
mrt: 0.21 mrf: 0.66 mtf:-0.25 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 15° 60° 98° P-axis:-1.60 99° 15°
NP2:178° 31° 76° T-axis: 1.20 306° 73°
N-axis: 0.40 191° 7°
V.R.: 23% ϵ :-0.24 N:18 COMP:40

2003/09/30 06:22:12.1
SE OFF TOKACHI
Hypo.:41°34.4'N 144°11.6'E 25km



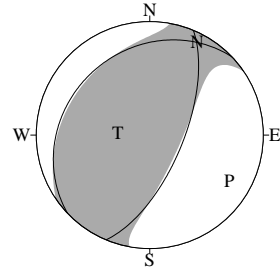
Cent.:41°35.0'N 144° 9.5'E 10km $\Delta t= 9.0$
Mo: 3.60×10^{17} N·m Mw:5.6 Mj:5.8 (sec)
mrr: 2.06 mtt:-0.02 mff:-2.04
mrt: 1.48 mrf: 2.40 mtf:-0.86 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 30° 71° 97° P-axis:-3.70 114° 26°
NP2:189° 20° 70° T-axis: 3.50 311° 63°
N-axis: 0.20 207° 7°
V.R.: 22% ϵ :-0.06 N:19 COMP:43

2003/09/30 07:09:19.3
SE OFF TOKACHI
Hypo.:41°36.3'N 144°12.4'E 25km



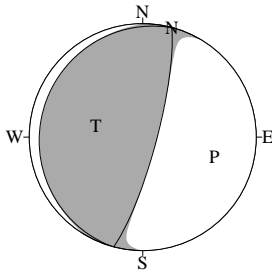
Cent.:41°25.4'N 144°10.5'E 22km $\Delta t=10.4$
Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
mrr: 1.18 mtt:-0.05 mff:-1.12
mrt: 0.36 mrf: 1.55 mtf:-0.22 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 13° 72° 91° P-axis:-2.00 102° 27°
NP2:190° 18° 87° T-axis: 2.00 284° 63°
N-axis: 0.00 192° 1°
V.R.: 28% ϵ : 0.01 N:7 COMP:11

2003/10/02 01:23:30.2
SE OFF TOKACHI
Hypo.:42° 3.5'N 144°33.1'E 38km



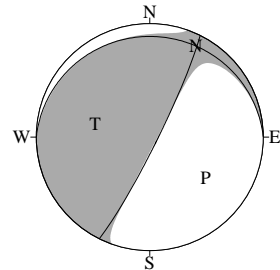
Cent.:41°54.5'N 144°33.4'E 31km $\Delta t= 5.8$
Mo: 6.10×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr: 4.11 mtt:-0.87 mff:-3.24
mrt: 1.30 mrf: 3.81 mtf:-2.70 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 23° 66° 80° P-axis:-6.47 120° 20°
NP2:226° 26° 112° T-axis: 5.73 274° 67°
N-axis: 0.73 27° 9°
V.R.: 30% ϵ :-0.11 N:7 COMP:17

2003/10/02 08:04:51.6
SE OFF ERIMOMISAKI
Hypo.:41°18.7'N 143°40.5'E 21km



Cent.:41°25.2'N 143°42.7'E 10km $\Delta t= 5.5$
Mo: 1.00×10^{17} N·m Mw:5.3 Mj:5.1 (sec)
mrr: 0.33 mtt: 0.00 mff:-0.33
mrt: 0.24 mrf: 0.91 mtf:-0.10 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 15° 80° 90° P-axis:-1.00 105° 35°
NP2:197° 10° 92° T-axis: 1.00 284° 55°
N-axis: 0.00 15° 0°
V.R.: 35% ϵ :-0.03 N:11 COMP:25

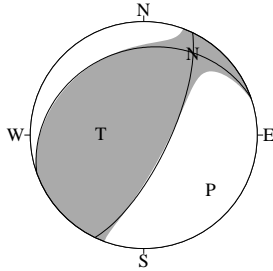
2003/10/07 04:26:16.9
SE OFF TOKACHI
Hypo.:42°14.4'N 144°44.4'E 28km



Cent.:42°19.3'N 144°44.5'E 10km $\Delta t= 3.0$
Mo: 1.90×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
mrr: 0.31 mtt:-0.29 mff:-0.02
mrt: 0.79 mrf: 1.61 mtf:-0.41 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 26° 84° 79° P-axis:-1.90 126° 39°
NP2:270° 12° 153° T-axis: 1.80 284° 49°
N-axis: 0.10 27° 11°
V.R.: 39% ϵ :-0.05 N:8 COMP:24

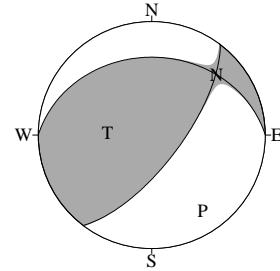
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/10/08 02:40:54.0
SE OFF TOKACHI
Hypo.:42°30.5'N 144°48.0'E 47km



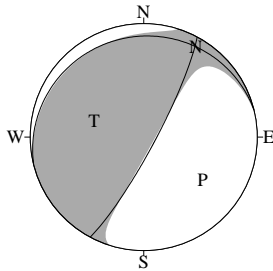
Cent.:42°32.3'N 144°48.4'E 35km $\Delta t = 3.4$
Mo: $5.31 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.1 Mj:5.2 (sec)
mrr: 2.87 mtt:-1.55 mff:-1.32
mrt: 1.43 mrf: 3.82 mtf:-2.34 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 25° 72° 73° P-axis:-5.49 129° 25°
NP2:251° 25° 132° T-axis: 5.13 271° 59°
N-axis: 0.36 31° 17°
V.R.: 25% ϵ :-0.07 N:14 COMP:32

2003/10/08 18:06:56.7
SE OFF TOKACHI
Hypo.:42°33.9'N 144°40.1'E 51km



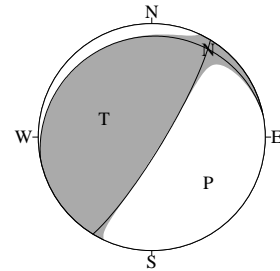
Cent.:42°21.1'N 144°40.5'E 34km $\Delta t = 4.1$
Mo: $1.13 \times 10^{19} \text{N}\cdot\text{m}$ Mw:6.6 Mj:6.4 (sec)
mrr: 0.67 mtt:-0.68 mff: 0.00
mrt: 0.34 mrf: 0.71 mtf:-0.46 ($\times 10^{19} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 37° 69° 65° P-axis:-1.14 146° 21°
NP2:270° 32° 138° T-axis: 1.12 273° 58°
N-axis: 0.02 47° 23°
V.R.: 28% ϵ :-0.02 N:14 COMP:38

2003/10/08 22:32:10.8
SE OFF TOKACHI
Hypo.:42°16.2'N 144°48.1'E 28km



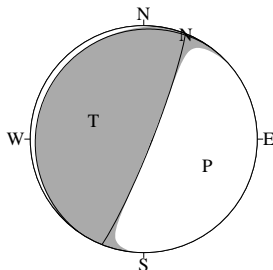
Cent.:42°26.1'N 144°47.8'E 10km $\Delta t = 5.3$
Mo: $6.60 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:5.7 (sec)
mrr: 1.63 mtt:-0.98 mff:-0.65
mrt: 2.89 mrf: 5.49 mtf:-1.63 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 28° 82° 81° P-axis:-6.80 126° 36°
NP2:256° 12° 137° T-axis: 6.30 288° 52°
N-axis: 0.50 30° 9°
V.R.: 31% ϵ :-0.07 N:16 COMP:44

2003/10/09 08:15:18.3
SE OFF TOKACHI
Hypo.:42°15.1'N 144°45.6'E 28km



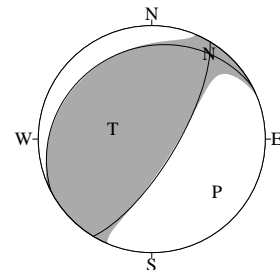
Cent.:42°18.5'N 144°46.1'E 10km $\Delta t = 4.0$
Mo: $5.40 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:5.9 (sec)
mrr: 1.45 mtt:-1.04 mff:-0.40
mrt: 2.58 mrf: 4.41 mtf:-1.21 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 31° 82° 81° P-axis:-5.50 129° 36°
NP2:258° 12° 137° T-axis: 5.30 291° 53°
N-axis: 0.20 33° 9°
V.R.: 19% ϵ :-0.04 N:15 COMP:41

2003/10/09 15:52:59.4
SE OFF ERIMOMISAKI
Hypo.:41°39.8'N 143°36.7'E 25km



Cent.:41°30.2'N 143°36.4'E 10km $\Delta t = 7.0$
Mo: $2.30 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.5 Mj:5.4 (sec)
mrr: 0.43 mtt:-0.04 mff:-0.40
mrt: 0.84 mrf: 2.13 mtf:-0.25 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 22° 84° 89° P-axis:-2.40 113° 39°
NP2:215° 6° 104° T-axis: 2.30 290° 51°
N-axis: 0.10 22° 1°
V.R.: 29% ϵ :-0.04 N:21 COMP:51

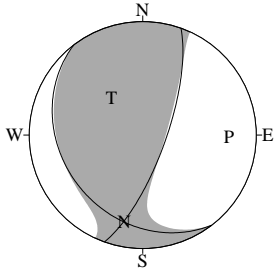
2003/10/10 21:58:20.3
SE OFF TOKACHI
Hypo.:42° 6.0'N 144°54.6'E 26km



Cent.:42° 3.2'N 144°54.2'E 11km $\Delta t = 0.8$
Mo: $2.38 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.9 Mj:5.1 (sec)
mrr: 1.29 mtt:-0.65 mff:-0.63
mrt: 0.90 mrf: 1.68 mtf:-0.90 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 31° 72° 79° P-axis:-2.46 129° 27°
NP2:243° 21° 120° T-axis: 2.31 285° 61°
N-axis: 0.15 34° 10°
V.R.: 31% ϵ :-0.06 N:12 COMP:30

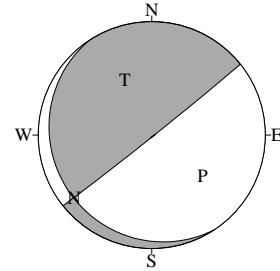
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/10/11 09:08:48.1
SE OFF TOKACHI
Hypo.:41°51.8'N 144°26.3'E 28km



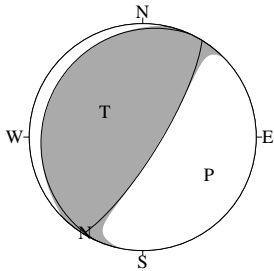
Cent.:41°56.1'N 144°25.5'E 10km $\Delta t = 7.8$
Mo: 6.90×10^{17} N·m Mw:5.8 Mj:6.1 (sec)
mrr: 3.28 mtt: 1.79 mff:-5.06
mrt: 2.18 mrf: 4.80 mtf: 0.79 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 20° 73° 114° P-axis: -7.30 91° 25°
NP2: 143° 29° 36° T-axis: 6.60 320° 55°
N-axis: 0.70 192° 23°
V.R.: 17% ϵ : -0.09 N:22 COMP:52

2003/10/11 10:11:32.0
E OFF HOKKAIDO
Hypo.:43°43.4'N 147°49.8'E 0km



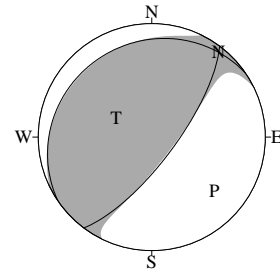
Cent.:43°52.2'N 147°50.8'E 10km $\Delta t = 5.5$
Mo: 3.30×10^{17} N·m Mw:5.6 Mj:5.5 (sec)
mrr: 0.13 mtt: 0.63 mff:-0.76
mrt: 2.55 mrf: 2.02 mtf:-0.23 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 147° 13° 5° P-axis: -3.30 129° 42°
NP2: 51° 89° 103° T-axis: 3.30 334° 45°
N-axis: 0.00 231° 13°
V.R.: 28% ϵ : 0.00 N:19 COMP:41

2003/10/12 03:26:19.7
SE OFF TOKACHI
Hypo.:41°45.6'N 143°49.2'E 48km



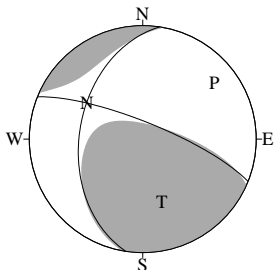
Cent.:41°38.4'N 143°49.5'E 24km $\Delta t = 7.9$
Mo: 1.80×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
mrr: 0.71 mtt: -0.12 mff: -0.59
mrt: 0.85 mrf: 1.37 mtf: -0.36 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 32° 78° 92° P-axis: -1.80 120° 33°
NP2: 204° 13° 83° T-axis: 1.70 304° 57°
N-axis: 0.10 211° 2°
V.R.: 17% ϵ : -0.04 N:16 COMP:42

2003/10/14 21:39:22.2
SE OFF TOKACHI
Hypo.:41°41.8'N 144°18.9'E 26km



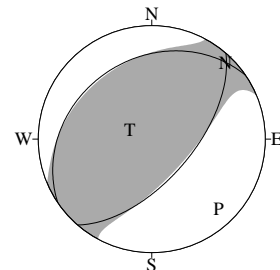
Cent.:41°30.3'N 144°19.5'E 19km $\Delta t = 0.8$
Mo: 5.85×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
mrr: 3.05 mtt: -1.54 mff: -1.51
mrt: 2.81 mrf: 3.96 mtf: -1.95 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 37° 73° 84° P-axis: -6.02 131° 28°
NP2: 236° 18° 108° T-axis: 5.68 298° 61°
N-axis: 0.34 38° 5°
V.R.: 16% ϵ : -0.06 N:9 COMP:23

2003/10/15 16:30:35.7
CENTRAL CHIBA PREF
Hypo.:35°36.8'N 140° 2.9'E 74km



Cent.:35°42.7'N 140° 3.9'E 80km $\Delta t = 8.7$
Mo: 4.96×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr: 1.44 mtt: 1.09 mff: -2.53
mrt: -3.65 mrf: 0.18 mtf: 2.61 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 292° 78° 48° P-axis: -4.63 52° 21°
NP2: 189° 43° 162° T-axis: 5.30 163° 42°
N-axis: -0.67 303° 41°
V.R.: 22% ϵ : 0.13 N:22 COMP:44

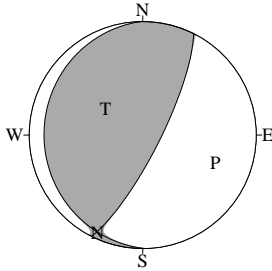
2003/10/18 07:50:10.1
SE OFF TOKACHI
Hypo.:41°42.4'N 144°13.6'E 32km



Cent.:41°34.7'N 144°12.8'E 25km $\Delta t = 3.3$
Mo: 4.47×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
mrr: 3.54 mtt: -1.99 mff: -1.55
mrt: 1.38 mrf: 1.91 mtf: -2.27 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 41° 61° 83° P-axis: -4.70 136° 16°
NP2: 236° 30° 103° T-axis: 4.24 293° 73°
N-axis: 0.45 44° 7°
V.R.: 20% ϵ : -0.10 N:12 COMP:22

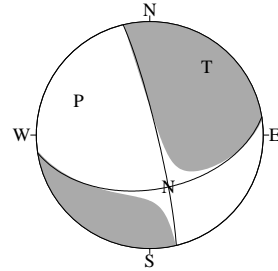
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/10/31 10:06:30.6
SE OFF MIYAGI PREF
Hypo.:37°49.9'N 142°41.7'E 33km



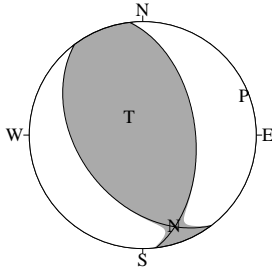
Cent.:37°47.7'N 142°43.1'E 21km $\Delta t=16.0$
Mo: 2.39×10^{19} N·m Mw:6.9 Mj:6.8 (sec)
mrr: 1.00 mtt: 0.02 mff:-1.01
mrt: 1.02 mrf: 1.90 mtf:-0.25 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 78° 97° P-axis:-2.40 111° 32°
NP2:179° 14° 63° T-axis: 2.39 305° 57°
N-axis: 0.01 205° 6°
V.R.: 43% ϵ : 0.00 N:18 COMP:54

2003/10/31 23:15:10.9
NORTHERN YAMAGATA PREF
Hypo.:38°34.7'N 139°56.0'E 158km



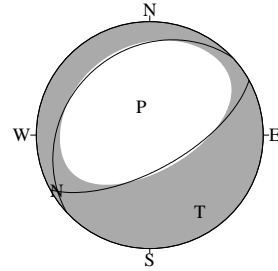
Cent.:38°41.9'N 139°56.2'E 143km $\Delta t= 4.4$
Mo: 5.46×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
mrr:-0.79 mtt: 1.91 mff:-1.12
mrt: 0.72 mrf:-3.34 mtf:-3.94 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 81° 50°-173° P-axis:-5.26 296° 31°
NP2:347° 85° -40° T-axis: 5.67 40° 23°
N-axis:-0.41 160° 50°
V.R.: 45% ϵ : 0.07 N:22 COMP:42

2003/11/01 09:26:57.8
FAR E OFF MIYAGI PREF
Hypo.:37°49.7'N 143°17.0'E 39km



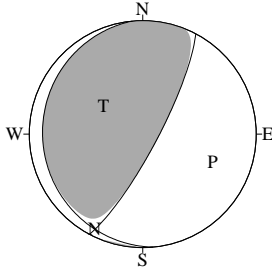
Cent.:37°49.8'N 143°15.7'E 21km $\Delta t= 2.9$
Mo: 2.89×10^{16} N·m Mw:4.9 Mj:5.2 (sec)
mrr: 2.63 mtt:-0.19 mff:-2.44
mrt: 0.52 mrf: 0.69 mtf: 1.07 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:353° 52° 110° P-axis:-2.91 69° 5°
NP2:143° 43° 67° T-axis: 2.87 323° 74°
N-axis: 0.04 161° 16°
V.R.: 32% ϵ :-0.01 N:20 COMP:32

2003/11/01 12:19:25.5
SE OFF TOKACHI
Hypo.:41°46.2'N 144°35.6'E 22km



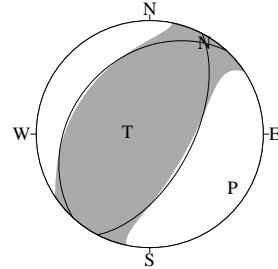
Cent.:41°33.2'N 144°33.1'E 22km $\Delta t= 1.2$
Mo: 2.39×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr:-1.97 mtt: 1.16 mff: 0.81
mrt:-1.42 mrf:-0.61 mtf: 0.66 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 61° 65° -84° P-axis:-2.56 343° 69°
NP2:227° 25°-103° T-axis: 2.21 147° 20°
N-axis: 0.34 239° 5°
V.R.: 26% ϵ :-0.13 N:10 COMP:12

2003/11/01 22:10: 8.3
FAR E OFF FUKUSHIMA PREF
Hypo.:37°46.4'N 143°16.2'E 46km



Cent.:37°47.8'N 143°15.5'E 10km $\Delta t= 6.1$
Mo: 5.70×10^{17} N·m Mw:5.8 Mj:6.2 (sec)
mrr: 2.13 mtt: 0.02 mff:-2.15
mrt: 2.60 mrf: 4.59 mtf:-0.40 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 28° 79° 97° P-axis:-5.60 112° 34°
NP2:175° 13° 58° T-axis: 5.80 306° 55°
N-axis:-0.10 207° 7°
V.R.: 31% ϵ : 0.02 N:19 COMP:47

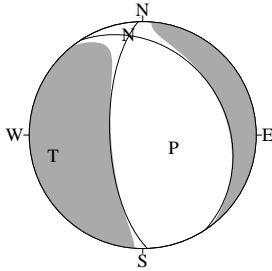
2003/11/02 11:14:34.3
KURILE ISLANDS REGION
Hypo.:44°43.2'N 150°31.3'E 30km



Cent.:44°43.2'N 150°31.3'E 30km $\Delta t= 9.2$
Mo: 1.50×10^{17} N·m Mw:5.4 Mj:5.4 (sec)
mrr: 1.23 mtt:-0.30 mff:-0.93
mrt: 0.27 mrf: 0.67 mtf:-0.81 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 59° 82° P-axis:-1.70 123° 14°
NP2:223° 32° 103° T-axis: 1.40 275° 74°
N-axis: 0.20 31° 7°
V.R.: 28% ϵ :-0.14 N:17 COMP:37

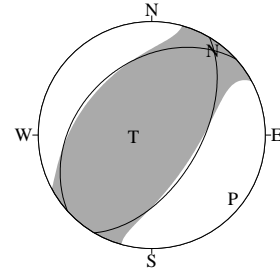
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/11/02 11:58:16.3
 FAR E OFF MIYAGI PREF
 Hypo.:37°49.6'N 143° 6.7'E 44km



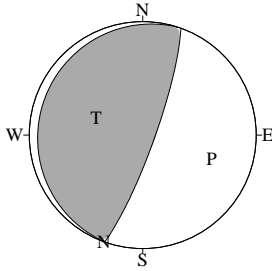
Cent.:37°55.3'N 143° 6.7'E 19km $\Delta t = 4.0$
 Mo: 6.72×10^{16} N·m Mw:5.2 Mj:5.6 (sec)
 mrr:-4.61 mtt:-0.29 mff: 4.90
 mrt: 0.32 mrf: 4.41 mtf:-1.73 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:327° 27° -118° P-axis:-6.49 112° 66°
 NP2:178° 66° -76° T-axis: 6.95 257° 20°
 N-axis:-0.46 352° 12°
 V.R.: 27% ϵ : 0.07 N:19 COMP:33

2003/11/02 22:35:29.3
 KURILE ISLANDS REGION
 Hypo.:44°42.8'N 150°28.1'E 30km



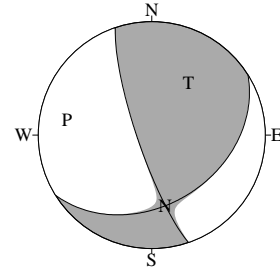
Cent.:44°42.8'N 150°28.1'E 30km $\Delta t = 10.6$
 Mo: 1.50×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr: 1.29 mtt:-0.44 mff:-0.85
 mrt: 0.18 mrf: 0.50 mtf:-0.91 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 30° 55° 80° P-axis:-1.70 128° 10°
 NP2:228° 36° 105° T-axis: 1.40 266° 77°
 N-axis: 0.30 36° 9°
 V.R.: 27% ϵ :-0.16 N:17 COMP:43

2003/11/03 16:11:35.0
 SE OFF MIYAGI PREF
 Hypo.:37°29.1'N 142°30.3'E 21km



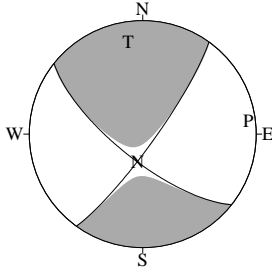
Cent.:37°32.6'N 142°29.4'E 10km $\Delta t = 5.9$
 Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.2 (sec)
 mrr: 0.36 mtt:-0.04 mff:-0.32
 mrt: 0.39 mrf: 1.09 mtf:-0.11 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 81° 90° P-axis:-1.20 109° 36°
 NP2:198° 9° 88° T-axis: 1.20 290° 54°
 N-axis: 0.00 200° 0°
 V.R.: 29% ϵ : 0.00 N:22 COMP:42

2003/11/12 17:26:42.6
 SE OFF KII PENINSULA
 Hypo.:33° 9.8'N 137° 2.0'E 395km



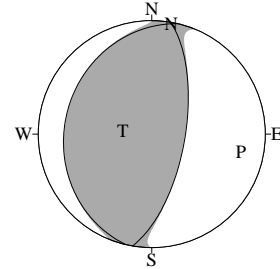
Cent.:33°17.7'N 137° 5.4'E 400km $\Delta t = 3.5$
 Mo: 4.21×10^{18} N·m Mw:6.3 Mj:6.5 (sec)
 mrr: 1.19 mtt: 1.44 mff:-2.63
 mrt: 1.40 mrf:-2.82 mtf:-1.62 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 58° 39° 163° P-axis:-4.24 280° 25°
 NP2:161° 80° 53° T-axis: 4.18 35° 43°
 N-axis: 0.06 169° 37°
 V.R.: 34% ϵ :-0.01 N:25 COMP:65

2003/11/15 02:05:24.6
 SE OFF TOKACHI
 Hypo.:42° 8.4'N 144°23.5'E 26km



Cent.:42°12.7'N 144°22.6'E 21km $\Delta t = 3.3$
 Mo: 1.84×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr: 0.12 mtt: 1.60 mff:-1.71
 mrt: 0.57 mrf: 0.29 mtf: 0.47 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 36° 81° 161° P-axis:-1.80 83° 7°
 NP2:129° 72° 9° T-axis: 1.87 351° 19°
 N-axis:-0.07 191° 70°
 V.R.: 25% ϵ : 0.04 N:12 COMP:26

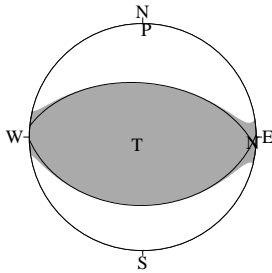
2003/11/15 03:43:51.6
 E OFF IBARAKI PREF
 Hypo.:36°25.9'N 141° 9.9'E 48km



Cent.:36°13.7'N 141°12.7'E 33km $\Delta t = 6.6$
 Mo: 3.90×10^{17} N·m Mw:5.7 Mj:5.8 (sec)
 mrr: 2.82 mtt:-0.01 mff:-2.81
 mrt: 0.40 mrf: 2.56 mtf:-0.59 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 10° 66° 89° P-axis:-3.90 101° 21°
 NP2:193° 24° 93° T-axis: 3.80 277° 69°
 N-axis: 0.10 10° 1°
 V.R.: 24% ϵ :-0.03 N:23 COMP:53

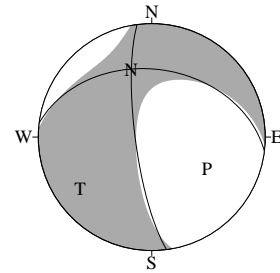
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/11/23 07:00:20.0
NEAR CHOSHI CITY
Hypo.:35°34.5'N 141° 7.6'E 39km



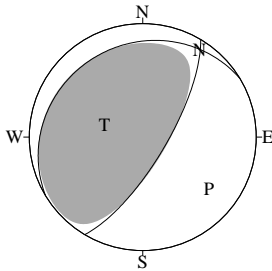
Cent.:35°43.5'N 141° 4.7'E 35km $\Delta t = 4.1$
Mo: 9.57×10^{16} N·m Mw:5.3 Mj:5.1 (sec)
mrr: 9.19 mtt:-9.54 mff: 0.35
mrt:-1.83 mrf: 0.62 mtf: 0.38 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 89° 40° 85° P-axis:-9.74 2° 6°
NP2:276° 51° 94° T-axis: 9.40 214° 83°
N-axis: 0.33 93° 3°
V.R.: 30% ϵ :-0.03 N:17 COMP:25

2003/11/24 21:18:17.6
HIDAKA MOUNTAINS REGION
Hypo.:42°19.0'N 143° 0.1'E 52km



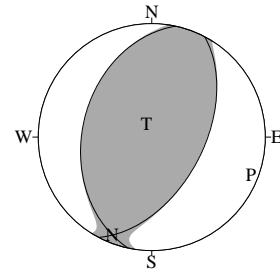
Cent.:42°16.2'N 143° 0.1'E 52km $\Delta t = 7.2$
Mo: 9.21×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr:-2.82 mtt: 2.00 mff: 0.82
mrt: 1.29 mrf: 6.99 mtf:-5.42 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:277° 40° -161° P-axis:-9.92 120° 43°
NP2:173° 78° -52° T-axis: 8.50 234° 23°
N-axis: 1.41 343° 38°
V.R.: 17% ϵ :-0.14 N:18 COMP:38

2003/12/03 23:11:15.0
SE OFF TOKACHI
Hypo.:42°23.6'N 144°48.8'E 35km



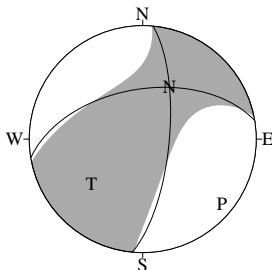
Cent.:42°20.0'N 144°48.7'E 35km $\Delta t = 6.4$
Mo: 6.70×10^{17} N·m Mw:5.8 Mj:5.6 (sec)
mrr: 3.91 mtt:-2.06 mff:-1.85
mrt: 2.49 mrf: 4.96 mtf:-1.84 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 31° 73° 81° P-axis:-6.50 128° 27°
NP2:239° 19° 117° T-axis: 7.00 288° 61°
N-axis:-0.40 33° 9°
V.R.: 20% ϵ : 0.06 N:23 COMP:57

2003/12/10 13:38:10.7
TAIWAN REGION
Hypo.:22°48.5'N 121°16.8'E 32km



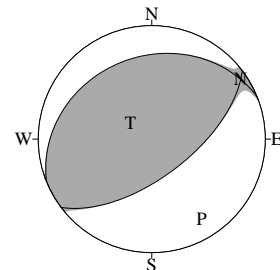
Cent.:22°48.5'N 121°16.7'E 32km $\Delta t = 11.7$
Mo: 2.39×10^{19} N·m Mw:6.9 Mj:6.6 (sec)
mrr: 2.25 mtt:-0.18 mff:-2.06
mrt: 0.49 mrf: 0.43 mtf:-0.79 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 28° 52° 100° P-axis:-2.42 111° 7°
NP2:192° 39° 78° T-axis: 2.36 338° 80°
N-axis: 0.07 202° 8°
V.R.: 37% ϵ :-0.03 N:12 COMP:36

2003/12/12 10:46:19.2
HIDAKA MOUNTAINS REGION
Hypo.:42°29.0'N 143° 1.8'E 59km



Cent.:42° 9.7'N 143° 2.2'E 59km $\Delta t = 2.7$
Mo: 3.42×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
mrr: 1.57 mtt:-0.44 mff:-1.13
mrt:-0.19 mrf: 1.49 mtf:-2.82 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 5° 71° 39° P-axis:-3.82 129° 11°
NP2:261° 54° 156° T-axis: 3.03 229° 40°
N-axis: 0.79 27° 47°
V.R.: 17% ϵ :-0.21 N:17 COMP:33

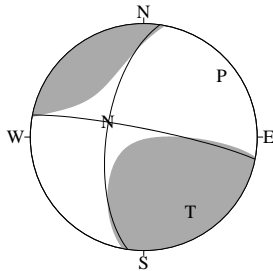
2003/12/22 17:47: 7.8
SE OFF TOKACHI
Hypo.:42°20.0'N 144°41.5'E 34km



Cent.:42°14.3'N 144°40.9'E 27km $\Delta t = 5.0$
Mo: 3.70×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
mrr: 2.96 mtt:-2.29 mff:-0.67
mrt: 1.59 mrf: 1.45 mtf:-1.36 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 53° 63° 83° P-axis:-3.70 148° 18°
NP2:248° 28° 103° T-axis: 3.70 307° 71°
N-axis: 0.10 56° 6°
V.R.: 32% ϵ :-0.01 N:21 COMP:51

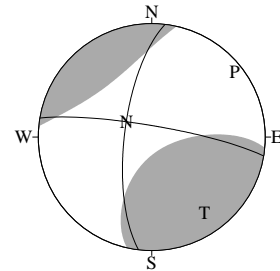
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2003/12/24 08:01:10.1
 NW OFF OKINAWAJIMA IS
 Hypo.: 26°26.7'N 125°51.3'E 2km



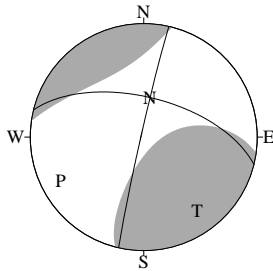
Cent.: 26°17.4'N 125°52.6'E 10km Δt=12.0
 Mo: 1.10x10¹⁷N·m Mw:5.3 Mj:5.6 (sec)
 mrr:-0.03 mtt: 0.37 mff:-0.34
 mrt:-0.56 mrf:-0.12 mtf: 0.92 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:281° 84° 27° P-axis:-1.00 52° 14°
 NP2:188° 63° 173° T-axis: 1.20 148° 23°
 N-axis:-0.20 293° 62°
 V.R.: 36% ε: 0.16 N:18 COMP:38

2003/12/24 08:15:21.0
 NW OFF OKINAWAJIMA IS
 Hypo.: 26°30.4'N 125°51.0'E 0km



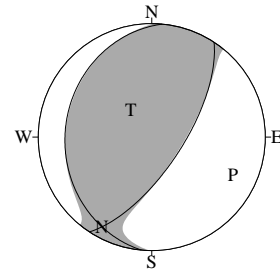
Cent.: 26°17.5'N 125°50.6'E 10km Δt=11.7
 Mo: 4.40x10¹⁷N·m Mw:5.7 Mj:6.0 (sec)
 mrr:-0.99 mtt: 1.72 mff:-0.73
 mrt:-1.96 mrf:-1.10 mtf: 3.75 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:187° 70° 171° P-axis:-3.50 52° 8°
 NP2:280° 82° 20° T-axis: 5.20 145° 20°
 N-axis:-1.80 301° 69°
 V.R.: 42% ε: 0.33 N:19 COMP:41

2003/12/24 08:54:44.3
 NW OFF OKINAWAJIMA IS
 Hypo.: 26°25.2'N 125°52.8'E 14km



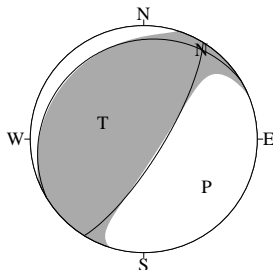
Cent.: 26°16.8'N 125°54.1'E 10km Δt= 9.0
 Mo: 7.74x10¹⁶N·m Mw:5.2 Mj:5.5 (sec)
 mrr:-1.50 mtt: 3.34 mff:-1.84
 mrt:-2.76 mrf:-3.31 mtf: 6.21 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:193° 88° 151° P-axis:-6.38 242° 18°
 NP2:284° 61° 2° T-axis: 9.10 144° 21°
 N-axis:-2.72 9° 61°
 V.R.: 30% ε: 0.30 N:18 COMP:38

2003/12/28 13:45:46.9
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.: 29°57.0'N 131°26.6'E 36km



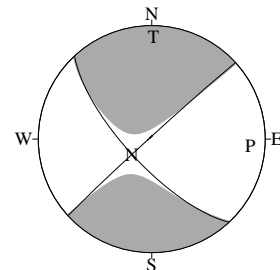
Cent.: 29°45.1'N 131°27.6'E 10km Δt= 2.1
 Mo: 8.68x10¹⁶N·m Mw:5.2 Mj:5.1 (sec)
 mrr: 5.71 mtt:-0.08 mff:-5.64
 mrt: 3.79 mrf: 4.83 mtf:-2.35 (x10¹⁶N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 33° 68° 101° P-axis:-8.89 115° 22°
 NP2:185° 25° 64° T-axis: 8.46 323° 65°
 N-axis: 0.43 209° 10°
 V.R.: 40% ε:-0.05 N:11 COMP:23

2003/12/29 10:30:55.4
 SE OFF TOKACHI
 Hypo.: 42°25.1'N 144°45.3'E 39km



Cent.: 42°23.2'N 144°45.6'E 26km Δt= 5.0
 Mo: 1.77x10¹⁸N·m Mw:6.1 Mj:6.0 (sec)
 mrr: 0.73 mtt:-0.32 mff:-0.41
 mrt: 0.80 mrf: 1.34 mtf:-0.57 (x10¹⁸N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 32° 76° 83° P-axis:-1.85 127° 31°
 NP2:239° 15° 117° T-axis: 1.69 292° 58°
 N-axis: 0.17 33° 7°
 V.R.: 35% ε:-0.09 N:10 COMP:28

2003/12/30 16:35:57.1
 E OFF HOKKAIDO
 Hypo.: 43° 1.6'N 146°57.8'E 51km



Cent.: 42°57.4'N 146°57.4'E 39km Δt= 7.7
 Mo: 1.60x10¹⁷N·m Mw:5.4 Mj:5.5 (sec)
 mrr:-0.12 mtt: 1.61 mff:-1.49
 mrt: 0.37 mrf: 0.33 mtf:-0.12 (x10¹⁷N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:228° 88°-162° P-axis:-1.60 94° 14°
 NP2:137° 72° -2° T-axis: 1.70 1° 11°
 N-axis:-0.10 232° 72°
 V.R.: 33% ε: 0.07 N:15 COMP:39

EQUAL AREA PROJECTON, LOWER HEMISPHERE.