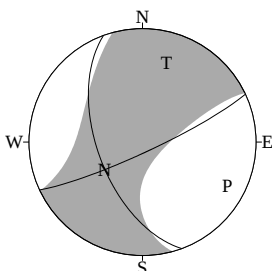


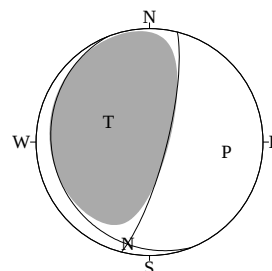
CMT SOLUTIONS FOR EARTHQUAKES IN 2001

2001/01/03 23:47:52.9
E OFF HOKKAIDO
Hypo.:43°38.2'N 147°44.2'E 25km



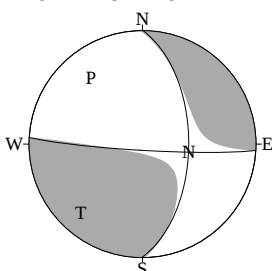
Cent.:42°59.2'N 147°46.1'E 63km $\Delta t=13.2$
Mo: 6.60×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr: 2.03 mtt: 2.75 mff:-4.78
mrt: 2.62 mrf: 1.97 mtf:-4.35 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 65° 83° 147° P-axis: -7.60 117° 17°
NP2: 160° 57° 9° T-axis: 5.60 17° 28°
N-axis: 2.10 234° 56°
V.R.: 31% ϵ : -0.27 N:5 COMP:15

2001/01/04 13:18:21.5
MID NIIGATA PREF
Hypo.:36°57.3'N 138°46.1'E 11km



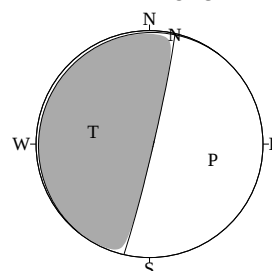
Cent.:36°57.9'N 138°46.0'E 15km $\Delta t=1.2$
Mo: 2.60×10^{17} N·m Mw:5.5 Mj:5.3 (sec)
mrr: 1.19 mtt:-0.09 mff:-1.10
mrt: 0.71 mrf: 2.23 mtf: 0.16 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 14° 78° 99° P-axis: -2.50 97° 32°
NP2: 158° 15° 55° T-axis: 2.70 296° 57°
N-axis: -0.20 192° 9°
V.R.: 36% ϵ : 0.08 N:5 COMP:15

2001/01/12 08:00: 4.2
NORTHERN HYOGO PREF
Hypo.:35°27.9'N 134°29.4'E 11km



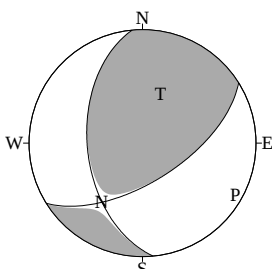
Cent.:35°17.6'N 134°29.2'E 10km $\Delta t=3.4$
Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.6 (sec)
mrr: -0.16 mtt: 0.04 mff: 0.12
mrt: -0.65 mrf: 0.03 mtf: -1.01 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 93° 85° -146° P-axis: -1.20 322° 27°
NP2: 0° 56° -5° T-axis: 1.30 222° 20°
N-axis: -0.10 100° 56°
V.R.: 21% ϵ : 0.08 N:15 COMP:29

2001/02/25 06:53:50.8
E OFF FUKUSHIMA PREF
Hypo.:37°11.4'N 142°15.3'E 16km



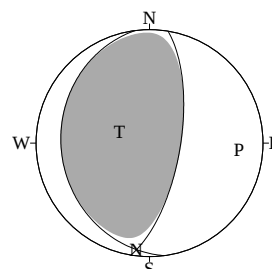
Cent.:36°56.1'N 142°20.6'E 14km $\Delta t=2.7$
Mo: 1.61×10^{18} N·m Mw:6.1 Mj:5.9 (sec)
mrr: 0.17 mtt:-0.04 mff:-0.12
mrt: 0.36 mrf: 1.56 mtf: -0.06 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 13° 87° 89° P-axis: -1.60 104° 42°
NP2: 220° 3° 116° T-axis: 1.62 282° 48°
N-axis: -0.02 13° 1°
V.R.: 26% ϵ : 0.01 N:7 COMP:19

2001/02/26 14:58:21.2
SOUTHERN SEA OF OKHOTSK
Hypo.:46°31.6'N 144°44.5'E 416km



Cent.:46°37.5'N 144°43.8'E 402km $\Delta t=3.0$
Mo: 1.69×10^{18} N·m Mw:6.1 Mj:6.0 (sec)
mrr: 1.02 mtt: 0.17 mff: -1.20
mrt: 0.89 mrf: -0.10 mtf: -0.89 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 58° 62° 133° P-axis: -1.68 119° 7°
NP2: 175° 50° 38° T-axis: 1.70 20° 52°
N-axis: -0.02 215° 37°
V.R.: 60% ϵ : 0.01 N:5 COMP:15

2001/02/26 15:08:30.8
E OFF FUKUSHIMA PREF
Hypo.:37° 9.2'N 142°16.1'E 27km

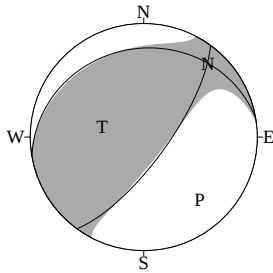


Cent.:37° 8.8'N 142°12.8'E 32km $\Delta t=9.3$
Mo: 1.50×10^{17} N·m Mw:5.4 Mj:5.5 (sec)
mrr: 1.09 mtt:-0.03 mff: -1.06
mrt: 0.25 mrf: 1.06 mtf: -0.01 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 9° 68° 97° P-axis: -1.50 94° 22°
NP2: 173° 23° 74° T-axis: 1.60 291° 67°
N-axis: -0.10 187° 6°
V.R.: 21% ϵ : 0.04 N:6 COMP:12

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

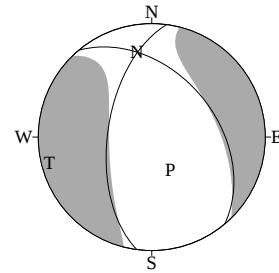
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP: Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2001/03/23 20:30:10.4
SE OFF ETOROFU
Hypo.:43°49.0'N 147°56.5'E 0km



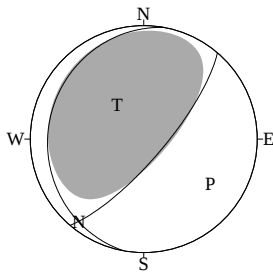
Cent.:43°45.2'N 147°55.9'E 10km $\Delta t=12.6$
Mo: 1.56×10^{18} N·m Mw:6.1 Mj:6.0 (sec)
mrr: 0.77 mtt:-0.62 mff:-0.14
mrt: 0.68 mrf: 1.04 mtf:-0.63 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 36° 73° 74° P-axis:-1.63 138° 27°
NP2:260° 23° 132° T-axis: 1.48 284° 59°
N-axis: 0.15 41° 15°
V.R.: 28% ϵ : -0.09 N:9 COMP:27

2001/03/24 15:27:54.5
AKINADA SETONAIKAI
Hypo.:34° 7.9'N 132°41.6'E 46km



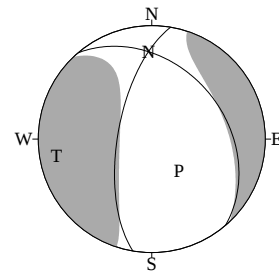
Cent.:34° 7.2'N 132°40.8'E 41km $\Delta t=11.9$
Mo: 2.19×10^{19} N·m Mw:6.8 Mj:6.7 (sec)
mrr:-1.60 mtt:-0.53 mff: 2.13
mrt: 0.43 mrf: 0.70 mtf:-0.77 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:320° 43°-129° P-axis:-1.97 150° 63°
NP2:188° 58° -60° T-axis: 2.42 256° 8°
N-axis:-0.46 350° 25°
V.R.: 52% ϵ : 0.19 N:8 COMP:24

2001/03/25 06:24:24.9
FAR E OFF MIYAGI PREF
Hypo.:38°17.9'N 143°44.4'E 6km



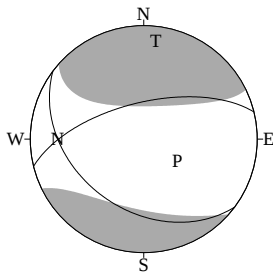
Cent.:38°19.9'N 143°46.5'E 10km $\Delta t= 4.6$
Mo: 9.02×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 4.84 mtt:-1.03 mff:-3.81
mrt: 5.50 mrf: 5.59 mtf:-1.14 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 40° 76° 98° P-axis:-8.47 124° 30°
NP2:190° 17° 61° T-axis: 9.58 322° 59°
N-axis:-1.11 218° 8°
V.R.: 34% ϵ : 0.12 N:12 COMP:36

2001/03/26 05:40:53.4
AKINADA SETONAIKAI
Hypo.:34° 7.0'N 132°42.5'E 46km



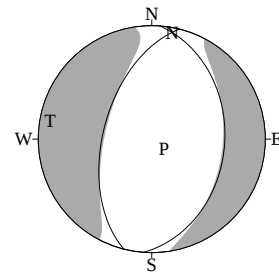
Cent.:34° 3.6'N 132°41.3'E 42km $\Delta t= 6.2$
Mo: 6.52×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr:-4.05 mtt:-1.84 mff: 5.89
mrt: 1.02 mrf: 3.52 mtf:-1.84 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:319° 36°-134° P-axis:-5.79 139° 60°
NP2:190° 65° -64° T-axis: 7.25 260° 16°
N-axis:-1.46 358° 24°
V.R.: 21% ϵ : 0.20 N:12 COMP:22

2001/04/03 04:54:19.1
E OFF AOMORI PREF
Hypo.:40°36.7'N 141°55.2'E 63km



Cent.:40°43.2'N 141°53.3'E 61km $\Delta t= 2.2$
Mo: 2.10×10^{17} N·m Mw:5.5 Mj:5.6 (sec)
mrr:-1.29 mtt: 2.24 mff:-0.96
mrt: 0.99 mrf: 0.21 mtf:-0.45 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:127° 38° -46° P-axis:-1.70 123° 61°
NP2:256° 64°-119° T-axis: 2.50 7° 14°
N-axis:-0.90 270° 25°
V.R.: 38% ϵ : 0.34 N:11 COMP:19

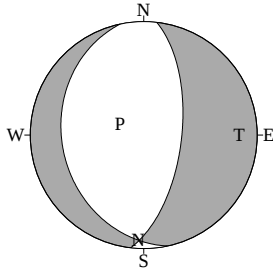
2001/04/03 23:57:12.4
CENTRAL SHIZUOKA PREF
Hypo.:35° 1.4'N 138° 5.6'E 30km



Cent.:34°52.5'N 138° 6.0'E 35km $\Delta t=-0.5$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr:-0.99 mtt:-0.09 mff: 1.09
mrt: 0.14 mrf: 0.34 mtf: 0.20 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 4° 36° -98° P-axis:-1.10 128° 79°
NP2:194° 55° -84° T-axis: 1.20 280° 10°
N-axis:-0.10 11° 5°
V.R.: 32% ϵ : 0.10 N:8 COMP:12

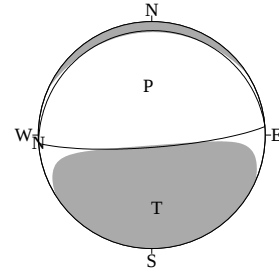
EQUAL AREA PROJECTION, LOWER HEMISPHERE.

2001/04/15 08:27:22.2
NEAR TORISHIMA IS
Hypo.:30°14.8'N 142°29.7'E 0km



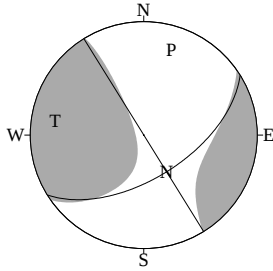
Cent.:30°18.0'N 142°24.7'E 14km $\Delta t=10.7$
Mo: $2.00 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.1 Mj:6.6 (sec)
mrr:-1.62 mtt:-0.04 mff: 1.65
mrt:-0.27 mrf:-1.12 mtf:-0.08 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 7° 63° -81° P-axis:-2.00 296° 71°
NP2:168° 29° -106° T-axis: 2.00 90° 17°
N-axis: 0.00 183° 8°
V.R.: 34% ϵ : 0.00 N:9 COMP:19

2001/04/23 22:55:28.6
SE OFF KII PENINSULA
Hypo.:33° 1.9'N 136°45.6'E 427km



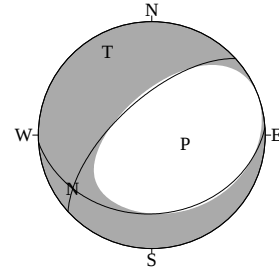
Cent.:33° 0.4'N 136°44.4'E 436km $\Delta t= 0.0$
Mo: $7.89 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.1 (sec)
mrr:-1.99 mtt: 2.78 mff:-0.79
mrt:-7.50 mrf:-0.56 mtf: 0.27 ($\times 10^{16} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 86° 81° -90° P-axis:-7.49 356° 54°
NP2:265° 9° -90° T-axis: 8.30 176° 36°
N-axis:-0.81 266° 0°
V.R.: 48% ϵ : 0.10 N:6 COMP:18

2001/04/25 23:40: 8.3
HYUGANADA REGION
Hypo.:32°47.9'N 132°20.3'E 39km



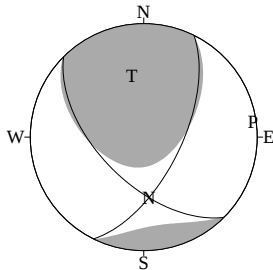
Cent.:32°41.0'N 132°20.3'E 34km $\Delta t= 7.9$
Mo: $5.70 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.8 Mj:5.8 (sec)
mrr:-0.63 mtt:-4.14 mff: 4.76
mrt:-0.96 mrf: 2.88 mtf: 1.96 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 58° 59° 0° P-axis:-5.20 18° 22°
NP2:328° 90° 148° T-axis: 6.20 279° 22°
N-axis:-1.10 148° 59°
V.R.: 47% ϵ : 0.17 N:11 COMP:17

2001/04/27 02:48:58.1
OFF NEMURO PENINSULA
Hypo.:43° 1.6'N 145°52.5'E 80km



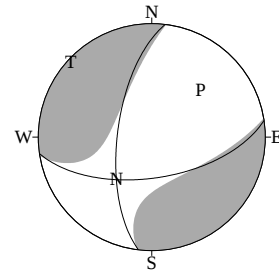
Cent.:43°19.0'N 145°53.2'E 67km $\Delta t= 3.8$
Mo: $1.19 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.0 Mj:5.9 (sec)
mrr:-0.93 mtt: 0.81 mff: 0.12
mrt: 0.38 mrf: 0.66 mtf: 0.30 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 86° 31° -56° P-axis:-1.27 105° 65°
NP2:228° 65° -109° T-axis: 1.11 332° 18°
N-axis: 0.16 236° 17°
V.R.: 50% ϵ :-0.13 N:13 COMP:23

2001/06/13 22:17:56.9
NW OFF ISHIGAKIJIMA IS
Hypo.:24°32.0'N 122°27.8'E 73km



Cent.:24°32.4'N 122°28.1'E 72km $\Delta t=14.8$
Mo: $3.20 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.6 Mj:5.7 (sec)
mrr: 1.38 mtt: 1.35 mff:-2.73
mrt: 2.01 mrf: 0.54 mtf: 0.73 ($\times 10^{17} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 26° 63° 143° P-axis:-2.90 82° 3°
NP2:135° 58° 33° T-axis: 3.50 349° 44°
N-axis:-0.60 175° 45°
V.R.: 26% ϵ : 0.18 N:13 COMP:29

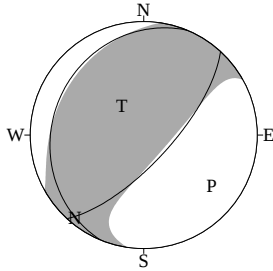
2001/06/14 11:35:25.2
TAIWAN REGION
Hypo.:24°43.9'N 121°52.2'E 33km



Cent.:24°13.8'N 121°56.1'E 35km $\Delta t= 6.2$
Mo: $1.18 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.0 Mj:6.4 (sec)
mrr:-0.57 mtt: 0.25 mff: 0.33
mrt:-0.23 mrf: 0.35 mtf: 1.00 ($\times 10^{18} \text{N}\cdot\text{m}$)
STR DIP SLIP MOM AZM PLG
NP1: 82° 61° -29° P-axis:-1.06 46° 40°
NP2:187° 65° -147° T-axis: 1.30 313° 3°
N-axis:-0.23 220° 50°
V.R.: 27% ϵ : 0.18 N:6 COMP:14

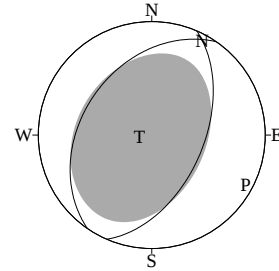
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2001/06/24 22:18:50.6
SE OFF ETOROFU
Hypo.:44°27.4'N 148°41.3'E 30km



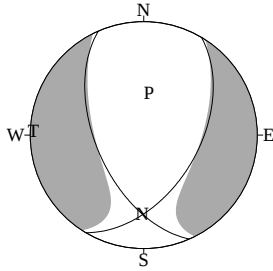
Cent.:44°22.6'N 148°41.9'E 30km $\Delta t = 9.2$
Mo: 1.72×10^{18} N·m Mw:6.1 Mj:6.0 (sec)
mrr: 0.93 mtt:-0.19 mff:-0.73
mrt: 0.92 mrf: 0.97 mtf:-0.71 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 42° 71° 97° P-axis:-1.85 127° 26°
NP2:203° 20° 71° T-axis: 1.58 323° 64°
N-axis: 0.27 220° 6°
V.R.: 27% ϵ : -0.15 N:15 COMP:37

2001/07/03 22:10:45.8
MARIANA ISLANDS REGION
Hypo.:21°42.5'N 143° 9.4'E 337km



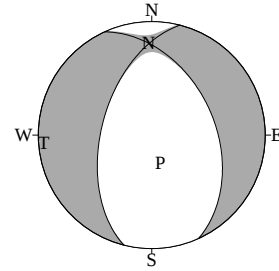
Cent.:21°17.2'N 143°51.6'E 326km $\Delta t = -2.2$
Mo: 5.51×10^{18} N·m Mw:6.4 Mj:6.7 (sec)
mrr: 5.79 mtt:-1.90 mff:-3.89
mrt: 0.04 mrf: 1.50 mtf:-1.66 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 23° 52° 83° P-axis:-5.00 118° 7°
NP2:215° 38° 99° T-axis: 6.03 260° 81°
N-axis:-1.03 28° 6°
V.R.: 64% ϵ : 0.17 N:14 COMP:38

2001/07/04 19:23:30.6
NEAR HACHIJOJIMA ISLAND
Hypo.:32° 7.5'N 139°49.3'E 27km



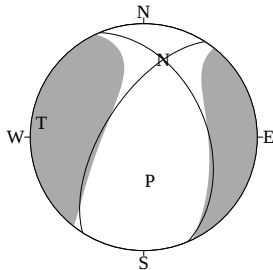
Cent.:32° 3.2'N 139°30.0'E 10km $\Delta t = 5.4$
Mo: 8.17×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
mrr:-5.86 mtt:-2.85 mff: 8.72
mrt:-2.72 mrf: 0.88 mtf: 0.64 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 31° 50° -48° P-axis:-7.54 7° 59°
NP2:156° 55° -128° T-axis: 8.79 272° 3°
N-axis:-1.25 181° 31°
V.R.: 19% ϵ : 0.14 N:11 COMP:17

2001/07/05 02:47:40.2
NEAR HACHIJOJIMA ISLAND
Hypo.:32° 1.8'N 139°44.5'E 17km



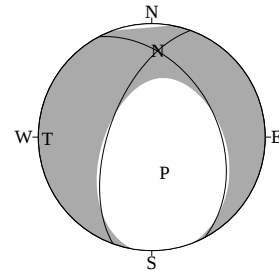
Cent.:32°17.0'N 139°44.4'E 10km $\Delta t = 10.8$
Mo: 8.90×10^{17} N·m Mw:5.9 Mj:5.8 (sec)
mrr:-7.74 mtt:-0.89 mff: 8.64
mrt: 2.88 mrf: 1.66 mtf:-0.86 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:336° 44° -120° P-axis:-9.00 163° 69°
NP2:194° 53° -64° T-axis: 8.80 266° 5°
N-axis: 0.10 358° 20°
V.R.: 41% ϵ : -0.02 N:20 COMP:52

2001/07/05 10:41:14.7
NEAR HACHIJOJIMA ISLAND
Hypo.:32° 4.3'N 139°49.5'E 26km



Cent.:32°13.1'N 139°45.4'E 13km $\Delta t = 6.6$
Mo: 4.10×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr:-2.72 mtt:-1.61 mff: 4.33
mrt: 1.31 mrf: 1.10 mtf: 0.69 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:337° 44° -136° P-axis:-3.60 172° 58°
NP2:213° 61° -55° T-axis: 4.60 278° 10°
N-axis:-1.00 14° 30°
V.R.: 29% ϵ : 0.22 N:18 COMP:38

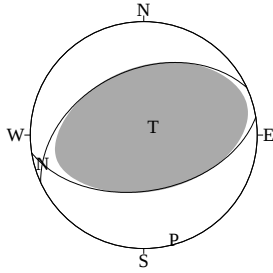
2001/07/05 12:47:27.1
NEAR HACHIJOJIMA ISLAND
Hypo.:32° 5.6'N 139°54.3'E 21km



Cent.:32°31.8'N 139°42.7'E 10km $\Delta t = 11.3$
Mo: 3.30×10^{17} N·m Mw:5.6 Mj:5.9 (sec)
mrr:-2.64 mtt:-0.19 mff: 2.83
mrt: 1.56 mrf: 0.96 mtf:-0.30 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:332° 42° -129° P-axis:-3.60 160° 63°
NP2:200° 59° -60° T-axis: 3.00 269° 9°
N-axis: 0.60 4° 25°
V.R.: 24% ϵ : -0.16 N:19 COMP:37

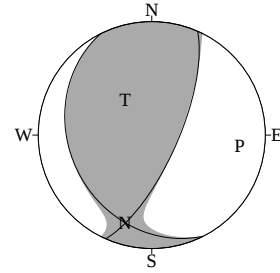
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2001/08/04 20:42:57.2
E OFF FUKUSHIMA PREF
Hypo.:37°20.5'N 141°48.3'E 38km



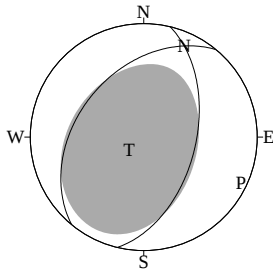
Cent.:37°15.1'N 141°50.0'E 35km $\Delta t = 0.8$
Mo: 2.96×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 2.96 mtt:-2.61 mff:-0.35
mrt: 0.48 mrf:-0.31 mtf:-0.76 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 81° 49° 100° P-axis:-2.87 164° 4°
NP2:246° 42° 78° T-axis: 3.05 49° 81°
N-axis:-0.18 254° 8°
V.R.: 38% ϵ : 0.06 N:13 COMP:23

2001/08/14 05:11:24.9
E OFF AOMORI PREF
Hypo.:40°59.7'N 142°26.1'E 38km



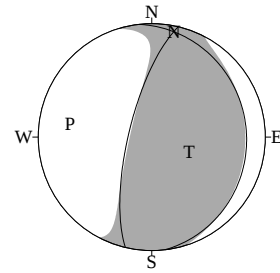
Cent.:41°20.9'N 142°25.9'E 36km $\Delta t = 6.8$
Mo: 3.94×10^{18} N·m Mw:6.3 Mj:6.4 (sec)
mrr: 2.18 mtt: 0.77 mff:-2.94
mrt: 1.52 mrf: 2.50 mtf: 0.03 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 24° 71° 111° P-axis:-4.03 97° 23°
NP2:153° 28° 43° T-axis: 3.86 323° 58°
N-axis: 0.17 197° 20°
V.R.: 24% ϵ :-0.04 N:15 COMP:43

2001/08/24 18:48:1.7
E OFF AOMORI PREF
Hypo.:41°1.0'N 142°22.8'E 41km



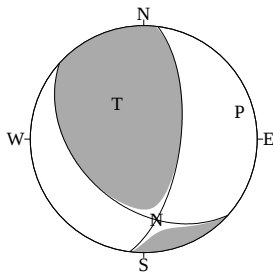
Cent.:40°49.8'N 142°22.5'E 49km $\Delta t = -2.3$
Mo: 6.14×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
mrr: 6.19 mtt:-1.73 mff:-4.46
mrt:-1.08 mrf: 1.80 mtf:-1.93 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 13° 52° 73° P-axis:-5.57 115° 6°
NP2:219° 41° 110° T-axis: 6.72 228° 76°
N-axis:-1.15 24° 13°
V.R.: 22% ϵ : 0.17 N:7 COMP:13

2001/08/25 22:21:25.1
MID KYOTO PREF
Hypo.:35°9.1'N 135°39.6'E 8km



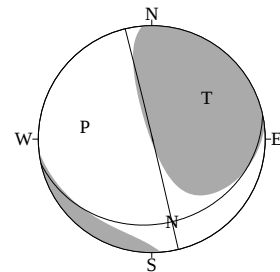
Cent.:35°2.1'N 135°38.4'E 10km $\Delta t = 1.3$
Mo: 3.58×10^{16} N·m Mw:5.0 Mj:5.4 (sec)
mrr: 1.80 mtt: 0.36 mff:-2.15
mrt:-0.75 mrf:-2.88 mtf:-0.22 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:353° 18° 71° P-axis:-3.74 279° 28°
NP2:194° 73° 96° T-axis: 3.42 112° 61°
N-axis: 0.32 12° 6°
V.R.: 22% ϵ :-0.09 N:15 COMP:35

2001/09/01 22:08:11.6
SOUTH SAKHALIN
Hypo.:47°25.6'N 142°46.0'E 35km



Cent.:47°29.3'N 142°46.0'E 10km $\Delta t = 3.5$
Mo: 1.00×10^{17} N·m Mw:5.3 Mj:5.5 (sec)
mrr: 0.70 mtt: 0.09 mff:-0.79
mrt: 0.33 mrf: 0.49 mtf: 0.39 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 7° 64° 123° P-axis:-1.00 74° 13°
NP2:132° 41° 43° T-axis: 1.00 323° 58°
N-axis: 0.00 171° 29°
V.R.: 41% ϵ : 0.03 N:7 COMP:21

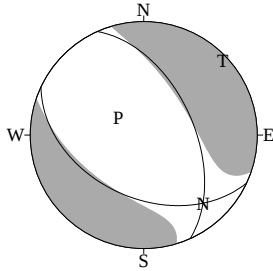
2001/09/11 05:53:33.8
EASTERN SEA OF JAPAN
Hypo.:44°31.0'N 138°35.4'E 300km



Cent.:44°40.2'N 138°48.8'E 304km $\Delta t = 1.3$
Mo: 7.73×10^{16} N·m Mw:5.2 Mj:5.1 (sec)
mrr: 0.19 mtt: 0.57 mff:-0.76
mrt: 2.47 mrf:-6.55 mtf:-3.47 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 78° 26°-179° P-axis:-6.97 280° 40°
NP2:346° 89° -64° T-axis: 8.49 53° 39°
N-axis:-1.52 166° 26°
V.R.: 44% ϵ : 0.18 N:6 COMP:8

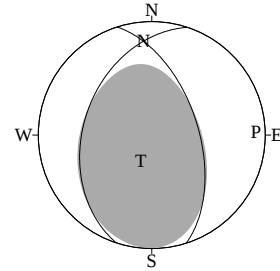
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2001/09/13 07:23:48.4
NEAR CHICHIJIMA ISLAND
Hypo.:27°46.9'N 141°46.2'E 41km



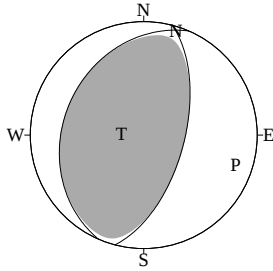
Cent.:28° 1.7'N 142°27.6'E 52km $\Delta t = 5.5$
Mo: 4.10×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr:-3.30 mtt: 1.54 mff: 1.75
mrt:-0.27 mrf:-1.21 mtf:-2.82 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:336° 54° -63° P-axis:-3.80 304° 68°
NP2:115° 44° -122° T-axis: 4.50 47° 5°
N-axis:-0.80 139° 21°
V.R.: 39% ϵ : 0.17 N:16 COMP:40

2001/10/02 10:01:27.9
FAR E OFF CENTRAL HONSHU
Hypo.:34°28.9'N 142° 0.1'E 29km



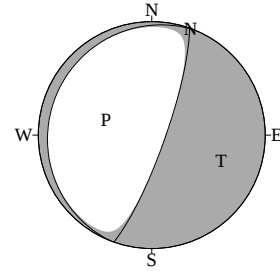
Cent.:34°45.9'N 141°55.0'E 25km $\Delta t = 7.6$
Mo: 6.86×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
mrr: 6.17 mtt:-0.03 mff:-6.15
mrt:-2.48 mrf: 1.87 mtf:-0.14 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:342° 56° 68° P-axis:-6.43 88° 9°
NP2:198° 40° 119° T-axis: 7.29 203° 70°
N-axis:-0.86 355° 18°
V.R.: 19% ϵ : 0.12 N:9 COMP:15

2001/10/02 17:19:50.2
E OFF FUKUSHIMA PREF
Hypo.:37°43.7'N 141°48.8'E 41km



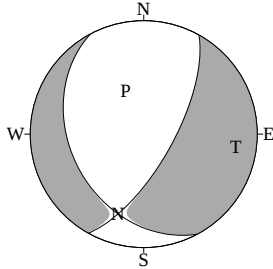
Cent.:37°29.6'N 141°49.1'E 46km $\Delta t = 10.5$
Mo: 2.10×10^{17} N·m Mw:5.5 Mj:5.5 (sec)
mrr: 1.78 mtt:-0.22 mff:-1.56
mrt: 0.19 mrf: 1.05 mtf:-0.53 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 15° 61° 86° P-axis:-2.00 108° 16°
NP2:203° 30° 98° T-axis: 2.10 274° 74°
N-axis: 0.00 17° 4°
V.R.: 18% ϵ : 0.02 N:19 COMP:41

2001/10/04 02:25:13.3
KURILE ISLANDS REGION
Hypo.:46°17.0'N 149° 7.6'E 324km



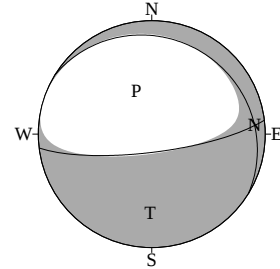
Cent.:46°38.4'N 149° 4.5'E 312km $\Delta t = 5.0$
Mo: 9.10×10^{17} N·m Mw:5.9 Mj:5.9 (sec)
mrr:-3.11 mtt: 0.56 mff: 2.55
mrt:-2.84 mrf:-8.08 mtf: 0.88 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 19° 80° -90° P-axis:-9.20 289° 55°
NP2:202° 10° -88° T-axis: 9.00 110° 35°
N-axis: 0.20 20° 0°
V.R.: 43% ϵ :-0.02 N:13 COMP:33

2001/10/31 06:04:25.8
NW OFF AMAMI-OSHIMA IS
Hypo.:28°31.4'N 128°19.4'E 122km



Cent.:28°38.9'N 128°20.8'E 115km $\Delta t = 4.2$
Mo: 2.10×10^{17} N·m Mw:5.5 Mj:5.3 (sec)
mrr:-1.25 mtt:-0.54 mff: 1.79
mrt:-0.99 mrf:-1.03 mtf: 0.03 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 29° 69° -61° P-axis:-2.10 337° 56°
NP2:152° 35° -142° T-axis: 2.20 98° 19°
N-axis: 0.00 198° 27°
V.R.: 26% ϵ : 0.01 N:8 COMP:22

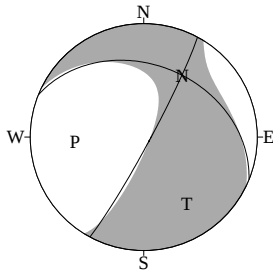
2001/11/04 08:34:32.9
NW OFF SHAKOTAN PEN
Hypo.:43°44.3'N 139°42.8'E 224km



Cent.:43°37.7'N 139°44.6'E 243km $\Delta t = 3.5$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr:-0.53 mtt: 0.49 mff: 0.04
mrt:-0.99 mrf:-0.19 mtf:-0.14 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 83° 77° -100° P-axis:-1.20 340° 57°
NP2:302° 16° -52° T-axis: 1.10 181° 31°
N-axis: 0.10 85° 10°
V.R.: 53% ϵ :-0.08 N:9 COMP:15

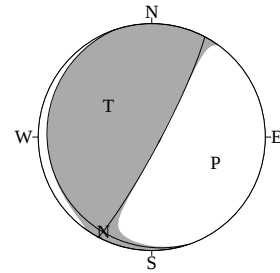
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2001/11/12 03:12:46.6
FAR S OFF SHIZUOKA PREF
Hypo.:33°22.2'N 137°33.1'E 382km



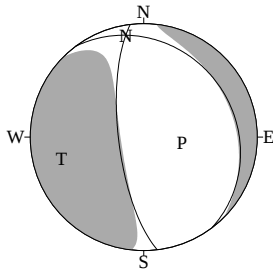
Cent.:33°24.2'N 137°33.3'E 399km $\Delta t = -2.8$
Mo: 1.00×10^{17} N·m Mw:5.3 Mj:5.5 (sec)
mrr:-0.13 mtt: 0.56 mff:-0.43
mrt:-0.25 mrf:-0.79 mtf: 0.32 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 28° 85° -126° P-axis:-1.10 266° 39°
NP2:292° 36° -8° T-axis: 0.90 147° 31°
N-axis: 0.20 32° 36°
V.R.: 45% ϵ :-0.14 N:11 COMP:25

2001/11/26 21:10: 7.1
FAR E OFF SANRIKU
Hypo.:39° 7.2'N 143°26.9'E 24km



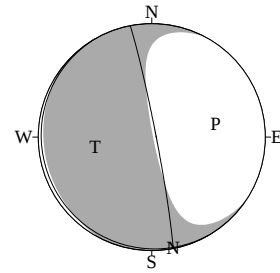
Cent.:38°53.8'N 143°32.2'E 10km $\Delta t = 6.4$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
mrr: 0.21 mtt: 0.08 mff:-0.29
mrt: 0.50 mrf: 0.93 mtf:-0.05 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 28° 84° 97° P-axis:-1.10 112° 39°
NP2:160° 9° 42° T-axis: 1.10 306° 51°
N-axis: 0.00 207° 7°
V.R.: 18% ϵ :-0.04 N:12 COMP:20

2001/12/02 22:01:55.2
SOUTHERN IWATE PREF
Hypo.:39°23.9'N 141°15.7'E 122km



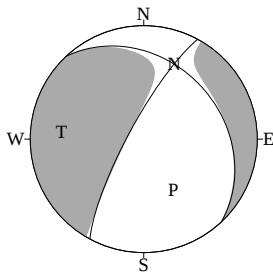
Cent.:39° 6.7'N 141°16.8'E 113km $\Delta t = 6.4$
Mo: 3.76×10^{18} N·m Mw:6.3 Mj:6.4 (sec)
mrr:-1.98 mtt:-0.24 mff: 2.22
mrt:-0.26 mrf: 2.97 mtf:-0.99 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:323° 21° -119° P-axis:-3.53 99° 62°
NP2:173° 72° -80° T-axis: 3.99 255° 26°
N-axis:-0.46 350° 10°
V.R.: 27% ϵ : 0.12 N:17 COMP:49

2001/12/09 05:29:34.5
NEAR AMAMI-OSHIMA ISLAND
Hypo.:28°14.9'N 129°29.3'E 36km



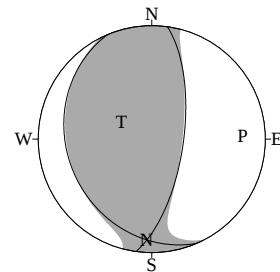
Cent.:28°13.5'N 129°30.5'E 20km $\Delta t = 10.7$
Mo: 3.80×10^{18} N·m Mw:6.3 Mj:6.0 (sec)
mrr: 0.12 mtt: 0.52 mff:-0.64
mrt:-0.73 mrf: 3.71 mtf: 0.31 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:349° 87° 91° P-axis:-4.10 78° 42°
NP2:151° 3° 72° T-axis: 3.51 260° 48°
N-axis: 0.59 169° 1°
V.R.: 32% ϵ :-0.14 N:18 COMP:46

2001/12/18 13:02:59.3
NEAR ISHIGAKIJIMA ISLAND
Hypo.:23°53.6'N 122°48.9'E 8km



Cent.:23°50.7'N 122°55.7'E 18km $\Delta t = 13.7$
Mo: 5.53×10^{19} N·m Mw:7.1 Mj:7.3 (sec)
mrr:-1.77 mtt:-2.02 mff: 3.79
mrt: 2.38 mrf: 3.72 mtf:-0.60 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:208° 79° -60° P-axis:-5.36 150° 47°
NP2:317° 32° -159° T-axis: 5.69 275° 28°
N-axis:-0.34 22° 29°
V.R.: 39% ϵ : 0.06 N:8 COMP:24

2001/12/23 19:21:31.0
NEAR CHICHIJIMA ISLAND
Hypo.:27°47.0'N 142° 5.5'E 46km



Cent.:28°47.6'N 142° 4.6'E 32km $\Delta t = 21.9$
Mo: 8.40×10^{17} N·m Mw:5.9 Mj:6.1 (sec)
mrr: 5.63 mtt: 0.91 mff:-6.54
mrt: 1.35 mrf: 5.61 mtf: 0.85 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 8° 67° 103° P-axis:-8.70 88° 21°
NP2:157° 26° 62° T-axis: 8.20 300° 65°
N-axis: 0.60 183° 12°
V.R.: 26% ϵ :-0.07 N:18 COMP:50

EQUAL AREA PROJECTON, LOWER HEMISPHERE.