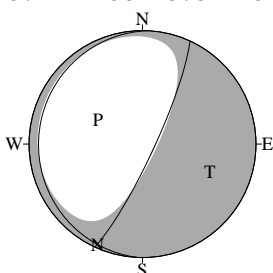


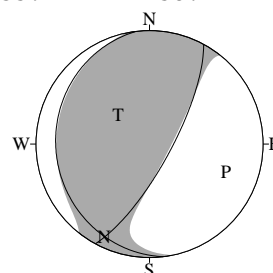
CMT SOLUTIONS FOR EARTHQUAKES IN 2009

2009/01/02 16:42:49.3
 FAR S OFF TOKAI DISTRICT
 Hypo.: 32°45.1'N 138°28.3'E 345km



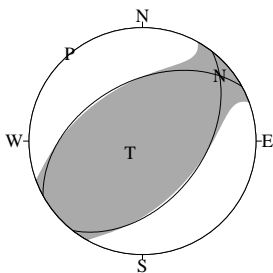
Cent.: 32°37.8'N 138°27.1'E 323km $\Delta t = 0.5$
 Mo: 5.10×10^{16} N·m Mw: 5.1 Mj: 5.2 (sec)
 mrr: -1.78 mtt: 0.46 mff: 1.32
 mrt: -2.13 mrf: -4.38 mtf: 0.05 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 25° 81° -87° P-axis: -5.39 299° 53°
 NP2: 183° 9° -112° T-axis: 4.81 112° 36°
 N-axis: 0.58 204° 3°
 V.R.: 61% ϵ : -0.11 N: 16 COMP: 18

2009/01/06 08:52:53.5
 FAR E OFF FUKUSHIMA PREF
 Hypo.: 37°35.4'N 142°58.1'E 45km



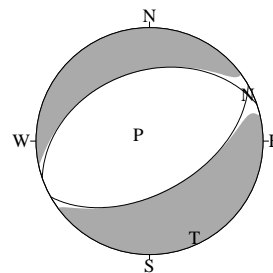
Cent.: 37°29.2'N 142°58.2'E 14km $\Delta t = 1.0$
 Mo: 2.04×10^{16} N·m Mw: 4.8 Mj: 5.0 (sec)
 mrr: 0.94 mtt: 0.19 mff: -1.13
 mrt: 0.87 mrf: 1.49 mtf: -0.33 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 75° 101° P-axis: -2.12 110° 29°
 NP2: 173° 19° 56° T-axis: 1.95 313° 59°
 N-axis: 0.17 206° 10°
 V.R.: 66% ϵ : -0.08 N: 14 COMP: 22

2009/01/16 02:49:37.1
 FAR FIELD
 Hypo.: 46°59.7'N 155°10.0'E 30km



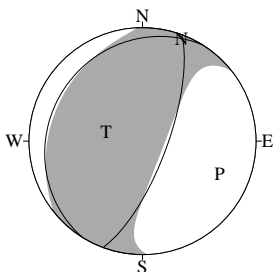
Cent.: 45°48.0'N 155°21.1'E 30km $\Delta t = 17.0$
 Mo: 1.34×10^{20} N·m Mw: 7.4 Mj: 7.4 (sec)
 mrr: 1.22 mtt: -0.74 mff: -0.48
 mrt: -0.16 mrf: 0.16 mtf: -0.80 ($\times 10^{20}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 38° 46° 74° P-axis: -1.42 320° 0°
 NP2: 241° 47° 106° T-axis: 1.27 227° 78°
 N-axis: 0.15 50° 12°
 V.R.: 53% ϵ : -0.11 N: 8 COMP: 24

2009/01/17 17:38:17.0
 KURILE ISLANDS REGION
 Hypo.: 44°16.8'N 150°39.1'E 30km



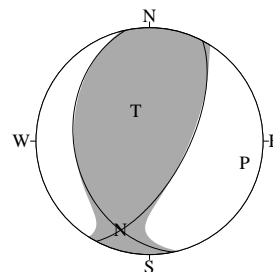
Cent.: 43°26.9'N 150°37.3'E 11km $\Delta t = 7.8$
 Mo: 1.20×10^{17} N·m Mw: 5.3 Mj: 5.3 (sec)
 mrr: -1.15 mtt: 0.99 mff: 0.16
 mrt: -0.23 mrf: -0.22 mtf: 0.47 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 61° 52° -97° P-axis: -1.20 299° 81°
 NP2: 251° 38° -82° T-axis: 1.20 155° 7°
 N-axis: 0.00 65° 5°
 V.R.: 60% ϵ : 0.04 N: 19 COMP: 35

2009/02/01 06:51:51.8
 E OFF IBARAKI PREF
 Hypo.: 36°43.0'N 141°16.7'E 47km



Cent.: 36°48.9'N 141°16.3'E 36km $\Delta t = 8.9$
 Mo: 5.00×10^{17} N·m Mw: 5.7 Mj: 5.8 (sec)
 mrr: 2.46 mtt: 0.15 mff: -2.60
 mrt: 1.39 mrf: 3.81 mtf: -1.61 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 72° 86° P-axis: -5.40 113° 27°
 NP2: 212° 18° 101° T-axis: 4.60 285° 63°
 N-axis: 0.90 21° 4°
 V.R.: 68% ϵ : -0.16 N: 16 COMP: 30

2009/02/01 18:32:45.8
 SE OFF MIYAGI PREF
 Hypo.: 37°52.2'N 142°29.9'E 33km

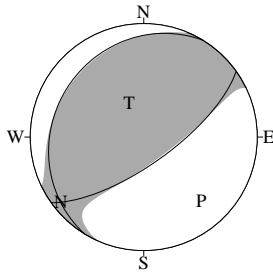


Cent.: 37°58.2'N 142°30.6'E 31km $\Delta t = 4.4$
 Mo: 4.38×10^{16} N·m Mw: 5.0 Mj: 5.2 (sec)
 mrr: 3.23 mtt: 0.65 mff: -3.87
 mrt: 1.61 mrf: 1.80 mtf: -0.72 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 28° 63° 111° P-axis: -4.54 103° 15°
 NP2: 168° 34° 55° T-axis: 4.23 336° 66°
 N-axis: 0.31 198° 19°
 V.R.: 59% ϵ : -0.07 N: 18 COMP: 30

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

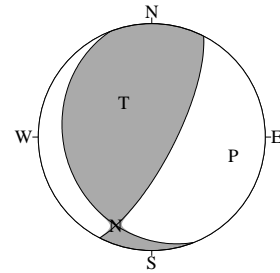
Hypo.: Location of hypocenter, Cent.: Location of centroid, Δt : Centroid time minus origin time
 Mo: Total scalar moment, Mw: Moment Magnitude, Mj: JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP: Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth 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

2009/02/04 07:39:22.5
 FAR FIELD
 Hypo.:48°15.0'N 155° 0.2'E 30km



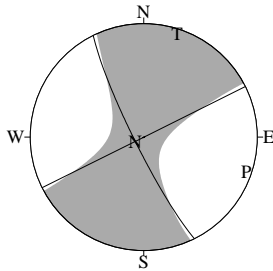
Cent.:48°15.4'N 155° 7.4'E 50km $\Delta t = 0.7$
 Mo: 1.45×10^{16} N·m Mw:4.7 Mj:5.1 (sec)
 mrr: 0.85 mtt:-0.41 mff:-0.44
 mrt: 0.94 mrf: 0.61 mtf:-0.56 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 55° 71° 98° P-axis:-1.50 138° 25°
 NP2:211° 21° 68° T-axis: 1.40 337° 63°
 N-axis: 0.11 232° 8°
 V.R.: 28% ϵ :-0.07 N:6 COMP:12

2009/02/15 18:24:32.2
 NE OFF IWATE PREF
 Hypo.:40°15.0'N 142°25.4'E 36km



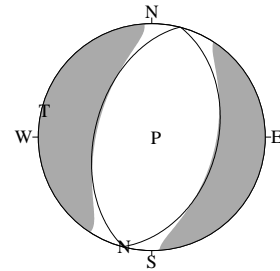
Cent.:40°25.5'N 142°25.1'E 43km $\Delta t = 5.4$
 Mo: 4.00×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
 mrr: 2.05 mtt: 0.54 mff:-2.59
 mrt: 1.77 mrf: 2.70 mtf:-0.16 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 27° 74° 108° P-axis:-4.00 103° 27°
 NP2:158° 24° 44° T-axis: 4.00 321° 58°
 N-axis: 0.00 202° 17°
 V.R.: 57% ϵ : 0.00 N:22 COMP:54

2009/02/18 06:47: 7.0
 SHIGA GIFU BORDER REGION
 Hypo.:35°39.7'N 136°18.8'E 9km



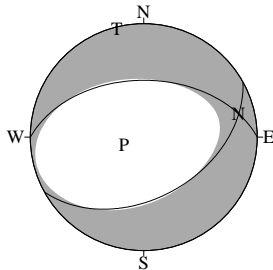
Cent.:35°36.9'N 136°19.0'E 12km $\Delta t = 4.0$
 Mo: 2.38×10^{16} N·m Mw:4.9 Mj:5.2 (sec)
 mrr: 0.30 mtt: 1.73 mff:-2.04
 mrt: 0.23 mrf: 0.17 mtf:-1.43 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 64° 90° 173° P-axis:-2.54 109° 5°
 NP2:154° 83° 0° T-axis: 2.23 18° 5°
 N-axis: 0.31 242° 83°
 V.R.: 65% ϵ :-0.12 N:21 COMP:31

2009/02/21 09:12:55.9
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.:28°52.6'N 130°53.4'E 73km



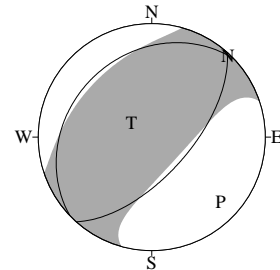
Cent.:28°52.2'N 130°55.5'E 12km $\Delta t = 3.6$
 Mo: 1.90×10^{17} N·m Mw:5.5 Mj:5.2 (sec)
 mrr:-1.78 mtt:-0.08 mff: 1.86
 mrt: 0.05 mrf: 0.22 mtf: 0.54 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 15° 42° -90° P-axis:-1.80 102° 87°
 NP2:194° 48° -90° T-axis: 2.00 284° 3°
 N-axis:-0.20 194° 0°
 V.R.: 61% ϵ : 0.11 N:20 COMP:38

2009/02/22 22:50:15.0
 NEAR MIYAKOJIMA ISLAND
 Hypo.:24°26.6'N 127° 3.6'E 64km



Cent.:24° 9.9'N 127° 7.1'E 11km $\Delta t = 2.1$
 Mo: 1.92×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr:-1.87 mtt: 1.70 mff: 0.17
 mrt: 0.24 mrf:-0.51 mtf: 0.43 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 61° 45° -111° P-axis:-2.02 250° 75°
 NP2:270° 48° -70° T-axis: 1.82 346° 2°
 N-axis: 0.20 76° 15°
 V.R.: 64% ϵ :-0.10 N:14 COMP:18

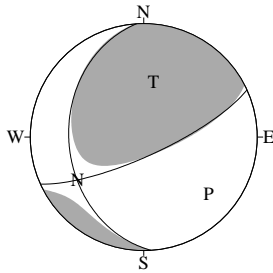
2009/02/22 23:24: 9.9
 SE OFF TOKACHI
 Hypo.:41°42.8'N 144°13.0'E 34km



Cent.:41°40.9'N 144°12.0'E 30km $\Delta t = 6.6$
 Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.4 (sec)
 mrr: 0.77 mtt:-0.35 mff:-0.42
 mrt: 0.44 mrf: 0.50 mtf:-0.69 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 42° 63° 88° P-axis:-1.30 133° 18°
 NP2:227° 27° 94° T-axis: 1.00 306° 72°
 N-axis: 0.30 43° 2°
 V.R.: 60% ϵ :-0.23 N:14 COMP:22

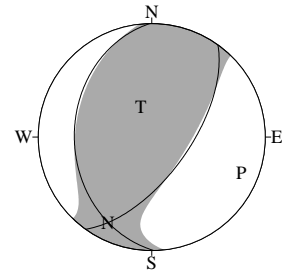
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/02/28 09:35:55.0
 HIDAKA REGION
 Hypo.:42°35.0'N 142°11.3'E 113km



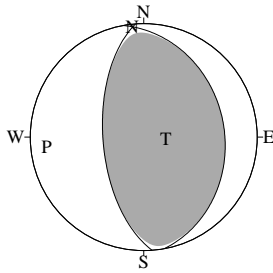
Cent.:42°29.1'N 142°11.6'E 104km $\Delta t= 4.3$
 Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.3 (sec)
 mrr: 0.67 mtt: 0.13 mff:-0.80
 mrt: 1.29 mrf: 0.26 mtf:-0.74 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 65° 76° 122° P-axis:-1.60 131° 25°
 NP2:176° 34° 25° T-axis: 1.80 10° 49°
 N-axis:-0.10 237° 31°
 V.R.: 67% ϵ : 0.08 N:21 COMP:37

2009/03/07 23:33: 4.7
 SE OFF TOKACHI
 Hypo.:41°47.7'N 143°49.3'E 39km



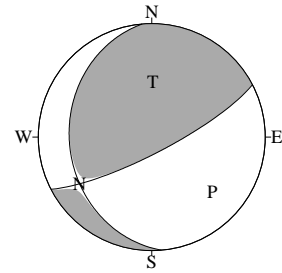
Cent.:41°45.7'N 143°46.8'E 39km $\Delta t=11.3$
 Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.4 (sec)
 mrr: 0.81 mtt: 0.10 mff:-0.91
 mrt: 0.45 mrf: 0.45 mtf:-0.39 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 36° 63° 108° P-axis:-1.20 112° 16°
 NP2:179° 32° 58° T-axis: 1.10 340° 67°
 N-axis: 0.10 207° 16°
 V.R.: 44% ϵ :-0.12 N:16 COMP:26

2009/03/13 18:07: 1.5
 NEAR VLADIVOSTOK
 Hypo.:43° 6.3'N 134°39.2'E 475km



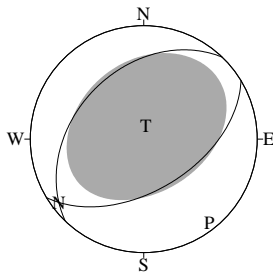
Cent.:43° 4.4'N 134°35.1'E 452km $\Delta t= 2.8$
 Mo: 5.80×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
 mrr: 5.00 mtt:-0.14 mff:-4.86
 mrt: 0.06 mrf:-2.99 mtf: 0.62 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:350° 30° 85° P-axis:-5.76 264° 15°
 NP2:176° 61° 93° T-axis: 5.84 94° 74°
 N-axis:-0.08 354° 3°
 V.R.: 67% ϵ : 0.01 N:8 COMP:16

2009/03/20 15:52:14.6
 SE OFF TOKACHI
 Hypo.:42°36.0'N 144°32.1'E 64km



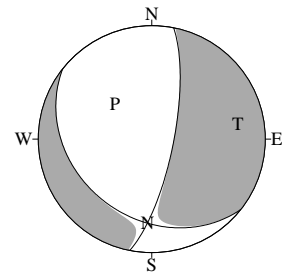
Cent.:42°32.3'N 144°32.2'E 67km $\Delta t= 2.1$
 Mo: 3.84×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 1.37 mtt: 0.27 mff:-1.64
 mrt: 2.99 mrf: 1.15 mtf:-1.48 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 63° 78° 116° P-axis:-3.82 132° 29°
 NP2:175° 28° 25° T-axis: 3.86 1° 50°
 N-axis:-0.03 237° 25°
 V.R.: 58% ϵ : 0.01 N:14 COMP:22

2009/03/22 23:45:46.2
 NEAR OKINAWAJIMA ISLAND
 Hypo.:26° 1.5'N 128°40.0'E 50km



Cent.:25°51.0'N 128°38.4'E 20km $\Delta t= 1.8$
 Mo: 3.06×10^{16} N·m Mw:4.9 Mj:5.3 (sec)
 mrr: 3.24 mtt:-1.81 mff:-1.43
 mrt: 0.92 mrf: 0.05 mtf:-0.99 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 59° 53° 99° P-axis:-2.72 142° 7°
 NP2:224° 38° 78° T-axis: 3.41 9° 80°
 N-axis:-0.69 233° 7°
 V.R.: 41% ϵ : 0.20 N:14 COMP:16

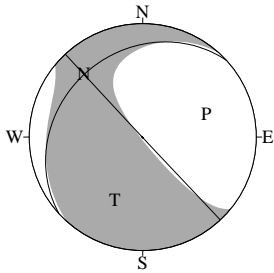
2009/03/27 04:19:58.2
 NW OFF OKINAWAJIMA IS
 Hypo.:27°27.9'N 126°48.7'E 139km



Cent.:27°13.0'N 126°49.9'E 166km $\Delta t= 4.2$
 Mo: 7.00×10^{17} N·m Mw:5.8 Mj:5.6 (sec)
 mrr:-3.19 mtt:-1.17 mff: 4.36
 mrt:-1.79 mrf:-5.00 mtf:-2.28 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 11° 74° -62° P-axis:-6.90 314° 53°
 NP2:128° 32°-149° T-axis: 7.10 80° 24°
 N-axis:-0.20 183° 27°
 V.R.: 66% ϵ : 0.02 N:20 COMP:50

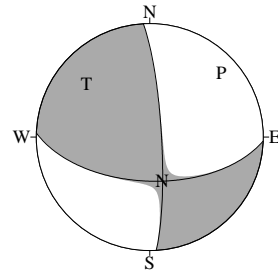
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/04/01 00:29:35.1
 FAR FIELD
 Hypo.:18°57.0'N 146° 5.7'E 198km



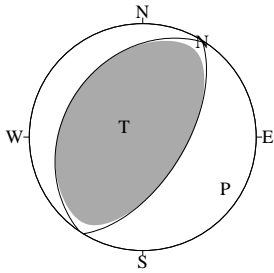
Cent.:19° 4.8'N 146°27.9'E 181km $\Delta t = 0.8$
 Mo: 1.70×10^{17} N·m Mw:5.4 Mj:5.6 (sec)
 mrr:-0.08 mtt: 0.77 mff:-0.70
 mrt:-0.93 mrf: 1.23 mtf: 0.11 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:228° 25° -179° P-axis:-1.80 70° 40°
 NP2:137° 90° -65° T-axis: 1.60 204° 39°
 N-axis: 0.30 317° 25°
 V.R.: 48% ϵ :-0.15 N:8 COMP:10

2009/04/02 17:39:32.7
 NEAR MIYAKOJIMA ISLAND
 Hypo.:24°42.6'N 125°50.6'E 54km



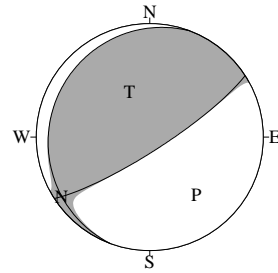
Cent.:24°31.8'N 125°51.1'E 35km $\Delta t = 2.0$
 Mo: 2.47×10^{16} N·m Mw:4.9 Mj:5.1 (sec)
 mrr: 0.41 mtt:-0.24 mff:-0.17
 mrt: 0.20 mrf: 1.27 mtf: 2.08 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:357° 82° 148° P-axis:-2.50 48° 16°
 NP2: 92° 58° 10° T-axis: 2.45 310° 28°
 N-axis: 0.05 164° 57°
 V.R.: 50% ϵ :-0.02 N:10 COMP:16

2009/04/05 18:36:26.3
 HYUGANADA REGION
 Hypo.:31°55.7'N 131°53.6'E 28km



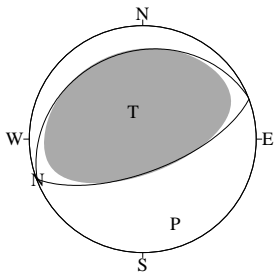
Cent.:31°43.0'N 131°54.0'E 34km $\Delta t = 2.5$
 Mo: 4.50×10^{17} N·m Mw:5.7 Mj:5.6 (sec)
 mrr: 4.01 mtt:-1.24 mff:-2.77
 mrt: 1.11 mrf: 1.91 mtf:-1.69 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 32° 60° 89° P-axis:-4.40 122° 15°
 NP2:214° 30° 92° T-axis: 4.60 298° 75°
 N-axis:-0.20 32° 1°
 V.R.: 60% ϵ : 0.03 N:18 COMP:40

2009/04/06 18:47:34.5
 FAR FIELD
 Hypo.:48°48.4'N 154°53.4'E 30km



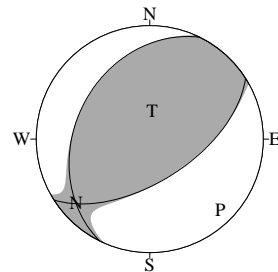
Cent.:48°48.2'N 154°54.9'E 29km $\Delta t = 1.0$
 Mo: 7.15×10^{16} N·m Mw:5.2 Mj:5.2 (sec)
 mrr: 2.33 mtt:-0.89 mff:-1.44
 mrt: 5.68 mrf: 3.51 mtf:-1.56 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 57° 80° 97° P-axis:-7.22 141° 35°
 NP2:201° 12° 54° T-axis: 7.08 336° 54°
 N-axis: 0.14 236° 7°
 V.R.: 49% ϵ :-0.02 N:8 COMP:10

2009/04/07 10:38:58.7
 KURILE ISLANDS REGION
 Hypo.:45°52.4'N 151°23.4'E 30km



Cent.:45°52.5'N 151°24.5'E 50km $\Delta t = 0.7$
 Mo: 1.67×10^{16} N·m Mw:4.7 Mj:5.5 (sec)
 mrr: 1.30 mtt:-1.02 mff:-0.28
 mrt: 1.06 mrf: 0.39 mtf:-0.34 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 70° 66° 91° P-axis:-1.60 159° 21°
 NP2:248° 24° 89° T-axis: 1.75 341° 69°
 N-axis:-0.15 249° 1°
 V.R.: 64% ϵ : 0.09 N:11 COMP:13

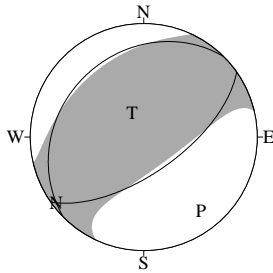
2009/04/07 13:23:30.1
 KURILE ISLANDS REGION
 Hypo.:46° 0.4'N 152°11.5'E 30km



Cent.:45°34.5'N 152° 8.0'E 49km $\Delta t = 17.6$
 Mo: 3.25×10^{19} N·m Mw:6.9 Mj:6.7 (sec)
 mrr: 2.66 mtt:-1.17 mff:-1.49
 mrt: 1.51 mrf: 0.44 mtf:-1.66 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 58° 60° 107° P-axis:-3.31 135° 13°
 NP2:206° 34° 63° T-axis: 3.19 5° 70°
 N-axis: 0.12 229° 15°
 V.R.: 75% ϵ :-0.04 N:10 COMP:30

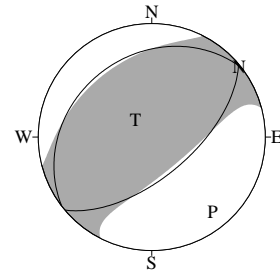
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/04/08 09:59:12.0
 KURILE ISLANDS REGION
 Hypo.:46° 2.8'N 152° 7.3'E 30km



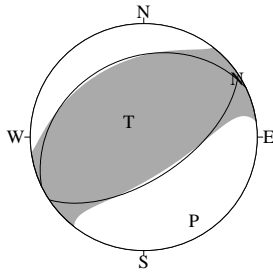
Cent.:46° 7.3'N 152° 7.9'E 43km $\Delta t = 1.2$
 Mo: 7.09×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
 mrr: 4.85 mtt:-3.22 mff:-1.63
 mrt: 3.61 mrf: 2.42 mtf:-3.84 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 55° 64° 94° P-axis: -7.83 142° 19°
 NP2: 225° 26° 81° T-axis: 6.36 334° 71°
 N-axis: 1.46 233° 4°
 V.R.: 66% ϵ : -0.19 N:17 COMP:27

2009/04/08 17:54:30.2
 KURILE ISLANDS REGION
 Hypo.:45°49.2'N 151°58.0'E 30km



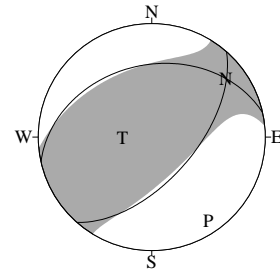
Cent.:45°50.2'N 152° 0.2'E 37km $\Delta t = 0.7$
 Mo: 3.92×10^{16} N·m Mw:5.0 Mj:5.2 (sec)
 mrr: 2.92 mtt:-1.92 mff:-1.00
 mrt: 1.62 mrf: 1.39 mtf:-2.15 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 50° 61° 89° P-axis: -4.29 141° 16°
 NP2: 232° 29° 92° T-axis: 3.56 317° 73°
 N-axis: 0.74 51° 1°
 V.R.: 65% ϵ : -0.17 N:9 COMP:15

2009/04/10 12:10:16.0
 KURILE ISLANDS REGION
 Hypo.:45°54.9'N 152°24.3'E 30km



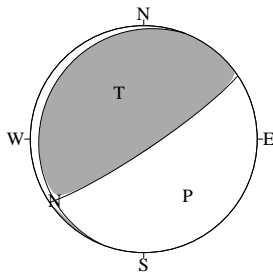
Cent.:45°55.0'N 152°25.8'E 37km $\Delta t = 0.8$
 Mo: 4.81×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
 mrr: 3.81 mtt:-3.23 mff:-0.58
 mrt: 1.91 mrf: 1.39 mtf:-2.30 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 56° 60° 86° P-axis: -5.18 149° 15°
 NP2: 244° 31° 97° T-axis: 4.44 315° 75°
 N-axis: 0.74 58° 3°
 V.R.: 76% ϵ : -0.14 N:9 COMP:11

2009/04/12 10:54:29.0
 KURILE ISLANDS REGION
 Hypo.:45°53.1'N 152°19.1'E 30km



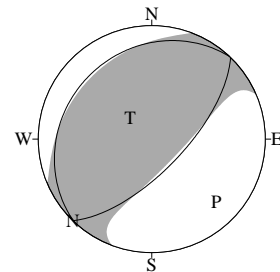
Cent.:45°53.2'N 152°21.3'E 30km $\Delta t = 0.6$
 Mo: 2.22×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr: 1.68 mtt:-1.46 mff:-0.23
 mrt: 0.46 mrf: 0.87 mtf:-1.27 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 41° 59° 69° P-axis: -2.43 146° 12°
 NP2: 257° 36° 121° T-axis: 2.02 268° 69°
 N-axis: 0.42 52° 18°
 V.R.: 66% ϵ : -0.17 N:9 COMP:11

2009/04/14 12:04:23.6
 FAR FIELD
 Hypo.:48°43.7'N 155°32.9'E 30km



Cent.:48°34.5'N 155°38.9'E 46km $\Delta t = 0.6$
 Mo: 2.20×10^{17} N·m Mw:5.5 Mj:6.0 (sec)
 mrr: 0.56 mtt:-0.21 mff:-0.36
 mrt: 1.77 mrf: 1.16 mtf:-0.32 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 56° 83° 95° P-axis: -2.20 142° 37°
 NP2: 202° 9° 56° T-axis: 2.20 332° 52°
 N-axis: 0.00 235° 5°
 V.R.: 60% ϵ : 0.01 N:8 COMP:16

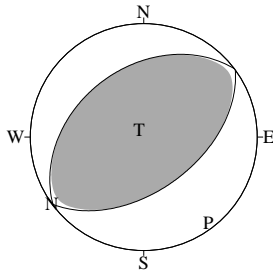
2009/04/17 21:37:49.4
 TAIWAN REGION
 Hypo.:24° 6.0'N 121°43.2'E 78km



Cent.:23°55.3'N 121°42.6'E 43km $\Delta t = 0.9$
 Mo: 3.65×10^{16} N·m Mw:5.0 Mj:5.0 (sec)
 mrr: 2.32 mtt:-1.09 mff:-1.24
 mrt: 1.79 mrf: 1.85 mtf:-1.69 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 44° 67° 90° P-axis: -3.92 134° 22°
 NP2: 223° 23° 89° T-axis: 3.39 315° 68°
 N-axis: 0.53 224° 0°
 V.R.: 67% ϵ : -0.14 N:4 COMP:6

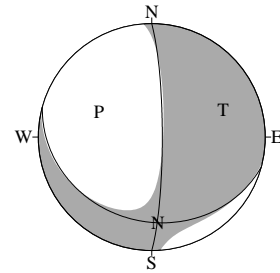
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/04/17 23:51:55.8
 KURILE ISLANDS REGION
 Hypo.:46° 5.9'N 152° 6.3'E 30km



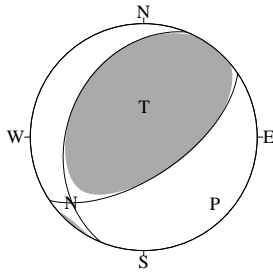
Cent.:45°12.4'N 152° 2.6'E 50km $\Delta t=15.2$
 Mo: 3.50×10^{17} N·m Mw:5.6 Mj:5.7 (sec)
 mrr: 3.47 mtt:-2.22 mff:-1.25
 mrt: 0.62 mrf: 0.43 mtf:-1.61 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 54° 51° 90° P-axis:-3.50 143° 6°
 NP2:233° 39° 89° T-axis: 3.60 327° 84°
 N-axis:-0.10 234° 0°
 V.R.: 62% ϵ : 0.01 N:17 COMP:43

2009/04/18 12:56:28.4
 NEAR VLADIVOSTOK
 Hypo.:42°57.5'N 131°15.0'E 671km



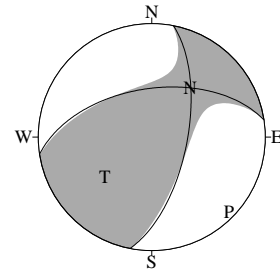
Cent.:42°39.6'N 131°12.5'E 680km $\Delta t= 3.6$
 Mo: 7.75×10^{16} N·m Mw:5.2 Mj:5.0 (sec)
 mrr:-1.97 mtt: 0.48 mff: 1.49
 mrt:-0.82 mrf:-6.78 mtf:-3.26 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:360° 82° -65° P-axis:-8.08 296° 47°
 NP2:105° 26°-163° T-axis: 7.42 69° 33°
 N-axis: 0.66 176° 25°
 V.R.: 65% ϵ :-0.08 N:12 COMP:14

2009/04/19 04:17:55.5
 KURILE ISLANDS REGION
 Hypo.:45°59.4'N 152° 4.4'E 30km



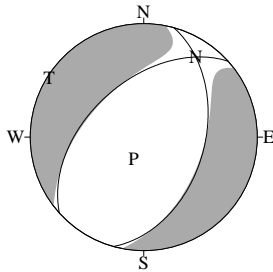
Cent.:45°29.3'N 151°59.8'E 57km $\Delta t=17.4$
 Mo: 1.14×10^{19} N·m Mw:6.6 Mj:6.5 (sec)
 mrr: 0.93 mtt:-0.35 mff:-0.58
 mrt: 0.60 mrf: 0.18 mtf:-0.49 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 56° 62° 108° P-axis:-1.11 133° 15°
 NP2:202° 33° 61° T-axis: 1.16 1° 68°
 N-axis:-0.05 228° 15°
 V.R.: 67% ϵ : 0.05 N:17 COMP:51

2009/04/19 18:05:54.1
 IOTO ISLANDS REGION
 Hypo.:23°33.3'N 142°39.9'E 180km



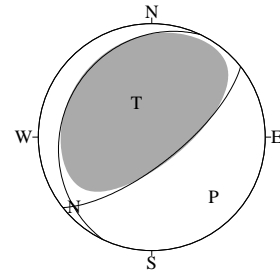
Cent.:23°31.2'N 142°54.4'E 127km $\Delta t= 0.9$
 Mo: 8.63×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
 mrr: 4.49 mtt:-2.43 mff:-2.06
 mrt:-1.63 mrf: 3.53 mtf:-6.69 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 11° 64° 40° P-axis:-9.07 134° 6°
 NP2:261° 55° 148° T-axis: 8.19 230° 45°
 N-axis: 0.88 38° 44°
 V.R.: 52% ϵ :-0.10 N:16 COMP:24

2009/04/20 16:22:38.1
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.:27° 5.6'N 130° 0.3'E 59km



Cent.:27° 8.7'N 130° 0.4'E 10km $\Delta t= 1.9$
 Mo: 4.12×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr:-3.64 mtt: 0.74 mff: 2.91
 mrt: 1.03 mrf:-0.28 mtf: 2.19 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 15° 45°-114° P-axis:-3.97 205° 73°
 NP2:228° 50° -67° T-axis: 4.27 302° 2°
 N-axis:-0.31 33° 17°
 V.R.: 64% ϵ : 0.07 N:5 COMP:7

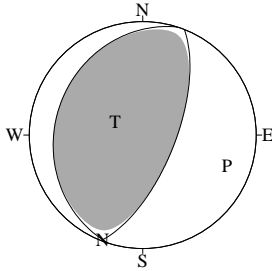
2009/04/20 21:02:25.5
 KURILE ISLANDS REGION
 Hypo.:46° 3.9'N 151°48.7'E 30km



Cent.:46° 3.9'N 151°51.4'E 60km $\Delta t= 0.7$
 Mo: 1.71×10^{16} N·m Mw:4.8 Mj:5.1 (sec)
 mrr: 1.13 mtt:-0.42 mff:-0.71
 mrt: 1.11 mrf: 0.72 mtf:-0.46 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 71° 99° P-axis:-1.63 134° 25°
 NP2:206° 21° 66° T-axis: 1.79 336° 63°
 N-axis:-0.16 228° 9°
 V.R.: 68% ϵ : 0.09 N:10 COMP:16

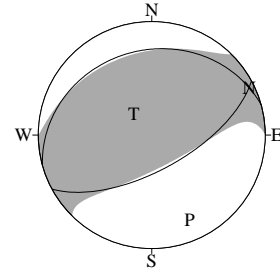
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/04/21 18:57:49.2
 E OFF FUKUSHIMA PREF
 Hypo.:37°20.4'N 141°35.2'E 45km



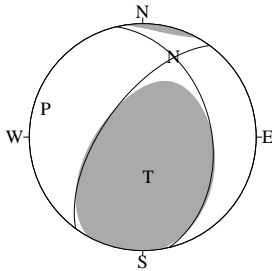
Cent.:37°23.8'N 141°35.2'E 48km $\Delta t = 4.4$
 Mo: 1.00×10^{17} N·m Mw:5.3 Mj:5.2 (sec)
 mrr: 0.74 mtt:-0.10 mff:-0.64
 mrt: 0.26 mrf: 0.63 mtf:-0.22 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 67° 92° P-axis:-1.00 110° 22°
 NP2:198° 23° 86° T-axis: 1.00 295° 68°
 N-axis: 0.00 201° 1°
 V.R.: 62% ϵ : 0.02 N:18 COMP:32

2009/04/23 16:37: 0.9
 KURILE ISLANDS REGION
 Hypo.:46° 7.6'N 152°23.1'E 30km



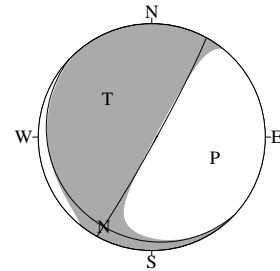
Cent.:46° 6.8'N 152°26.3'E 40km $\Delta t = 0.8$
 Mo: 4.47×10^{16} N·m Mw:5.0 Mj:5.2 (sec)
 mrr: 3.15 mtt:-3.14 mff:-0.01
 mrt: 2.41 mrf: 1.43 mtf:-1.60 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 61° 65° 84° P-axis:-4.79 156° 19°
 NP2:255° 26° 102° T-axis: 4.16 320° 70°
 N-axis: 0.63 64° 5°
 V.R.: 72% ϵ :-0.13 N:7 COMP:9

2009/04/25 08:05: 4.1
 KURILE ISLANDS REGION
 Hypo.:45°33.0'N 152° 0.0'E 30km



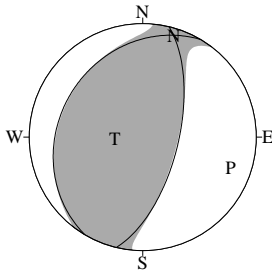
Cent.:45°33.0'N 152° 1.9'E 30km $\Delta t = 0.7$
 Mo: 1.98×10^{16} N·m Mw:4.8 Mj:5.2 (sec)
 mrr: 1.50 mtt: 0.16 mff:-1.66
 mrt:-1.08 mrf:-0.46 mtf:-0.32 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:346° 40° 48° P-axis:-1.85 286° 12°
 NP2:216° 62° 119° T-axis: 2.11 172° 61°
 N-axis:-0.26 21° 25°
 V.R.: 54% ϵ : 0.12 N:8 COMP:12

2009/04/25 22:54:29.7
 NE OFF IWATE PREF
 Hypo.:40° 9.7'N 142°22.8'E 37km



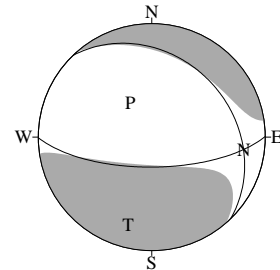
Cent.:40° 8.6'N 142°23.0'E 21km $\Delta t = 0.8$
 Mo: 2.34×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr: 0.16 mtt: 0.45 mff:-0.61
 mrt: 1.08 mrf: 2.02 mtf: 0.03 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:134° 12° 15° P-axis:-2.44 108° 41°
 NP2: 29° 87° 101° T-axis: 2.25 311° 47°
 N-axis: 0.19 208° 11°
 V.R.: 56% ϵ :-0.08 N:11 COMP:17

2009/04/28 06:37:34.5
 E OFF IBARAKI PREF
 Hypo.:36°24.4'N 141° 7.8'E 48km



Cent.:36°25.3'N 141° 8.1'E 43km $\Delta t = 5.7$
 Mo: 5.97×10^{16} N·m Mw:5.1 Mj:5.0 (sec)
 mrr: 4.48 mtt:-0.30 mff:-4.18
 mrt: 0.57 mrf: 3.64 mtf:-1.82 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 13° 64° 82° P-axis:-6.12 109° 19°
 NP2:211° 27° 106° T-axis: 5.81 267° 70°
 N-axis: 0.32 17° 7°
 V.R.: 67% ϵ :-0.05 N:12 COMP:20

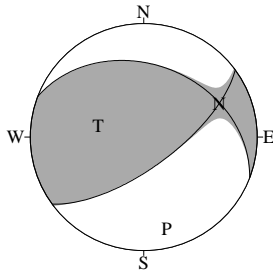
2009/04/28 20:21:19.4
 OFF NEMURO PENINSULA
 Hypo.:42°35.3'N 145° 5.5'E 38km



Cent.:42°33.7'N 145° 5.1'E 20km $\Delta t = 4.0$
 Mo: 8.74×10^{16} N·m Mw:5.2 Mj:5.4 (sec)
 mrr:-5.16 mtt: 6.20 mff:-1.04
 mrt:-5.87 mrf:-0.60 mtf:-3.11 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 90° 68°-111° P-axis:-8.12 328° 61°
 NP2:316° 30° -48° T-axis: 9.36 195° 21°
 N-axis:-1.25 98° 19°
 V.R.: 67% ϵ : 0.13 N:15 COMP:35

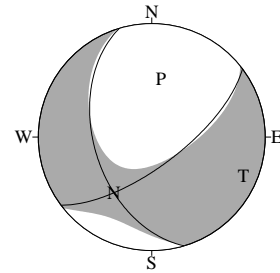
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/04/30 02:21:57.7
NEAR ISHIGAKIJIMA ISLAND
Hypo.:23°51.6'N 123°22.0'E 27km



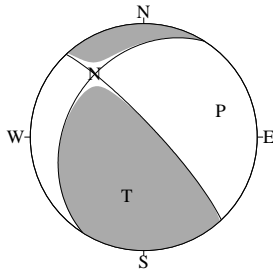
Cent.:23°34.2'N 123°22.3'E 33km $\Delta t = -2.4$
Mo: 6.09×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
mrr: 3.60 mtt:-5.11 mff: 1.51
mrt: 2.48 mrf: 3.07 mtf:-0.96 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 54° 68° 60° P-axis:-6.19 166° 18°
NP2:291° 36° 141° T-axis: 6.00 284° 56°
N-axis: 0.18 66° 28°
V.R.: 46% ϵ : -0.03 N:5 COMP:7

2009/05/01 21:57:10.7
NEAR CHICHIJIMA ISLAND
Hypo.:26°40.4'N 141°18.3'E 418km



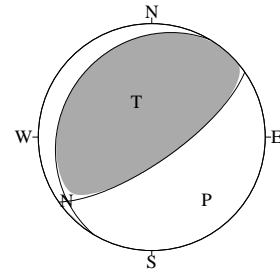
Cent.:26°31.3'N 141° 6.4'E 416km $\Delta t = 1.7$
Mo: 8.06×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
mrr:-3.72 mtt:-2.43 mff: 6.15
mrt:-5.38 mrf:-0.53 mtf: 2.84 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 53° 69° -46° P-axis:-8.65 9° 47°
NP2:163° 48° -151° T-axis: 7.48 113° 13°
N-axis: 1.17 214° 40°
V.R.: 76% ϵ : -0.13 N:14 COMP:18

2009/05/10 04:34:30.2
FAR E OFF FUKUSHIMA PREF
Hypo.:36°37.2'N 142°40.2'E 21km



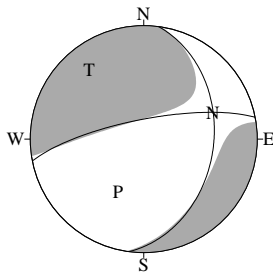
Cent.:36°39.0'N 142°40.3'E 10km $\Delta t = 5.5$
Mo: 8.89×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
mrr: 2.34 mtt: 3.37 mff:-5.71
mrt:-5.60 mrf: 4.74 mtf: 0.74 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:212° 32° 163° P-axis:-8.78 71° 29°
NP2:317° 81° 59° T-axis: 9.00 196° 45°
N-axis:-0.22 322° 30°
V.R.: 77% ϵ : 0.02 N:12 COMP:20

2009/05/22 22:31:27.7
KURILE ISLANDS REGION
Hypo.:46°32.8'N 153° 1.4'E 30km



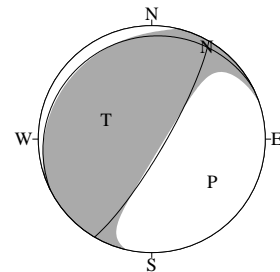
Cent.:46°33.0'N 153° 7.3'E 50km $\Delta t = 0.7$
Mo: 1.71×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
mrr: 1.01 mtt:-0.46 mff:-0.55
mrt: 1.18 mrf: 0.73 mtf:-0.52 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 55° 72° 98° P-axis:-1.70 139° 27°
NP2:211° 19° 67° T-axis: 1.73 337° 62°
N-axis:-0.04 233° 7°
V.R.: 62% ϵ : 0.02 N:9 COMP:13

2009/05/26 19:11:59.7
W OFF OGASAWARA
Hypo.:27°48.2'N 140°27.9'E 460km



Cent.:27°52.0'N 140°28.9'E 462km $\Delta t = 0.4$
Mo: 1.59×10^{16} N·m Mw:4.7 Mj:5.0 (sec)
mrr:-0.60 mtt: 0.31 mff: 0.30
mrt: 1.11 mrf: 0.11 mtf: 1.01 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 7° 38° -157° P-axis:-1.50 206° 47°
NP2:259° 76° -54° T-axis: 1.68 322° 23°
N-axis:-0.18 69° 35°
V.R.: 55% ϵ : 0.10 N:14 COMP:18

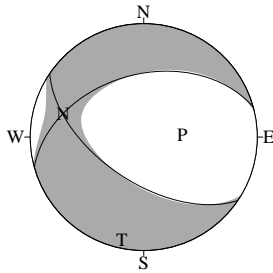
2009/06/05 12:30:33.8
SE OFF ERIMOMISAKI
Hypo.:41°48.7'N 143°37.2'E 31km



Cent.:41°46.5'N 143°36.9'E 25km $\Delta t = 4.9$
Mo: 4.14×10^{18} N·m Mw:6.3 Mj:6.4 (sec)
mrr: 1.12 mtt:-0.46 mff:-0.66
mrt: 1.96 mrf: 3.37 mtf:-1.08 ($\times 10^{18}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 30° 81° 84° P-axis:-4.36 125° 35°
NP2:243° 11° 122° T-axis: 3.93 293° 54°
N-axis: 0.44 31° 6°
V.R.: 56% ϵ : -0.10 N:12 COMP:16

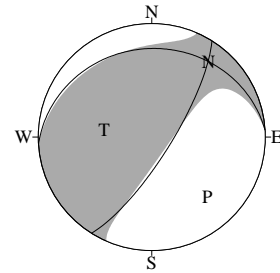
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/06/06 14:52:41.0
 NEAR CHOSHI CITY
 Hypo.: 35°32.5'N 141°15.8'E 42km



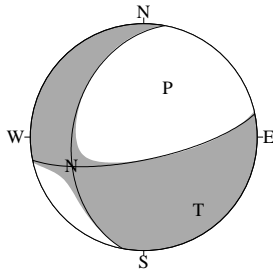
Cent.: 35°22.8'N 141°15.3'E 33km $\Delta t = 5.5$
 Mo: 5.80×10^{17} N·m Mw: 5.8 Mj: 5.9 (sec)
 mrr: -4.53 mtt: 5.26 mff: -0.74
 mrt: -0.79 mrf: 2.81 mtf: -0.95 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 124° 58° -58° P-axis: -6.00 87° 62°
 NP2: 255° 44° -130° T-axis: 5.60 192° 8°
 N-axis: 0.50 286° 27°
 V.R.: 59% ϵ : -0.08 N: 16 COMP: 32

2009/06/06 19:37:51.4
 SE OFF ETOROFU
 Hypo.: 44°40.3'N 149° 9.5'E 30km



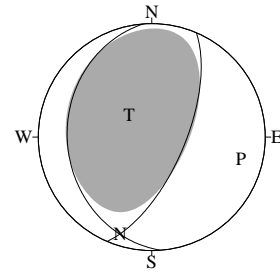
Cent.: 44°32.8'N 149°11.0'E 19km $\Delta t = 0.4$
 Mo: 4.47×10^{16} N·m Mw: 5.0 Mj: 5.0 (sec)
 mrr: 1.77 mtt: -1.59 mff: -0.19
 mrt: 1.90 mrf: 3.21 mtf: -1.86 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 32° 76° 71° P-axis: -4.75 137° 29°
 NP2: 266° 23° 142° T-axis: 4.18 279° 55°
 N-axis: 0.57 37° 18°
 V.R.: 60% ϵ : -0.12 N: 9 COMP: 17

2009/06/16 09:03:54.1
 SOUTHERN SEA OF OKHOTSK
 Hypo.: 46°43.9'N 145°54.9'E 438km



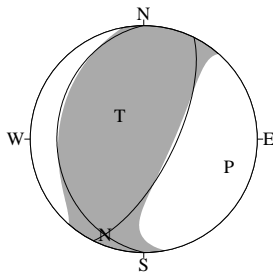
Cent.: 47° 0.7'N 145°53.4'E 407km $\Delta t = 1.3$
 Mo: 4.87×10^{16} N·m Mw: 5.1 Mj: 5.1 (sec)
 mrr: -2.19 mtt: 0.96 mff: 1.23
 mrt: -3.56 mrf: 0.19 mtf: 2.74 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 78° 74° -56° P-axis: -4.99 26° 50°
 NP2: 191° 37° -152° T-axis: 4.76 143° 21°
 N-axis: 0.23 248° 32°
 V.R.: 82% ϵ : -0.05 N: 9 COMP: 11

2009/06/18 15:21: 0.7
 NEAR TORISHIMA IS
 Hypo.: 31°19.2'N 142° 6.5'E 38km



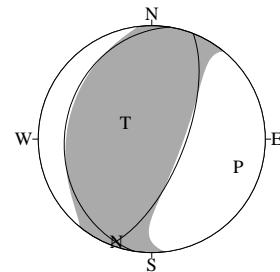
Cent.: 31°26.5'N 142° 6.8'E 10km $\Delta t = 6.7$
 Mo: 6.13×10^{16} N·m Mw: 5.1 Mj: 5.4 (sec)
 mrr: 4.74 mtt: -0.42 mff: -4.32
 mrt: 2.24 mrf: 3.46 mtf: -0.50 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 23° 66° 102° P-axis: -5.77 104° 20°
 NP2: 176° 26° 65° T-axis: 6.48 315° 67°
 N-axis: -0.71 198° 11°
 V.R.: 61% ϵ : 0.11 N: 20 COMP: 36

2009/06/20 11:52:55.8
 FAR E OFF SANRIKU
 Hypo.: 39° 5.4'N 143°21.5'E 26km



Cent.: 39° 7.4'N 143°21.1'E 29km $\Delta t = 7.9$
 Mo: 1.00×10^{17} N·m Mw: 5.3 Mj: 5.4 (sec)
 mrr: 0.64 mtt: 0.13 mff: -0.76
 mrt: 0.35 mrf: 0.64 mtf: -0.26 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 26° 68° 100° P-axis: -1.10 108° 22°
 NP2: 180° 24° 66° T-axis: 1.00 314° 66°
 N-axis: 0.20 202° 10°
 V.R.: 68% ϵ : -0.15 N: 15 COMP: 27

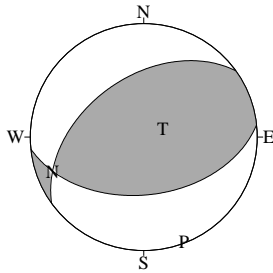
2009/06/23 16:24: 8.5
 FAR E OFF SANRIKU
 Hypo.: 39°12.1'N 143°47.6'E 29km



Cent.: 39° 9.3'N 143°46.2'E 19km $\Delta t = 9.9$
 Mo: 4.11×10^{16} N·m Mw: 5.0 Mj: 5.2 (sec)
 mrr: 2.73 mtt: 0.30 mff: -3.03
 mrt: 1.08 mrf: 2.55 mtf: -1.06 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 66° 95° P-axis: -4.41 108° 21°
 NP2: 189° 24° 79° T-axis: 3.82 301° 68°
 N-axis: 0.58 199° 5°
 V.R.: 58% ϵ : -0.13 N: 17 COMP: 25

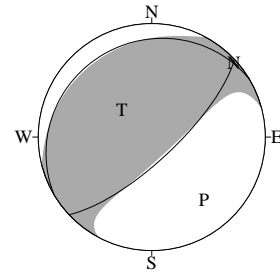
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/06/23 16:37:17.2
E OFF MIYAGI PREF
Hypo.:38°53.7'N 142°31.9'E 39km



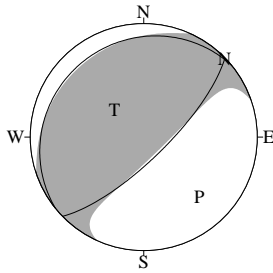
Cent.:38°52.8'N 142°31.1'E 37km $\Delta t = 4.7$
Mo: 3.10×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
mrr: 2.88 mtt:-2.67 mff:-0.21
mrt: 0.35 mrf:-0.71 mtf:-1.10 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 84° 48° 111° P-axis:-3.10 159° 1°
NP2:234° 46° 69° T-axis: 3.10 67° 75°
N-axis: 0.00 249° 15°
V.R.: 72% ϵ : 0.00 N:17 COMP:27

2009/06/28 18:34:54.7
TAIWAN REGION
Hypo.:23°57.8'N 121°36.3'E 33km



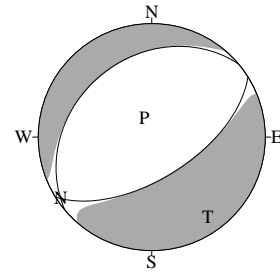
Cent.:24° 6.6'N 121°36.6'E 10km $\Delta t = 1.3$
Mo: 7.57×10^{16} N·m Mw:5.2 Mj:5.5 (sec)
mrr: 3.65 mtt:-2.48 mff:-1.18
mrt: 4.60 mrf: 4.39 mtf:-2.64 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 47° 74° 86° P-axis:-8.00 140° 29°
NP2:239° 17° 102° T-axis: 7.14 312° 61°
N-axis: 0.86 48° 3°
V.R.: 57% ϵ :-0.11 N:4 COMP:6

2009/06/28 18:52:44.4
TAIWAN REGION
Hypo.:24° 3.1'N 121°40.6'E 17km



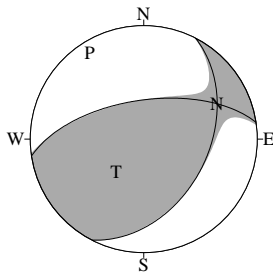
Cent.:24° 0.7'N 121°40.3'E 12km $\Delta t = 0.8$
Mo: 2.77×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 1.29 mtt:-0.74 mff:-0.55
mrt: 1.69 mrf: 1.66 mtf:-0.95 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 46° 74° 89° P-axis:-2.93 137° 29°
NP2:231° 16° 95° T-axis: 2.62 313° 61°
N-axis: 0.31 46° 1°
V.R.: 42% ϵ :-0.10 N:4 COMP:6

2009/07/07 07:35: 7.2
FAR S OFF OKINAWAJIMA
Hypo.:24°58.6'N 128° 2.3'E 72km



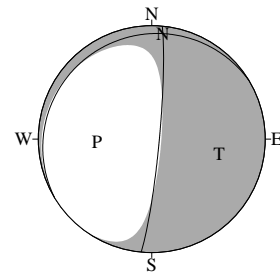
Cent.:24°50.4'N 128° 3.9'E 11km $\Delta t = 1.9$
Mo: 5.00×10^{17} N·m Mw:5.7 Mj:5.9 (sec)
mrr:-4.19 mtt: 2.84 mff: 1.36
mrt:-2.21 mrf:-1.20 mtf: 2.24 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 58° 60° -86° P-axis:-4.90 339° 75°
NP2:230° 30° -97° T-axis: 5.10 145° 15°
N-axis:-0.20 236° 4°
V.R.: 75% ϵ : 0.05 N:5 COMP:15

2009/07/10 05:53:20.8
IOTO ISLANDS REGION
Hypo.:22°22.6'N 145° 6.1'E 47km



Cent.:22°43.9'N 145°16.0'E 41km $\Delta t = 5.5$
Mo: 2.00×10^{17} N·m Mw:5.5 Mj:5.4 (sec)
mrr: 1.36 mtt:-1.08 mff:-0.27
mrt:-0.96 mrf: 0.32 mtf:-1.15 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 27° 42° 44° P-axis:-2.00 328° 11°
NP2:261° 62° 123° T-axis: 1.90 220° 59°
N-axis: 0.10 64° 29°
V.R.: 63% ϵ :-0.04 N:14 COMP:20

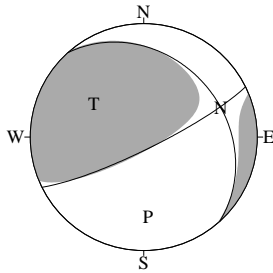
2009/07/10 09:49: 8.6
SOUTHERN SEA OF OKHOTSK
Hypo.:47° 6.4'N 149° 7.7'E 418km



Cent.:47°42.3'N 149° 3.4'E 414km $\Delta t = 0.1$
Mo: 1.40×10^{17} N·m Mw:5.4 Mj:5.2 (sec)
mrr:-0.32 mtt: 0.17 mff: 0.15
mrt:-0.08 mrf:-1.32 mtf: 0.17 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 5° 85° -97° P-axis:-1.40 267° 50°
NP2:240° 9° -36° T-axis: 1.30 102° 39°
N-axis: 0.10 6° 7°
V.R.: 67% ϵ :-0.10 N:15 COMP:17

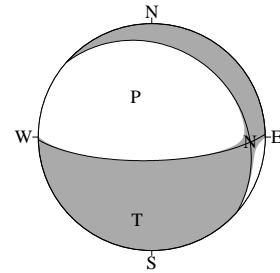
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/07/14 03:05: 3.2
 TAIWAN REGION
 Hypo.:24° 1.3'N 122°13.0'E 34km



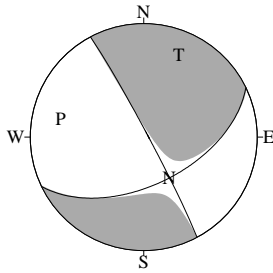
Cent.:24° 2.6'N 122°13.3'E 25km $\Delta t = 6.4$
 Mo: $3.33 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.3 Mj:6.5 (sec)
 mrr: 0.93 mtt:-1.86 mff: 0.93
 mrt: 2.33 mrf: 1.62 mtf: 0.72 ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 64° 81° 61° P-axis:-3.19 177° 30°
 NP2:318° 30° 162° T-axis: 3.47 304° 46°
 N-axis:-0.28 69° 28°
 V.R.: 59% ϵ : 0.08 N:5 COMP:9

2009/07/14 20:27:34.0
 IOTO ISLANDS REGION
 Hypo.:23°19.4'N 144°16.3'E 103km



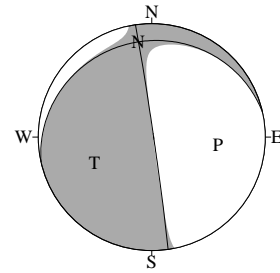
Cent.:23°11.6'N 144°23.3'E 74km $\Delta t = 1.6$
 Mo: $6.92 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.5 (sec)
 mrr:-3.76 mtt: 3.75 mff: 0.01
 mrt:-5.55 mrf:-0.69 mtf:-1.60 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 89° 73°-105° P-axis:-6.97 338° 59°
 NP2:311° 22° -50° T-axis: 6.87 190° 27°
 N-axis: 0.10 93° 14°
 V.R.: 65% ϵ :-0.01 N:17 COMP:27

2009/07/16 15:29: 3.5
 NEAR VLADIVOSTOK
 Hypo.:42°20.4'N 133°38.9'E 528km



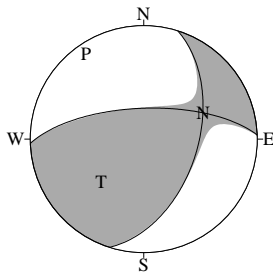
Cent.:42°25.1'N 133°33.6'E 495km $\Delta t = 1.9$
 Mo: $9.26 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.2 Mj:5.7 (sec)
 mrr:-0.81 mtt: 6.49 mff:-5.68
 mrt: 2.41 mrf:-4.66 mtf:-4.58 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 64° 55°-176° P-axis:-9.02 282° 26°
 NP2:332° 87° -35° T-axis: 9.50 23° 22°
 N-axis:-0.48 148° 55°
 V.R.: 64% ϵ : 0.05 N:9 COMP:13

2009/07/17 10:55:40.4
 NEAR CHICHIJIMA ISLAND
 Hypo.:26°26.0'N 142°44.6'E 39km



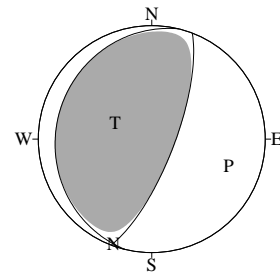
Cent.:26°20.7'N 142°44.6'E 21km $\Delta t = -0.8$
 Mo: $3.69 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.0 Mj:5.1 (sec)
 mrr: 0.11 mtt: 0.41 mff:-0.52
 mrt:-0.48 mrf: 3.51 mtf:-0.95 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:352° 89° 74° P-axis:-3.76 97° 41°
 NP2:257° 16° 175° T-axis: 3.63 246° 44°
 N-axis: 0.13 352° 16°
 V.R.: 65% ϵ :-0.04 N:5 COMP:7

2009/07/29 23:52: 8.9
 IOTO ISLANDS REGION
 Hypo.:23° 3.1'N 143°47.9'E 168km



Cent.:22°40.8'N 144° 1.2'E 126km $\Delta t = -8.0$
 Mo: $1.70 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.4 Mj:5.8 (sec)
 mrr: 0.81 mtt:-0.74 mff:-0.07
 mrt:-0.81 mrf: 0.38 mtf:-1.17 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 18° 51° 29° P-axis:-1.70 326° 10°
 NP2:268° 68° 137° T-axis: 1.60 225° 46°
 N-axis: 0.10 66° 42°
 V.R.: 67% ϵ :-0.04 N:16 COMP:24

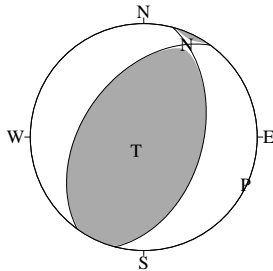
2009/08/01 18:45:48.3
 E OFF FUKUSHIMA PREF
 Hypo.:37°34.1'N 141°54.8'E 36km



Cent.:37°34.4'N 141°55.8'E 36km $\Delta t = 0.8$
 Mo: $3.37 \times 10^{16} \text{N}\cdot\text{m}$ Mw:5.0 Mj:5.0 (sec)
 mrr: 1.87 mtt:-0.24 mff:-1.63
 mrt: 1.05 mrf: 2.64 mtf:-0.47 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 21° 74° 92° P-axis:-3.32 109° 29°
 NP2:194° 16° 83° T-axis: 3.43 294° 61°
 N-axis:-0.10 200° 2°
 V.R.: 67% ϵ : 0.03 N:12 COMP:20

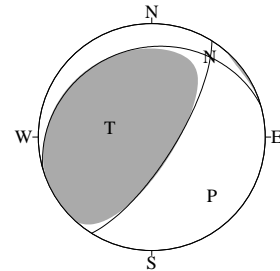
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/08/02 00:57: 1.8
 OFF N NIIGATA PREF
 Hypo.: 38°18.2'N 138°46.9'E 28km



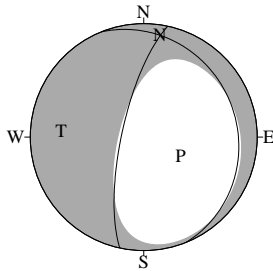
Cent.: 38°22.9'N 138°46.6'E 22km $\Delta t = 0.8$
 Mo: 2.13×10^{16} N·m Mw: 4.8 Mj: 4.9 (sec)
 mrr: 2.06 mtt: -0.34 mff: -1.72
 mrt: -0.34 mrf: 0.21 mtf: -0.84 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 15° 47° 75° P-axis: -2.12 115° 1°
 NP2: 216° 45° 105° T-axis: 2.14 209° 79°
 N-axis: -0.02 25° 11°
 V.R.: 63% ϵ : 0.01 N:14 COMP:22

2009/08/05 09:17:58.0
 NEAR MIYAKOJIMA ISLAND
 Hypo.: 24°10.5'N 125°15.8'E 22km



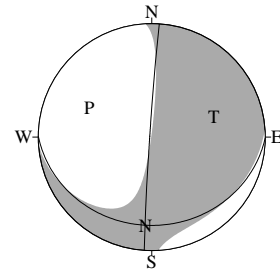
Cent.: 24° 2.4'N 125°16.9'E 35km $\Delta t = 0.4$
 Mo: 1.57×10^{18} N·m Mw: 6.1 Mj: 6.5 (sec)
 mrr: 0.89 mtt: -0.62 mff: -0.27
 mrt: 0.54 mrf: 1.15 mtf: -0.47 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 32° 73° 76° P-axis: -1.51 134° 27°
 NP2: 254° 22° 129° T-axis: 1.62 282° 59°
 N-axis: -0.11 36° 14°
 V.R.: 64% ϵ : 0.07 N:5 COMP:9

2009/08/05 12:51:14.0
 HYUGANADA REGION
 Hypo.: 32°31.1'N 132° 7.1'E 33km



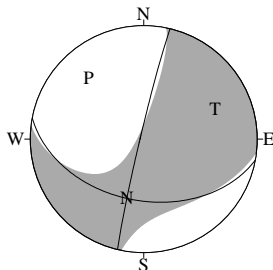
Cent.: 32°33.0'N 132° 6.9'E 24km $\Delta t = 3.0$
 Mo: 2.85×10^{16} N·m Mw: 4.9 Mj: 5.0 (sec)
 mrr: -1.66 mtt: 0.25 mff: 1.42
 mrt: 0.75 mrf: 2.28 mtf: -0.25 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 338° 19° -123° P-axis: -3.06 117° 60°
 NP2: 192° 74° -80° T-axis: 2.64 274° 28°
 N-axis: 0.42 9° 10°
 V.R.: 61% ϵ : -0.14 N:15 COMP:21

2009/08/09 19:55:52.1
 FAR S OFF TOKAI DISTRICT
 Hypo.: 33° 7.6'N 138°24.2'E 333km



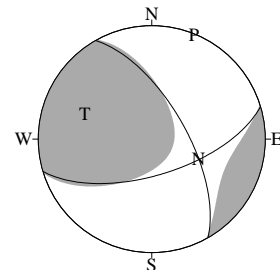
Cent.: 33°14.8'N 138°24.1'E 314km $\Delta t = 7.2$
 Mo: 4.81×10^{19} N·m Mw: 7.1 Mj: 6.8 (sec)
 mrr: 0.06 mtt: 0.22 mff: -0.28
 mrt: -0.58 mrf: -4.39 mtf: -1.95 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 90° 23° 176° P-axis: -5.13 295° 39°
 NP2: 184° 89° 67° T-axis: 4.51 72° 42°
 N-axis: 0.62 184° 23°
 V.R.: 75% ϵ : -0.12 N:12 COMP:26

2009/08/10 21:42:52.8
 NEAR VLADIVOSTOK
 Hypo.: 43°23.8'N 131°12.0'E 616km



Cent.: 43°24.8'N 131° 5.9'E 616km $\Delta t = 1.0$
 Mo: 4.61×10^{16} N·m Mw: 5.0 Mj: 5.2 (sec)
 mrr: 0.51 mtt: -1.30 mff: 0.79
 mrt: -1.24 mrf: -3.02 mtf: -3.14 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 101° 45° 176° P-axis: -5.04 318° 28°
 NP2: 193° 87° 45° T-axis: 4.17 67° 32°
 N-axis: 0.87 196° 45°
 V.R.: 67% ϵ : -0.17 N:5 COMP:9

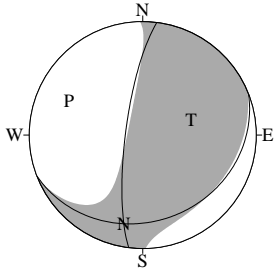
2009/08/11 05:07: 5.7
 SOUTHERN SURUGA BAY REG
 Hypo.: 34°47.1'N 138°29.9'E 23km



Cent.: 34°47.2'N 138°28.9'E 18km $\Delta t = 2.6$
 Mo: 3.03×10^{18} N·m Mw: 6.3 Mj: 6.5 (sec)
 mrr: 0.89 mtt: -2.13 mff: 1.24
 mrt: 0.63 mrf: 1.71 mtf: 1.60 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 73° 64° 28° P-axis: -2.77 22° 1°
 NP2: 330° 65° 151° T-axis: 3.28 291° 37°
 N-axis: -0.51 113° 53°
 V.R.: 48% ϵ : 0.15 N:8 COMP:10

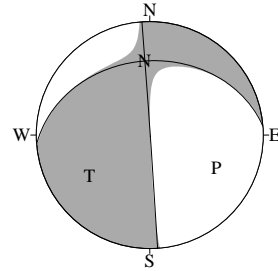
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/08/13 07:48:51.7
 E OFF HACHIJOJIMA ISLAND
 Hypo.:32°52.1'N 140°49.5'E 57km



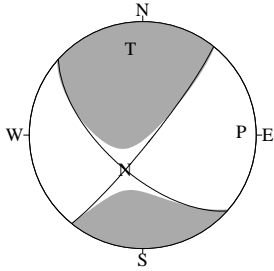
Cent.:32°48.8'N 140°51.5'E 52km $\Delta t = 2.3$
 Mo: $7.83 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.5 Mj:6.6 (sec)
 mrr: 2.68 mtt: 0.17 mff:-2.85
 mrt:-0.81 mrf:-6.50 mtf:-3.44 ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 69° 25° 149° P-axis:-8.44 295° 29°
 NP2:187° 78° 68° T-axis: 7.21 72° 53°
 N-axis: 1.23 192° 21°
 V.R.: 73% ϵ :-0.15 N:13 COMP:33

2009/08/15 18:20:43.7
 KURILE ISLANDS REGION
 Hypo.:46°37.2'N 153° 6.5'E 30km



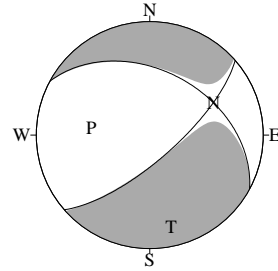
Cent.:46°38.8'N 153° 7.6'E 23km $\Delta t = 0.9$
 Mo: $2.15 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.8 Mj:5.2 (sec)
 mrr: 0.02 mtt: 0.22 mff:-0.24
 mrt:-0.06 mrf: 1.76 mtf:-1.21 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1:356° 90° 55° P-axis:-2.20 116° 35°
 NP2:265° 35° 179° T-axis: 2.10 236° 36°
 N-axis: 0.10 356° 35°
 V.R.: 64% ϵ :-0.05 N:8 COMP:20

2009/08/17 09:05:49.0
 NEAR ISHIGAKIJIMA ISLAND
 Hypo.:23°26.2'N 123°38.0'E 48km



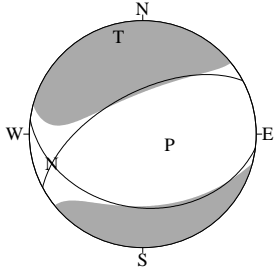
Cent.:23°27.4'N 123°38.8'E 19km $\Delta t = 4.1$
 Mo: $9.17 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.6 Mj:6.7 (sec)
 mrr: 0.47 mtt: 7.70 mff:-8.16
 mrt: 3.66 mrf: 2.45 mtf: 1.40 ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 39° 84° 153° P-axis:-8.82 88° 14°
 NP2:132° 63° 7° T-axis: 9.52 352° 24°
 N-axis:-0.69 207° 62°
 V.R.: 68% ϵ : 0.07 N:3 COMP:9

2009/08/17 19:10:54.1
 NEAR ISHIGAKIJIMA ISLAND
 Hypo.:23°16.6'N 123°40.2'E 42km



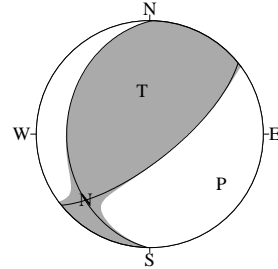
Cent.:22°57.6'N 123°38.7'E 10km $\Delta t = 0.9$
 Mo: $2.16 \times 10^{18} \text{N}\cdot\text{m}$ Mw:6.2 Mj:6.6 (sec)
 mrr:-0.98 mtt: 1.88 mff:-0.90
 mrt:-0.78 mrf:-1.14 mtf: 0.35 ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 49° 72°-129° P-axis:-2.11 277° 47°
 NP2:298° 43° -27° T-axis: 2.22 167° 18°
 N-axis:-0.11 63° 37°
 V.R.: 58% ϵ : 0.05 N:4 COMP:8

2009/08/18 22:17:35.9
 NEAR ISHIGAKIJIMA ISLAND
 Hypo.:23°22.2'N 123°33.2'E 44km



Cent.:23°42.7'N 123°33.7'E 31km $\Delta t = 1.6$
 Mo: $2.60 \times 10^{17} \text{N}\cdot\text{m}$ Mw:5.5 Mj:5.9 (sec)
 mrr:-1.96 mtt: 2.50 mff:-0.54
 mrt: 0.96 mrf: 0.77 mtf: 0.68 ($\times 10^{17} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 97° 35° -60° P-axis:-2.40 112° 69°
 NP2:242° 60°-109° T-axis: 2.90 346° 13°
 N-axis:-0.50 252° 17°
 V.R.: 55% ϵ : 0.18 N:4 COMP:6

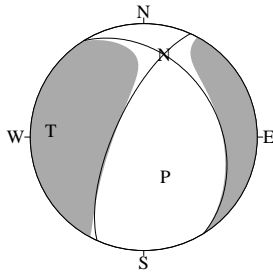
2009/08/22 22:18:37.8
 KURILE ISLANDS REGION
 Hypo.:45°32.1'N 150° 6.9'E 184km



Cent.:45°32.2'N 150°11.8'E 170km $\Delta t = 0.8$
 Mo: $2.86 \times 10^{16} \text{N}\cdot\text{m}$ Mw:4.9 Mj:5.2 (sec)
 mrr: 1.58 mtt:-0.02 mff:-1.56
 mrt: 1.83 mrf: 1.12 mtf:-1.06 ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 51° 71° 111° P-axis:-2.91 125° 24°
 NP2:181° 28° 43° T-axis: 2.82 350° 58°
 N-axis: 0.09 224° 20°
 V.R.: 59% ϵ :-0.03 N:8 COMP:10

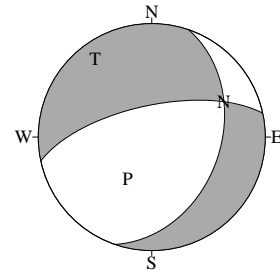
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/08/24 14:26:16.6
 TSUGARU PENINSULA REGION
 Hypo.:41° 3.6'N 140°14.6'E 172km



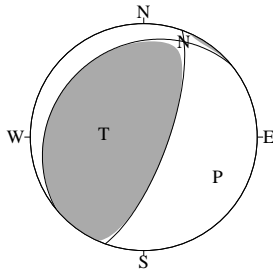
Cent.:40°58.2'N 140°14.6'E 172km $\Delta t = 2.5$
 Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.4 (sec)
 mrr:-0.68 mtt:-0.35 mff: 1.03
 mrt: 0.44 mrf: 0.65 mtf:-0.05 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:328° 34° -141° P-axis:-1.10 152° 57°
 NP2:204° 69° -62° T-axis: 1.30 274° 19°
 N-axis:-0.10 14° 26°
 V.R.: 80% ϵ : 0.09 N:16 COMP:28

2009/08/28 05:10:35.3
 FAR SE OFF KURILE ISL
 Hypo.:45°39.9'N 153°30.1'E 30km



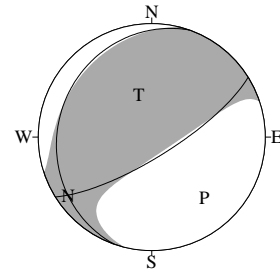
Cent.:45°25.4'N 153°37.5'E 10km $\Delta t = -0.3$
 Mo: 8.94×10^{16} N·m Mw:5.2 Mj:5.8 (sec)
 mrr:-5.36 mtt: 3.30 mff: 2.06
 mrt: 5.55 mrf:-0.71 mtf: 5.17 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 19° 39° -142° P-axis:-8.94 210° 55°
 NP2:258° 67° -57° T-axis: 8.94 324° 16°
 N-axis:-0.01 64° 30°
 V.R.: 40% ϵ : 0.00 N:8 COMP:12

2009/09/03 22:26:17.9
 SATSUMA PENINSULA REGION
 Hypo.:31° 7.5'N 130°18.0'E 167km



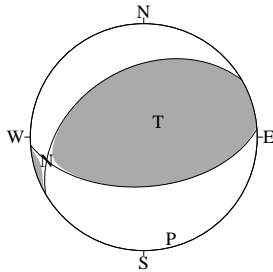
Cent.:31° 6.0'N 130°16.8'E 170km $\Delta t = 6.3$
 Mo: 2.28×10^{18} N·m Mw:6.2 Mj:6.0 (sec)
 mrr: 1.31 mtt:-0.43 mff:-0.88
 mrt: 0.50 mrf: 1.78 mtf:-0.68 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 73° 80° P-axis:-2.26 118° 27°
 NP2:231° 20° 119° T-axis: 2.31 275° 61°
 N-axis:-0.04 23° 10°
 V.R.: 68% ϵ : 0.02 N:23 COMP:53

2009/09/10 11:46:46.3
 FAR FIELD
 Hypo.:48° 4.4'N 155° 9.3'E 30km



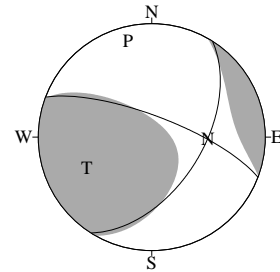
Cent.:47°37.7'N 155° 9.9'E 48km $\Delta t = 7.1$
 Mo: 1.30×10^{18} N·m Mw:6.0 Mj:6.1 (sec)
 mrr: 0.54 mtt:-0.23 mff:-0.31
 mrt: 0.96 mrf: 0.58 mtf:-0.51 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 58° 76° 101° P-axis:-1.39 139° 30°
 NP2:199° 18° 53° T-axis: 1.21 343° 58°
 N-axis: 0.18 235° 11°
 V.R.: 75% ϵ : -0.13 N:9 COMP:19

2009/09/11 17:49: 7.6
 FAR FIELD
 Hypo.:48° 8.4'N 155° 4.2'E 30km



Cent.:47° 0.6'N 155°11.2'E 39km $\Delta t = 8.4$
 Mo: 2.60×10^{17} N·m Mw:5.5 Mj:5.7 (sec)
 mrr: 2.35 mtt:-2.23 mff:-0.12
 mrt: 0.79 mrf:-0.37 mtf:-0.72 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 86° 54° 106° P-axis:-2.50 165° 8°
 NP2:240° 39° 69° T-axis: 2.60 44° 75°
 N-axis: 0.00 256° 13°
 V.R.: 70% ϵ : 0.01 N:7 COMP:19

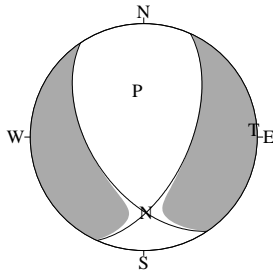
2009/09/12 05:57:29.8
 IOTO ISLANDS REGION
 Hypo.:23°52.1'N 142°43.1'E 145km



Cent.:23°49.9'N 142°49.5'E 100km $\Delta t = 0.3$
 Mo: 8.15×10^{16} N·m Mw:5.2 Mj:5.3 (sec)
 mrr: 1.95 mtt:-5.48 mff: 3.54
 mrt:-3.42 mrf: 4.37 mtf:-3.84 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 32° 53° 19° P-axis:-7.31 346° 14°
 NP2:291° 75° 142° T-axis: 9.00 245° 37°
 N-axis:-1.69 92° 49°
 V.R.: 55% ϵ : 0.19 N:17 COMP:35

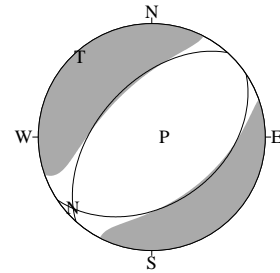
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/09/23 07:59:34.3
 W OFF OGASAWARA
 Hypo.:27°18.5'N 140°40.8'E 429km



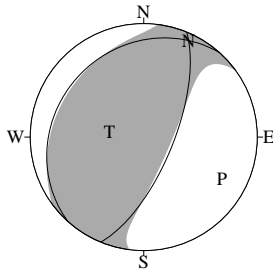
Cent.:27°24.3'N 140°38.4'E 435km $\Delta t = 2.3$
 Mo: 8.56×10^{16} N·m Mw:5.2 Mj:5.7 (sec)
 mrr:-5.87 mtt:-2.72 mff: 8.59
 mrt:-3.67 mrf:-1.04 mtf:-0.94 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 24° 57° -49° P-axis:-8.40 352° 56°
 NP2:146° 51° -135° T-axis: 8.71 86° 3°
 N-axis:-0.31 178° 34°
 V.R.: 71% ϵ : 0.04 N:13 COMP:17

2009/09/29 04:22:56.2
 NW OFF OKINAWAJIMA IS
 Hypo.:27°52.1'N 127°51.4'E 13km



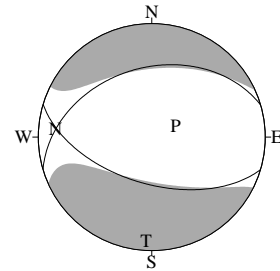
Cent.:27°42.1'N 127°52.6'E 10km $\Delta t = 7.3$
 Mo: 6.40×10^{17} N·m Mw:5.8 Mj:6.1 (sec)
 mrr:-5.71 mtt: 3.38 mff: 2.33
 mrt: 0.54 mrf: 1.29 mtf: 3.89 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 56° 40° -79° P-axis:-5.90 87° 81°
 NP2:222° 51° -99° T-axis: 6.90 318° 6°
 N-axis:-1.00 228° 7°
 V.R.: 61% ϵ : 0.14 N:7 COMP:19

2009/10/04 02:36: 6.1
 TAIWAN REGION
 Hypo.:23°36.6'N 121°35.6'E 74km



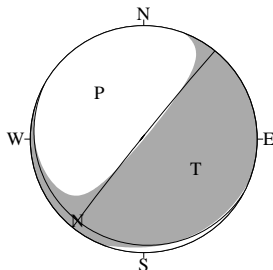
Cent.:23°26.2'N 121°35.1'E 28km $\Delta t = 4.9$
 Mo: 1.02×10^{18} N·m Mw:5.9 Mj:6.3 (sec)
 mrr: 0.62 mtt:-0.09 mff:-0.53
 mrt: 0.26 mrf: 0.70 mtf:-0.40 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 69° 83° P-axis:-1.08 118° 23°
 NP2:222° 22° 109° T-axis: 0.95 279° 65°
 N-axis: 0.13 25° 7°
 V.R.: 67% ϵ :-0.12 N:3 COMP:7

2009/10/10 17:42:48.4
 E OFF AOMORI PREF
 Hypo.:41°43.2'N 142°13.5'E 92km



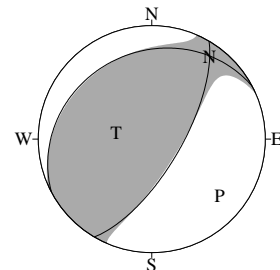
Cent.:41°42.7'N 142°13.5'E 73km $\Delta t = 2.3$
 Mo: 3.80×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr:-3.06 mtt: 3.95 mff:-0.89
 mrt:-1.12 mrf: 0.82 mtf:-0.09 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:107° 56° -70° P-axis:-3.47 65° 71°
 NP2:254° 39° -117° T-axis: 4.13 183° 9°
 N-axis:-0.66 275° 16°
 V.R.: 76% ϵ : 0.16 N:6 COMP:12

2009/10/11 06:24:41.4
 KURILE ISLANDS REGION
 Hypo.:46°32.2'N 153°13.7'E 144km



Cent.:46°42.7'N 153°17.5'E 148km $\Delta t = 3.2$
 Mo: 1.13×10^{18} N·m Mw:6.0 Mj:5.9 (sec)
 mrr: 0.00 mtt:-0.13 mff: 0.13
 mrt:-0.72 mrf:-0.86 mtf:-0.15 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:118° 8° 169° P-axis:-1.20 316° 43°
 NP2:219° 88° 82° T-axis: 1.07 120° 46°
 N-axis: 0.12 219° 8°
 V.R.: 63% ϵ :-0.10 N:9 COMP:19

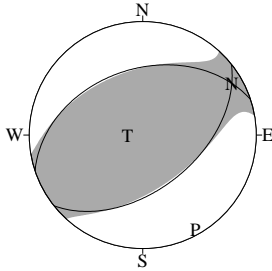
2009/10/11 10:12:14.4
 E OFF HOKKAIDO
 Hypo.:43° 0.2'N 146°58.5'E 50km



Cent.:42°59.5'N 146°59.5'E 32km $\Delta t = 0.9$
 Mo: 4.95×10^{16} N·m Mw:5.1 Mj:5.4 (sec)
 mrr: 3.09 mtt:-1.55 mff:-1.54
 mrt: 1.57 mrf: 3.25 mtf:-2.12 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 30° 69° 78° P-axis:-5.12 130° 23°
 NP2:242° 24° 119° T-axis: 4.79 280° 64°
 N-axis: 0.33 35° 12°
 V.R.: 59% ϵ :-0.06 N:12 COMP:16

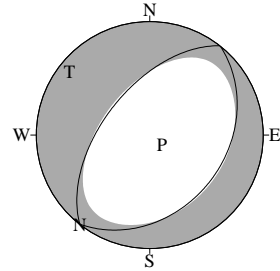
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/10/13 19:15: 9.9
SE OFF ETOROFU
Hypo.:44°43.3'N 149°26.6'E 30km



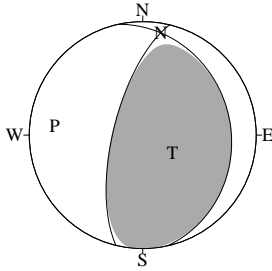
Cent.:44° 4.6'N 149°25.2'E 36km $\Delta t = 9.6$
Mo: 3.30×10^{17} N·m Mw:5.6 Mj:5.3 (sec)
mrr: 3.06 mtt:-2.57 mff:-0.48
mrt: 0.23 mrf: 0.70 mtf:-1.63 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 51° 51° 77° P-axis:-3.50 151° 5°
NP2:252° 41° 105° T-axis: 3.20 266° 79°
N-axis: 0.30 60° 10°
V.R.: 80% ϵ :-0.09 N:11 COMP:15

2009/10/23 10:28:26.9
E OFF IBARAKI PREF
Hypo.:36°36.1'N 141°10.5'E 45km



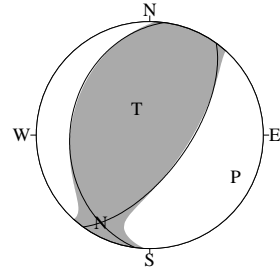
Cent.:36°36.3'N 141°11.9'E 45km $\Delta t = 0.7$
Mo: 2.46×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr:-2.39 mtt: 0.98 mff: 1.42
mrt: 0.59 mrf: 0.76 mtf: 0.92 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 38° 34° -90° P-axis:-2.59 128° 79°
NP2:218° 56° -90° T-axis: 2.34 308° 11°
N-axis: 0.25 218° 0°
V.R.: 64% ϵ :-0.10 N:11 COMP:19

2009/10/27 08:50:17.8
SOUTHERN SEA OF OKHOTSK
Hypo.:47°19.1'N 145°15.9'E 497km



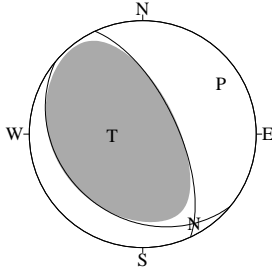
Cent.:47°18.8'N 145°12.6'E 477km $\Delta t = 7.2$
Mo: 1.20×10^{17} N·m Mw:5.3 Mj:5.2 (sec)
mrr: 0.79 mtt: 0.01 mff:-0.80
mrt:-0.28 mrf:-0.80 mtf: 0.00 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:347° 23° 66° P-axis:-1.10 276° 23°
NP2:194° 69° 100° T-axis: 1.20 121° 65°
N-axis: 0.00 10° 9°
V.R.: 67% ϵ : 0.03 N:12 COMP:16

2009/10/30 16:03:38.9
NEAR AMAMI-OSHIMA ISLAND
Hypo.:29°10.0'N 129°56.2'E 60km



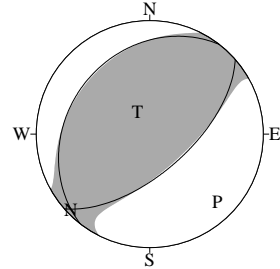
Cent.:29° 1.3'N 129°58.8'E 35km $\Delta t = 5.0$
Mo: 1.92×10^{19} N·m Mw:6.8 Mj:6.8 (sec)
mrr: 1.46 mtt:-0.06 mff:-1.41
mrt: 0.77 mrf: 0.77 mtf:-0.67 ($\times 10^{19}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 36° 63° 104° P-axis:-1.98 116° 17°
NP2:187° 30° 65° T-axis: 1.86 334° 69°
N-axis: 0.12 209° 12°
V.R.: 70% ϵ :-0.06 N:13 COMP:31

2009/11/04 03:03:53.7
W OFF OGASAWARA
Hypo.:26°18.0'N 141° 2.9'E 33km



Cent.:26°15.5'N 141° 5.7'E 102km $\Delta t = 6.0$
Mo: 1.10×10^{17} N·m Mw:5.3 Mj:5.6 (sec)
mrr: 0.83 mtt:-0.33 mff:-0.50
mrt:-0.19 mrf: 0.66 mtf: 0.38 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1:335° 65° 101° P-axis:-1.00 57° 19°
NP2:130° 27° 67° T-axis: 1.10 267° 68°
N-axis:-0.10 150° 10°
V.R.: 63% ϵ : 0.07 N:14 COMP:24

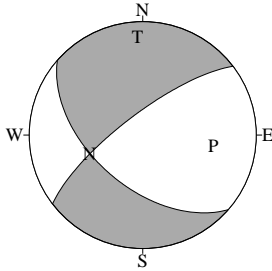
2009/11/24 14:25:44.4
E OFF HOKKAIDO
Hypo.:43°17.5'N 146°57.4'E 53km



Cent.:43°17.2'N 146°58.0'E 62km $\Delta t = 0.8$
Mo: 2.81×10^{16} N·m Mw:4.9 Mj:5.0 (sec)
mrr: 2.20 mtt:-1.04 mff:-1.16
mrt: 1.26 mrf: 0.98 mtf:-1.33 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 49° 62° 95° P-axis:-2.92 135° 17°
NP2:218° 28° 80° T-axis: 2.71 331° 72°
N-axis: 0.21 226° 4°
V.R.: 68% ϵ :-0.07 N:10 COMP:16

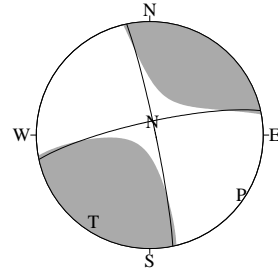
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/12/10 08:25:35.2
 OFF NEMURO PENINSULA
 Hypo.:42°59.7'N 146°56.6'E 54km



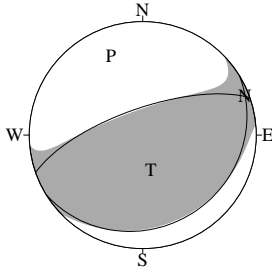
Cent.:43° 6.7'N 146°57.3'E 36km $\Delta t = 1.6$
 Mo: 5.51×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
 mrr:-1.70 mtt: 5.09 mff:-3.40
 mrt: 1.69 mrf: 2.68 mtf:-0.29 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:233° 75° -142° P-axis:-5.51 99° 37°
 NP2:131° 53° -19° T-axis: 5.51 357° 14°
 N-axis: 0.00 251° 49°
 V.R.: 69% ϵ : 0.00 N:9 COMP:17

2009/12/17 23:45:24.5
 E OFF IZU PENINSULA
 Hypo.:34°57.5'N 139° 8.1'E 4km



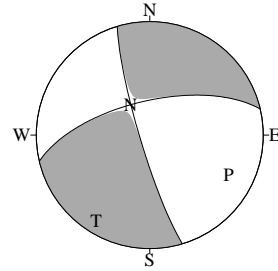
Cent.:34°57.6'N 139° 8.7'E 10km $\Delta t = 3.3$
 Mo: 2.17×10^{16} N·m Mw:4.8 Mj:5.0 (sec)
 mrr:-0.23 mtt: 0.98 mff:-0.75
 mrt:-0.30 mrf: 0.33 mtf:-1.94 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:258° 80° 176° P-axis:-2.02 123° 4°
 NP2:348° 86° 10° T-axis: 2.32 213° 10°
 N-axis:-0.30 11° 80°
 V.R.: 70% ϵ : 0.13 N:13 COMP:17

2009/12/18 05:41:29.9
 SOUTHERN TOCHIGI PREF
 Hypo.:36°20.0'N 139°43.1'E 78km



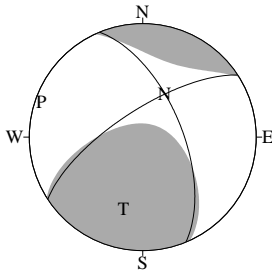
Cent.:36°24.4'N 139°43.8'E 67km $\Delta t = 2.3$
 Mo: 5.11×10^{16} N·m Mw:5.1 Mj:5.1 (sec)
 mrr: 2.96 mtt:-2.73 mff:-0.24
 mrt:-3.80 mrf:-1.24 mtf:-1.45 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 58° 20° 78° P-axis:-5.31 338° 26°
 NP2:251° 71° 94° T-axis: 4.91 167° 64°
 N-axis: 0.40 69° 4°
 V.R.: 70% ϵ :-0.08 N:13 COMP:21

2009/12/18 08:45:36.7
 E OFF IZU PENINSULA
 Hypo.:34°57.6'N 139° 7.7'E 5km



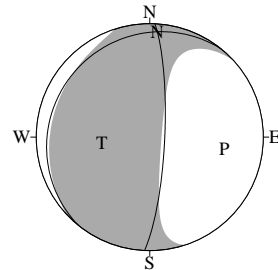
Cent.:35° 0.2'N 139° 8.4'E 10km $\Delta t = 4.5$
 Mo: 3.46×10^{16} N·m Mw:5.0 Mj:5.1 (sec)
 mrr:-0.39 mtt: 1.75 mff:-1.36
 mrt:-0.04 mrf: 1.45 mtf:-2.71 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:257° 65° -172° P-axis:-3.44 117° 23°
 NP2:163° 83° -25° T-axis: 3.48 212° 12°
 N-axis:-0.03 328° 64°
 V.R.: 64% ϵ : 0.01 N:14 COMP:22

2009/12/18 20:48:32.7
 E OFF HACHIJOJIMA ISLAND
 Hypo.:33°42.1'N 141°18.0'E 63km



Cent.:33°31.8'N 141°19.6'E 29km $\Delta t = -0.1$
 Mo: 6.02×10^{16} N·m Mw:5.1 Mj:5.2 (sec)
 mrr: 1.20 mtt: 3.33 mff:-4.54
 mrt:-3.76 mrf: 0.57 mtf:-2.56 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:237° 71° 150° P-axis:-5.35 289° 6°
 NP2:338° 62° 22° T-axis: 6.69 195° 35°
 N-axis:-1.34 27° 55°
 V.R.: 67% ϵ : 0.20 N:15 COMP:25

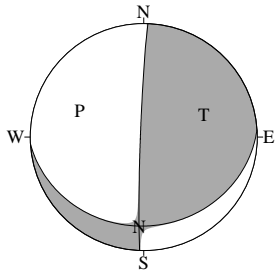
2009/12/19 22:02:15.5
 TAIWAN REGION
 Hypo.:23°46.6'N 121°38.8'E 32km



Cent.:23°33.9'N 121°39.2'E 31km $\Delta t = 5.3$
 Mo: 6.09×10^{18} N·m Mw:6.5 Mj:6.7 (sec)
 mrr: 1.71 mtt: 0.93 mff:-2.64
 mrt: 0.31 mrf: 5.60 mtf:-1.02 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 3° 79° 82° P-axis:-6.61 99° 34°
 NP2:219° 13° 126° T-axis: 5.57 263° 55°
 N-axis: 1.04 4° 8°
 V.R.: 83% ϵ :-0.16 N:4 COMP:10

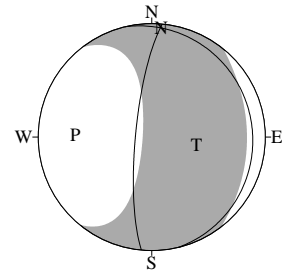
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2009/12/24 09:23:35.5
 SEA OF JAPAN
 Hypo.:42° 7.0'N 135° 2.8'E 387km



Cent.:42° 6.1'N 135° 3.1'E 409km $\Delta t = 1.3$
 $M_0: 3.72 \times 10^{18} \text{N}\cdot\text{m}$ $M_w: 6.3$ $M_j: 6.1$ (sec)
 $mrr: 0.28$ $mtt: -0.08$ $mff: -0.20$
 $mrt: -0.08$ $mrf: -3.42$ $mtf: -1.43$ ($\times 10^{18} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 86° 23° 174° P-axis: -3.73 292° 39°
 NP2: 182° 88° 68° T-axis: 3.71 70° 43°
 N-axis: 0.02 183° 22°
 V.R.: 76% $\epsilon: -0.01$ N:18 COMP:36

2009/12/28 09:12:49.4
 KUSHIRO REGION
 Hypo.:43°10.4'N 144°38.6'E 85km



Cent.:43° 7.5'N 144°38.7'E 85km $\Delta t = -0.1$
 $M_0: 3.11 \times 10^{16} \text{N}\cdot\text{m}$ $M_w: 4.9$ $M_j: 5.0$ (sec)
 $mrr: 0.67$ $mtt: 1.16$ $mff: -1.82$
 $mrt: -0.19$ $mrf: -2.84$ $mtf: -0.04$ ($\times 10^{16} \text{N}\cdot\text{m}$)
 STR DIP SLIP MOM AZM PLG
 NP1: 346° 12° 71° P-axis: -3.69 272° 33°
 NP2: 185° 78° 94° T-axis: 2.54 100° 57°
 N-axis: 1.15 5° 4°
 V.R.: 87% $\epsilon: -0.31$ N:9 COMP:15

EQUAL AREA PROJECTON, LOWER HEMISPHERE.