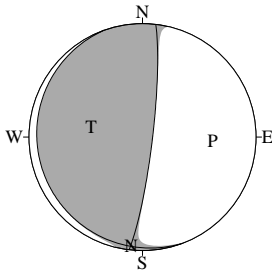


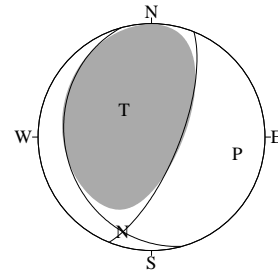
CMT SOLUTIONS FOR EARTHQUAKES IN 1995

1995/01/01 15:59:55.7
 FAR E OFF SANRIKU
 Hypo.:40°36.3'N 143°50.4'E 0km



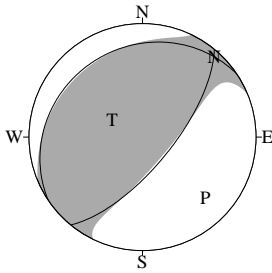
Cent.:40°27.9'N 143°47.3'E 10km $\Delta t=11.5$
 Mo: 2.85×10^{18} N·m Mw:6.2 Mj:6.4 (sec)
 mrr: 0.68 mtt: 0.08 mff:-0.76
 mrt: 0.34 mrf: 2.73 mtf: 0.08 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 7° 83° 94° P-axis:-2.87 93° 38°
 NP2:160° 8° 63° T-axis: 2.82 281° 52°
 N-axis: 0.05 186° 4°
 V.R.: 21% ϵ :-0.02 N:9 COMP:21

1995/01/07 07:37:37.1
 NE OFF IWATE PREF
 Hypo.:40°13.4'N 142°18.3'E 48km



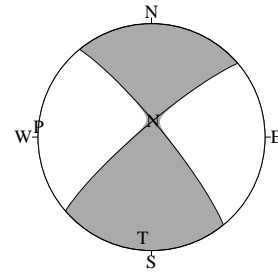
Cent.:40°22.0'N 142°22.5'E 45km $\Delta t= 6.8$
 Mo: 3.27×10^{19} N·m Mw:6.9 Mj:7.2 (sec)
 mrr: 2.19 mtt:-0.03 mff:-2.15
 mrt: 1.29 mrf: 2.10 mtf: 0.00 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 70° 105° P-axis:-3.08 101° 24°
 NP2:164° 25° 55° T-axis: 3.45 315° 62°
 N-axis:-0.37 197° 14°
 V.R.: 41% ϵ : 0.11 N:6 COMP:13

1995/01/10 03:00:18.0
 FAR E OFF IBARAKI PREF
 Hypo.:35°56.2'N 141°25.6'E 43km



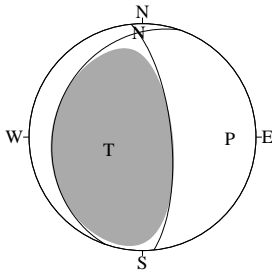
Cent.:35°30.8'N 141°24.7'E 35km $\Delta t= 0.6$
 Mo: 9.20×10^{17} N·m Mw:5.9 Mj:6.2 (sec)
 mrr: 5.66 mtt:-3.06 mff:-2.60
 mrt: 4.14 mrf: 5.42 mtf:-3.80 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 39° 69° 84° P-axis:-9.60 134° 24°
 NP2:236° 22° 106° T-axis: 8.80 299° 65°
 N-axis: 0.90 42° 6°
 V.R.: 23% ϵ :-0.09 N:5 COMP:15

1995/01/17 05:46:51.8
 AWAJISHIMA ISLAND REGION
 Hypo.:34°35.9'N 135° 2.1'E 16km



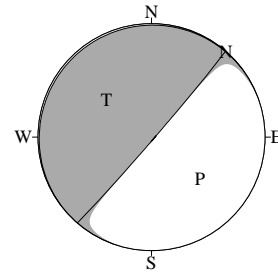
Cent.:34°32.7'N 135° 2.8'E 16km $\Delta t=11.8$
 Mo: 3.09×10^{19} N·m Mw:6.9 Mj:7.3 (sec)
 mrr: 0.15 mtt: 2.90 mff:-3.05
 mrt:-0.61 mrf: 0.05 mtf:-0.53 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:229° 82° 172° P-axis:-3.10 275° 0°
 NP2:321° 82° 8° T-axis: 3.08 185° 12°
 N-axis: 0.02 6° 78°
 V.R.: 36% ϵ :-0.01 N:7 COMP:19

1995/04/01 12:49:34.7
 NE NIIGATA PREF
 Hypo.:37°53.4'N 139°14.8'E 16km



Cent.:37°54.9'N 139°18.7'E 17km $\Delta t= 1.9$
 Mo: 3.50×10^{17} N·m Mw:5.6 Mj:5.6 (sec)
 mrr: 2.42 mtt:-0.16 mff:-2.26
 mrt:-0.52 mrf: 2.57 mtf:-0.31 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:354° 69° 81° P-axis:-3.40 91° 24°
 NP2:199° 23° 113° T-axis: 3.70 249° 64°
 N-axis:-0.30 358° 9°
 V.R.: 37% ϵ : 0.07 N:4 COMP:12

1995/04/18 08:28: 6.7
 KURILE ISLANDS REGION
 Hypo.:46° 8.0'N 151°50.0'E 59km

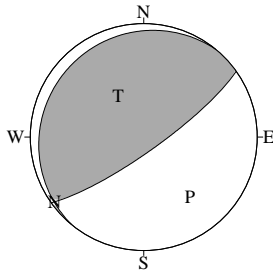


Cent.:45°45.1'N 151° 1.4'E 15km $\Delta t= 4.8$
 Mo: 8.95×10^{19} N·m Mw:7.2 Mj:7.2 (sec)
 mrr: 0.47 mtt:-0.23 mff:-0.24
 mrt: 5.84 mrf: 6.76 mtf:-0.46 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 41° 88° 90° P-axis:-9.06 131° 43°
 NP2:233° 2° 102° T-axis: 8.84 310° 47°
 N-axis: 0.22 41° 0°
 V.R.: 48% ϵ :-0.02 N:5 COMP:14

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

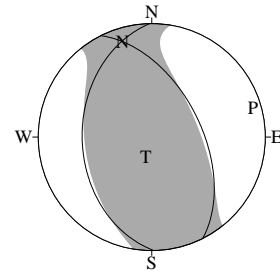
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
 Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
 mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
 MOM,AZM,PLG: Moment tensor component, azimuth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

1995/04/29 01:30: 0.8
 E OFF HOKKAIDO
 Hypo.: 43°42.6'N 147°52.9'E 3km



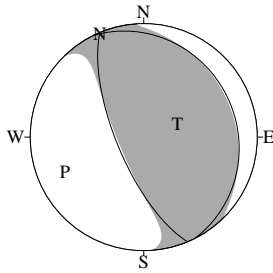
Cent.: 43°46.0'N 148°22.8'E 24km $\Delta t=10.5$
 Mo: 7.57×10^{19} N·m Mw:7.2 Mj:6.7 (sec)
 mrr: 2.73 mtt:-1.46 mff:-1.27
 mrt: 5.79 mrf: 4.03 mtf:-1.40 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 55° 79° 93° P-axis: -7.57 142° 34°
 NP2: 219° 11° 75° T-axis: 7.58 328° 55°
 N-axis: -0.01 234° 3°
 V.R.: 44% ϵ : 0.00 N:5 COMP:15

1995/05/23 19:01:28.9
 KAMIKAWA-SORACHI REGION
 Hypo.: 43°38.5'N 141°42.9'E 16km



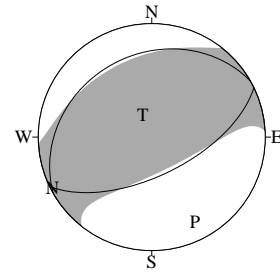
Cent.: 43°58.5'N 141°43.6'E 32km $\Delta t=-3.0$
 Mo: 6.20×10^{17} N·m Mw:5.8 Mj:5.9 (sec)
 mrr: 5.18 mtt: 0.81 mff:-5.98
 mrt:-1.39 mrf: 1.36 mtf: 1.89 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 333° 54° 74° P-axis: -6.70 74° 8°
 NP2: 179° 39° 111° T-axis: 5.60 196° 75°
 N-axis: 1.10 343° 13°
 V.R.: 24% ϵ : -0.16 N:4 COMP:11

1995/07/08 06:15:15.0
 SE OFF KII PENINSULA
 Hypo.: 33°53.0'N 137°24.4'E 384km



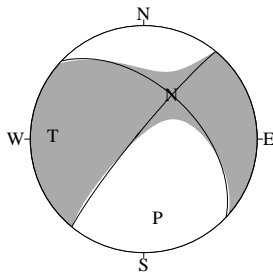
Cent.: 34° 1.4'N 137°16.8'E 345km $\Delta t=10.4$
 Mo: 1.01×10^{18} N·m Mw:5.9 Mj:5.8 (sec)
 mrr: 0.59 mtt:-0.04 mff:-0.55
 mrt: 0.30 mrf:-0.73 mtf: 0.29 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 334° 20° 87° P-axis: -1.06 246° 25°
 NP2: 157° 71° 91° T-axis: 0.97 69° 64°
 N-axis: 0.09 337° 1°
 V.R.: 66% ϵ : -0.08 N:7 COMP:21

1995/07/30 03:24: 0.1
 SOUTHERN IBARAKI PREF
 Hypo.: 35°54.1'N 140°35.1'E 43km



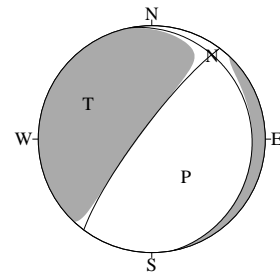
Cent.: 35°45.9'N 140°35.7'E 45km $\Delta t= 8.0$
 Mo: 1.30×10^{17} N·m Mw:5.3 Mj:5.3 (sec)
 mrr: 0.95 mtt:-0.89 mff:-0.06
 mrt: 0.66 mrf: 0.31 mtf:-0.59 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 64° 62° 92° P-axis: -1.40 153° 17°
 NP2: 240° 28° 87° T-axis: 1.20 338° 73°
 N-axis: 0.20 243° 2°
 V.R.: 40% ϵ : -0.17 N:4 COMP:12

1995/10/06 21:43:40.6
 NEAR NIIJIMA ISLAND
 Hypo.: 34° 9.1'N 139° 6.2'E 9km



Cent.: 34° 9.0'N 139° 6.2'E 9km $\Delta t= 0.0$
 Mo: 2.90×10^{17} N·m Mw:5.6 Mj:5.9 (sec)
 mrr: -0.20 mtt:-2.13 mff: 2.33
 mrt: 1.45 mrf: 1.09 mtf:-0.36 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 219° 85° -38° P-axis: -3.00 170° 30°
 NP2: 313° 53° -173° T-axis: 2.70 272° 21°
 N-axis: 0.30 32° 52°
 V.R.: 37% ϵ : -0.10 N:4 COMP:12

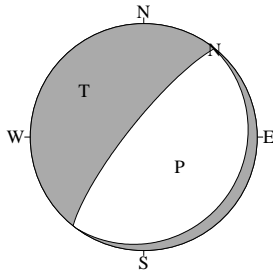
1995/10/18 19:37:23.2
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.: 28° 1.9'N 130°22.8'E 39km



Cent.: 27°58.4'N 130°15.2'E 14km $\Delta t=19.6$
 Mo: 1.13×10^{20} N·m Mw:7.3 Mj:6.9 (sec)
 mrr: -0.31 mtt:-0.08 mff: 0.39
 mrt: 0.65 mrf: 0.84 mtf: 0.14 ($\times 10^{20}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 348° 13° -138° P-axis: -1.11 138° 53°
 NP2: 217° 81° -80° T-axis: 1.15 299° 36°
 N-axis: -0.04 36° 10°
 V.R.: 27% ϵ : 0.04 N:14 COMP:42

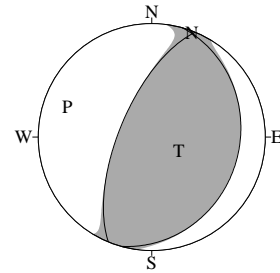
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

1995/10/19 11:41:33.0
 NEAR AMAMI-OSHIMA ISLAND
 Hypo.:28° 1.1'N 130°26.3'E 21km



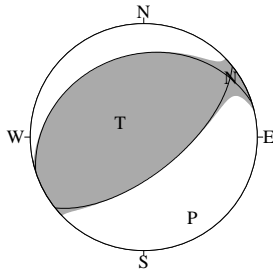
Cent.:28° 6.4'N 130°33.1'E 16km $\Delta t=14.3$
 Mo: 3.07×10^{19} N·m Mw:6.9 Mj:6.7 (sec)
 mrr:-1.15 mtt: 0.42 mff: 0.74
 mrt: 1.78 mrf: 2.22 mtf: 0.56 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 35° 11° -93° P-axis:-3.07 130° 56°
 NP2:219° 79° -89° T-axis: 3.07 308° 34°
 N-axis: 0.00 39° 1°
 V.R.: 36% ϵ : 0.00 N:12 COMP:36

1995/12/01 00:09:23.3
 NEAR KUNASHIRI ISLAND
 Hypo.:44° 9.0'N 145°46.6'E 147km



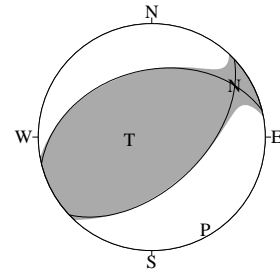
Cent.:43°56.5'N 145°56.0'E 138km $\Delta t=-1.8$
 Mo: 1.41×10^{18} N·m Mw:6.0 Mj:6.0 (sec)
 mrr: 1.01 mtt:-0.07 mff:-0.93
 mrt:-0.39 mrf:-0.88 mtf:-0.34 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 16° 24° 84° P-axis:-1.43 290° 22°
 NP2:202° 67° 93° T-axis: 1.39 117° 68°
 N-axis: 0.04 21° 2°
 V.R.: 53% ϵ :-0.03 N:5 COMP:15

1995/12/03 02:13:13.5
 SE OFF ETOROFU
 Hypo.:44°21.1'N 150°19.7'E 58km



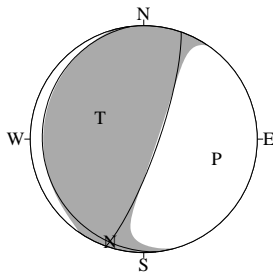
Cent.:43°38.3'N 149°20.3'E 10km $\Delta t=21.6$
 Mo: 1.08×10^{19} N·m Mw:6.6 Mj:6.8 (sec)
 mrr: 0.83 mtt:-0.67 mff:-0.15
 mrt: 0.46 mrf: 0.46 mtf:-0.40 ($\times 10^{19}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 52° 64° 81° P-axis:-1.09 149° 18°
 NP2:252° 28° 108° T-axis: 1.06 302° 70°
 N-axis: 0.03 56° 8°
 V.R.: 39% ϵ :-0.03 N:5 COMP:15

1995/12/04 03:01: 4.0
 SE OFF ETOROFU
 Hypo.:44°33.5'N 150° 7.7'E 57km



Cent.:44°20.6'N 149°29.6'E 10km $\Delta t=37.1$
 Mo: 1.52×10^{20} N·m Mw:7.4 Mj:7.3 (sec)
 mrr: 1.35 mtt:-1.13 mff:-0.22
 mrt: 0.11 mrf: 0.47 mtf:-0.71 ($\times 10^{20}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 47° 53° 71° P-axis:-1.55 150° 6°
 NP2:257° 41° 113° T-axis: 1.48 262° 74°
 N-axis: 0.07 58° 15°
 V.R.: 42% ϵ :-0.05 N:5 COMP:15

1995/12/30 21:11: 4.8
 FAR E OFF SANRIKU
 Hypo.:40°42.0'N 143°45.1'E 0km



Cent.:40°44.8'N 143°44.2'E 10km $\Delta t= 6.1$
 Mo: 3.62×10^{18} N·m Mw:6.3 Mj:6.5 (sec)
 mrr: 1.15 mtt: 0.29 mff:-1.45
 mrt: 1.13 mrf: 3.17 mtf:-0.29 ($\times 10^{18}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 19° 79° 95° P-axis:-3.76 105° 34°
 NP2:174° 12° 65° T-axis: 3.48 296° 55°
 N-axis: 0.28 198° 5°
 V.R.: 43% ϵ :-0.08 N:5 COMP:15

EQUAL AREA PROJECTON, LOWER HEMISPHERE.