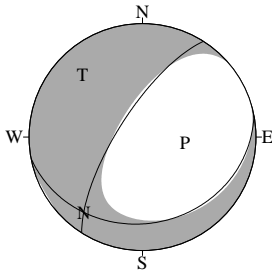


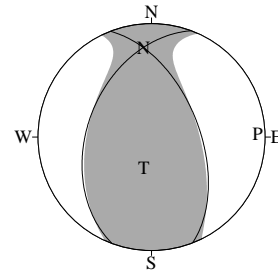
CMT SOLUTIONS FOR EARTHQUAKES IN MAY, 2017

2017/05/04 13:44:28.7
SE OFF OSUMI PEN
Hypo.:30°47.1'N 131°30.2'E 43km



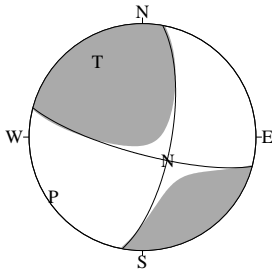
Cent.:30°46.4'N 131°30.1'E 21km $\Delta t = 0.7$
Mo: 1.84×10^{16} N·m Mw:4.8 Mj:4.4 (sec)
mrr:-1.11 mtt: 0.87 mff: 0.24
mrt: 0.54 mrf: 1.37 mtf: 0.51 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 79° 25° -46° P-axis: -1.97 98° 59°
NP2: 212° 72° -108° T-axis: 1.71 316° 25°
N-axis: 0.26 218° 17°
V.R.: 83% ϵ : -0.13 N:31 COMP:42

2017/05/06 23:23:16.4
E OFF HACHIJOJIMA ISLAND
Hypo.:33°16.2'N 140°47.3'E 57km



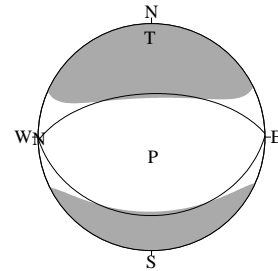
Cent.:33°23.2'N 140°47.7'E 63km $\Delta t = 4.4$
Mo: 2.36×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
mrr: 1.89 mtt: 0.54 mff: -2.43
mrt: -0.70 mrf: 0.49 mtf: 0.05 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 339° 55° 63° P-axis: -2.49 88° 7°
NP2: 201° 43° 123° T-axis: 2.22 194° 67°
N-axis: 0.27 355° 22°
V.R.: 87% ϵ : -0.11 N:43 COMP:79

2017/05/09 10:54:15.2
NEAR MIYAKOJIMA ISLAND
Hypo.:24°22.6'N 126°19.5'E 79km



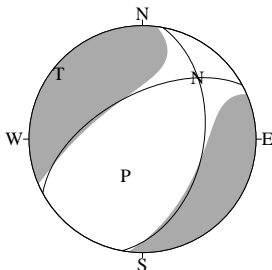
Cent.:24°16.3'N 126°19.3'E 20km $\Delta t = 5.5$
Mo: 1.68×10^{16} N·m Mw:6.1 Mj:6.4 (sec)
mrr: 0.14 mtt: 0.58 mff: -0.73
mrt: 0.68 mrf: 0.24 mtf: 1.37 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 10° 69° 167° P-axis: -1.60 236° 6°
NP2: 105° 78° 21° T-axis: 1.75 329° 24°
N-axis: -0.15 133° 65°
V.R.: 85% ϵ : 0.08 N:8 COMP:20

2017/05/11 20:21:25.1
NW KUMAMOTO PREF
Hypo.:32°44.0'N 130°36.2'E 13km



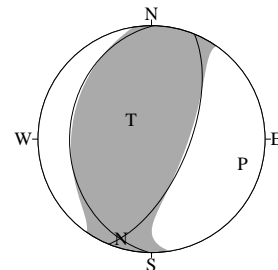
Cent.:32°44.0'N 130°36.3'E 13km $\Delta t = 0.4$
Mo: 4.81×10^{15} N·m Mw:4.4 Mj:4.4 (sec)
mrr: -3.75 mtt: 4.81 mff: -1.05
mrt: 2.20 mrf: 0.08 mtf: 0.13 ($\times 10^{15}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 89° 31° -89° P-axis: -4.29 176° 76°
NP2: 268° 59° -91° T-axis: 5.34 359° 14°
N-axis: -1.06 269° 1°
V.R.: 87% ϵ : 0.20 N:14 COMP:18

2017/05/15 16:05:37.0
NEAR AMAMI-OSHIMA ISLAND
Hypo.:27°15.5'N 130° 4.5'E 64km



Cent.:27° 3.6'N 130° 5.4'E 11km $\Delta t = 1.7$
Mo: 1.90×10^{17} N·m Mw:5.5 Mj:5.4 (sec)
mrr: -1.39 mtt: 0.31 mff: 1.08
mrt: 0.72 mrf: -0.01 mtf: 1.32 ($\times 10^{17}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 10° 45° -131° P-axis: -1.70 205° 61°
NP2: 242° 58° -56° T-axis: 2.10 308° 7°
N-axis: -0.40 42° 28°
V.R.: 83% ϵ : 0.17 N:11 COMP:21

2017/05/20 20:26:27.5
FAR E OFF SANRIKU
Hypo.:40° 1.0'N 143°32.8'E 16km

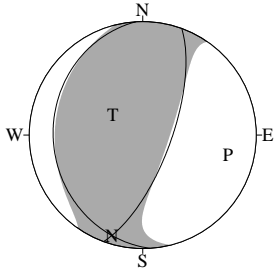


Cent.:39°55.5'N 143°32.7'E 20km $\Delta t = 9.7$
Mo: 1.85×10^{16} N·m Mw:4.8 Mj:4.8 (sec)
mrr: 1.37 mtt: 0.18 mff: -1.55
mrt: 0.49 mrf: 0.96 mtf: -0.41 ($\times 10^{16}$ N·m)
STR DIP SLIP MOM AZM PLG
NP1: 22° 63° 100° P-axis: -1.97 105° 18°
NP2: 181° 29° 71° T-axis: 1.74 313° 70°
N-axis: 0.23 197° 9°
V.R.: 74% ϵ : -0.12 N:37 COMP:67

EQUAL AREA PROJECTON, LOWER HEMISPHERE.

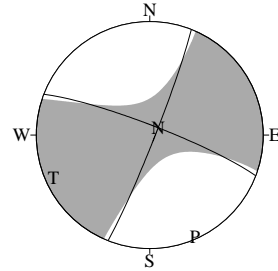
Hypo.:Location of hypocenter, Cent.:Location of centroid, Δt :Centroid time minus origin time
Mo:Total scalar moment, Mw:Moment Magnitude, Mj:JMA Magnitude
mrr,mtt,mff,mrt,mrf,mtf: Moment tensor components, STR,DIP,SLIP:Fault parameters of nodal plane
MOM,AZM,PLG: Moment tensor component, azimuth and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

2017/05/20 23:40:46.6
 FAR E OFF SANRIKU
 Hypo.:40° 1.3'N 143°32.7'E 14km



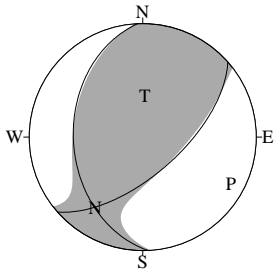
Cent.:39°52.8'N 143°32.1'E 18km $\Delta t = 9.7$
 Mo: 1.75×10^{16} N·m Mw:4.8 Mj:4.9 (sec)
 mrr: 1.02 mtt: 0.22 mff:-1.24
 mrt: 0.49 mrf: 1.21 mtf:-0.27 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 20° 70° 99° P-axis:-1.86 103° 24°
 NP2:177° 22° 68° T-axis: 1.63 304° 64°
 N-axis: 0.23 197° 8°
 V.R.: 73% ϵ :-0.12 N:38 COMP:70

2017/05/22 12:25:47.3
 NEAR NIJIMA ISLAND
 Hypo.:34°32.3'N 139°25.5'E 14km



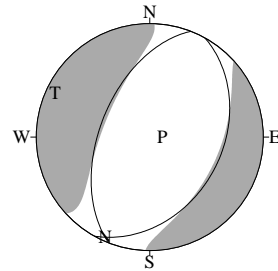
Cent.:34°32.4'N 139°25.3'E 14km $\Delta t = 3.4$
 Mo: 3.89×10^{15} N·m Mw:4.3 Mj:4.5 (sec)
 mrr: 0.70 mtt:-2.96 mff: 2.26
 mrt: 0.03 mrf: 0.43 mtf:-2.85 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 22° 86° 7° P-axis:-4.22 156° 2°
 NP2:291° 83° 176° T-axis: 3.57 246° 8°
 N-axis: 0.66 49° 82°
 V.R.: 86% ϵ :-0.16 N:28 COMP:31

2017/05/22 20:00:58.8
 E OFF HOKKAIDO
 Hypo.:43°38.8'N 147°37.9'E 35km



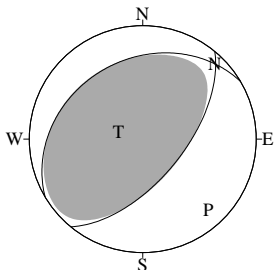
Cent.:43°30.3'N 147°38.1'E 55km $\Delta t = 4.8$
 Mo: 2.40×10^{17} N·m Mw:5.5 Mj:5.7 (sec)
 mrr: 1.66 mtt: 0.17 mff:-1.83
 mrt: 1.19 mrf: 0.52 mtf:-1.12 ($\times 10^{17}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 49° 63° 119° P-axis:-2.60 118° 13°
 NP2:178° 39° 46° T-axis: 2.30 3° 60°
 N-axis: 0.20 214° 26°
 V.R.: 84% ϵ :-0.10 N:13 COMP:28

2017/05/23 23:16:55.6
 SE OFF OSUMI PEN
 Hypo.:30°48.2'N 131°28.6'E 40km



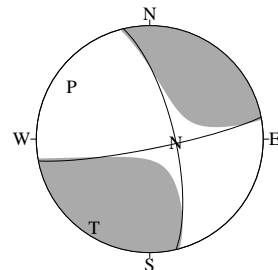
Cent.:30°48.3'N 131°28.7'E 30km $\Delta t = 0.5$
 Mo: 5.67×10^{15} N·m Mw:4.4 Mj:4.1 (sec)
 mrr:-4.90 mtt: 0.20 mff: 4.69
 mrt: 0.44 mrf: 1.62 mtf: 2.66 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 29° 37° -84° P-axis:-5.16 90° 81°
 NP2:201° 54° -95° T-axis: 6.18 295° 9°
 N-axis:-1.02 204° 4°
 V.R.: 83% ϵ : 0.16 N:8 COMP:10

2017/05/26 02:33:22.7
 S OFF URAKAWA
 Hypo.:42° 0.5'N 142°35.0'E 64km



Cent.:42° 0.6'N 142°34.9'E 64km $\Delta t = 0.4$
 Mo: 4.13×10^{15} N·m Mw:4.3 Mj:4.1 (sec)
 mrr: 3.55 mtt:-2.06 mff:-1.49
 mrt: 1.07 mrf: 1.93 mtf:-1.65 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 39° 61° 80° P-axis:-4.02 137° 16°
 NP2:239° 30° 107° T-axis: 4.25 286° 72°
 N-axis:-0.22 44° 9°
 V.R.: 79% ϵ : 0.05 N:7 COMP:10

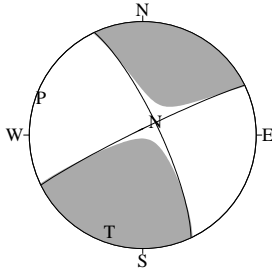
2017/05/27 20:59:38.8
 NORTHERN NAGANO PREF
 Hypo.:36°44.1'N 138°32.0'E 0km



Cent.:36°44.1'N 138°31.9'E 10km $\Delta t = 0.4$
 Mo: 5.95×10^{15} N·m Mw:4.4 Mj:4.4 (sec)
 mrr:-1.04 mtt: 2.92 mff:-1.87
 mrt:-1.56 mrf:-0.69 mtf:-5.13 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 79° 83° -162° P-axis:-5.59 304° 18°
 NP2:347° 72° -7° T-axis: 6.31 212° 8°
 N-axis:-0.72 99° 71°
 V.R.: 82% ϵ : 0.11 N:13 COMP:24

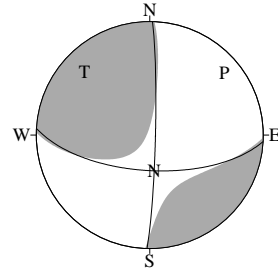
EQUAL AREA PROJECTON, LOWER HEMISPHERE.

2017/05/27 22:50: 3.9
 NW OFF KINKI DISTRICT
 Hypo.:36° 3.9'N 135°32.6'E 17km



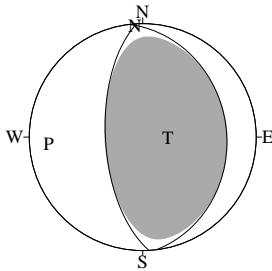
Cent.:35°58.7'N 135°32.5'E 12km $\Delta t = 6.2$
 Mo: 1.87×10^{16} N·m Mw:4.8 Mj:5.1 (sec)
 mrr:-0.04 mtt: 1.45 mff:-1.41
 mrt:-0.43 mrf:-0.03 mtf:-1.14 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:244° 86° 168° P-axis:-1.82 290° 5°
 NP2:335° 78° 4° T-axis: 1.93 199° 11°
 N-axis:-0.11 45° 77°
 V.R.: 77% ϵ : 0.06 N:30 COMP:54

2017/05/30 15:20:15.6
 NEAR MIYAKOJIMA ISLAND
 Hypo.:24°22.8'N 126°13.9'E 71km



Cent.:24°23.1'N 126°14.0'E 16km $\Delta t = 2.5$
 Mo: 5.98×10^{16} N·m Mw:5.1 Mj:5.3 (sec)
 mrr:-0.20 mtt: 0.43 mff:-0.23
 mrt: 0.91 mrf: 2.61 mtf: 5.33 ($\times 10^{16}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1: 1° 86° 154° P-axis:-5.58 50° 15°
 NP2: 93° 64° 4° T-axis: 6.37 314° 21°
 N-axis:-0.80 173° 64°
 V.R.: 88% ϵ : 0.12 N:10 COMP:17

2017/05/31 16:52: 1.1
 SOUTH SAKHALIN
 Hypo.:46°18.5'N 142°12.5'E 11km



Cent.:46°18.4'N 142° 9.8'E 11km $\Delta t = 0.5$
 Mo: 6.46×10^{15} N·m Mw:4.5 Mj:4.5 (sec)
 mrr: 5.36 mtt:-0.33 mff:-5.04
 mrt: 0.11 mrf:-3.81 mtf: 0.42 ($\times 10^{15}$ N·m)
 STR DIP SLIP MOM AZM PLG
 NP1:353° 27° 87° P-axis:-6.31 266° 18°
 NP2:177° 63° 92° T-axis: 6.61 91° 72°
 N-axis:-0.30 356° 2°
 V.R.: 73% ϵ : 0.05 N:8 COMP:10

EQUAL AREA PROJECTON, LOWER HEMISPHERE.