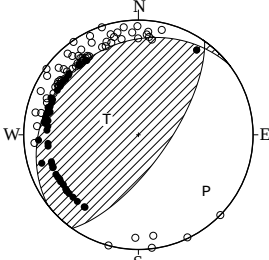


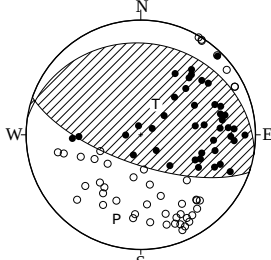
# NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2003

03 DEC. 2003 23:11:15.0  
SE OFF TOKACHI  
42°23.6'N 144°48.8'E  
H: 35KM M:5.6



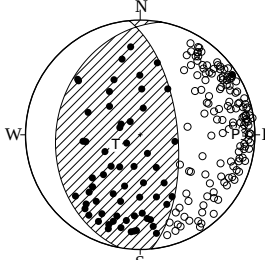
STR DIP SLIP AZM PLG  
NP1 232° 21' 106° P 130° 24'  
NP2 35° 69' 84° T 295° 65'  
N:118 SCORE 96% N 37° 6'

05 DEC. 2003 19:27:41.6  
KUSHIRO REGION  
42°59.0'N 143°48.2'E  
H: 85KM M:3.7



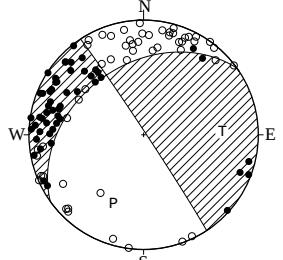
STR DIP SLIP AZM PLG  
NP1 278° 21' 80° P 196° 24'  
NP2 109° 69' 94° T 26° 66'  
N:86 SCORE 98% N 288° 4'

06 DEC. 2003 01:36:28.0  
SW IBARAKI PREF  
36°18.5'N 140°01.0'E  
H: 73KM M:3.5



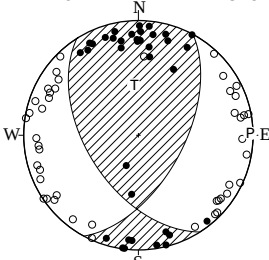
STR DIP SLIP AZM PLG  
NP1 191° 28' 104° P 90° 18'  
NP2 354° 63' 83° T 248° 71'  
N:202 SCORE 100% N 358° 7'

07 DEC. 2003 08:04:57.8  
NORTHERN SURUGA BAY REG  
34°53.5'N 138°44.8'E  
H: 8KM M:2.9



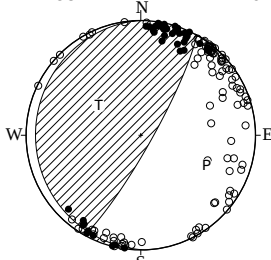
STR DIP SLIP AZM PLG  
NP1 234° 39' -3° P 204° 35'  
NP2 327° 88' -129° T 88° 32'  
N:104 SCORE 91% N 328° 39'

07 DEC. 2003 11:33:38.6  
NW KUMAMOTO PREF  
32°43.5'N 130°48.6'E  
H: 9KM M:3.5



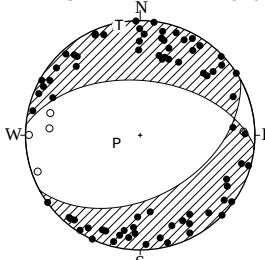
STR DIP SLIP AZM PLG  
NP1 148° 53' 42° P 89° 3'  
NP2 28° 58' 134° T 355° 54'  
N:81 SCORE 96% N 181° 36'

08 DEC. 2003 16:20:14.8  
E OFF AOMORI PREF  
41°11.3'N 142°03.2'E  
H: 58KM M:4.9



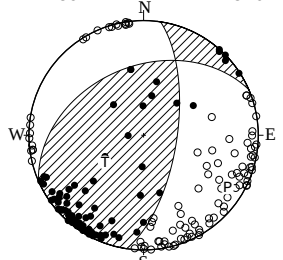
STR DIP SLIP AZM PLG  
NP1 178° 9' 59° P 115° 37'  
NP2 29° 82' 95° T 305° 53'  
N:145 SCORE 96% N 209° 5'

08 DEC. 2003 20:19:43.3  
NW KUMAMOTO PREF  
32°48.8'N 130°33.2'E  
H: 13KM M:3.6



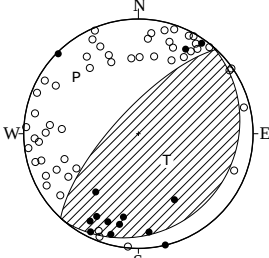
STR DIP SLIP AZM PLG  
NP1 61° 45' -116° P 250° 72'  
NP2 275° 51' -67° T 349° 3'  
N:83 SCORE 99% N 80° 18'

12 DEC. 2003 10:46:19.2  
HIDAKA MOUNTAINS REGION  
42°29.0'N 143°01.8'E  
H: 59KM M:5.0



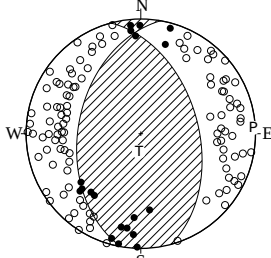
STR DIP SLIP AZM PLG  
NP1 247° 40' 141° P 122° 15'  
NP2 9° 66' 57° T 235° 56'  
N:185 SCORE 99% N 23° 30'

12 DEC. 2003 13:44:10.0  
NORTHERN MIYAGI PREF  
38°27.9'N 141°09.4'E  
H: 13KM M:3.6



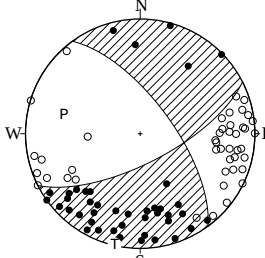
STR DIP SLIP AZM PLG  
NP1 40° 17' 87° P 312° 28'  
NP2 223° 73' 91° T 134° 62'  
N:65 SCORE 92% N 42° 1'

13 DEC. 2003 12:32:33.9  
HARIMANADA SETONAIKAI  
34°33.5'N 134°17.8'E  
H: 15KM M:4.6



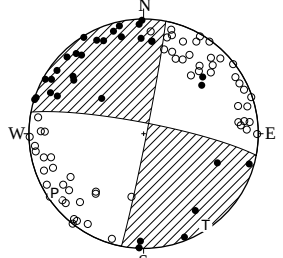
STR DIP SLIP AZM PLG  
NP1 190° 44' 108° P 87° 2'  
NP2 345° 48' 73° T 186° 77'  
N:128 SCORE 98% N 357° 13'

13 DEC. 2003 22:07:43.7  
WESTERN TOTTORI PREF  
35°13.6'N 133°18.2'E  
H: 11KM M:3.8



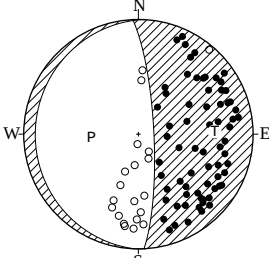
STR DIP SLIP AZM PLG  
NP1 324° 67' -23° P 284° 32'  
NP2 63° 69' -155° T 193° 1'  
N:86 SCORE 99% N 101° 58'

14 DEC. 2003 18:41:30.2  
MIKAWA BAY REGION  
34°50.2'N 137°02.0'E  
H: 11KM M:3.0



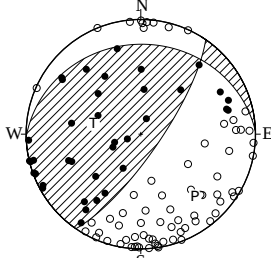
STR DIP SLIP AZM PLG  
NP1 281° 82' -2° P 236° 7'  
NP2 11° 88' -172° T 146° 4'  
N:91 SCORE 97% N 26° 82'

14 DEC. 2003 21:47:04.1  
NORTHERN MIYAGI PREF  
38°50.8'N 141°37.7'E  
H: 73KM M:3.3



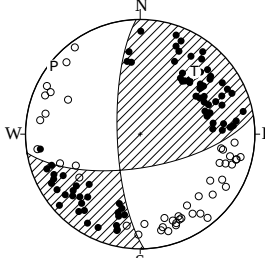
STR DIP SLIP AZM PLG  
NP1 182° 11' -85° P 266° 56'  
NP2 357° 79' -91° T 88° 34'  
N:90 SCORE 99% N 357° 1'

15 DEC. 2003 19:16:45.8  
SW IBARAKI PREF  
36°11.3'N 140°01.4'E  
H: 52KM M:3.2



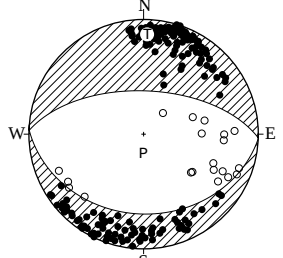
STR DIP SLIP AZM PLG  
NP1 269° 23' 142° P 139° 29'  
NP2 34° 76' 72° T 282° 55'  
N:107 SCORE 96% N 39° 18'

16 DEC. 2003 19:48:46.9  
MID-NIIGATA PREF  
36°47.1'N 138°44.4'E  
H: 4KM M:4.2



STR DIP SLIP AZM PLG  
NP1 81° 66' 162° P 308° 5'  
NP2 178° 74' 25° T 41° 29'  
N:123 SCORE 98% N 209° 60'

16 DEC. 2003 20:41:52.0  
E OFF AOMORI PREF  
41°32.1'N 141°37.2'E  
H: 77KM M:4.0



STR DIP SLIP AZM PLG  
NP1 92° 31' -90° P 181° 76'  
NP2 272° 59' -90° T 2° 14'  
N:183 SCORE 100% N 92° 0'

EQUAL AREA PROJECTION , LOWER HEMISPHERE.

AZM:AZIMUTH OF PRESSURE(P),TENSION(T),NULL(N)-AXIS , MEASURED CLOCKWISE FROM NORTH.

PLG:PLUNGE OF P,T,N-AXIS , MEASURED DOWN FROM THE HORIZONTAL PLANE.

STR:STRIKE OF NODAL PLANE (NP1,NP2), MEASURED CLOCKWISE FROM NORTH.

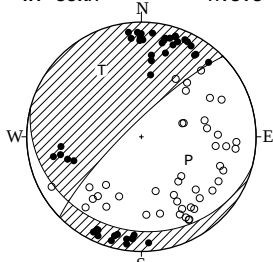
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

SLIP:SLIP DIRECTION OF THE HANGING WALL RELATIVE TO THE FOOT WALL , MEASURED COUNTERCLOCKWISE FROM THE STRIKE DIRECTION.

N:DATA NUMBER.

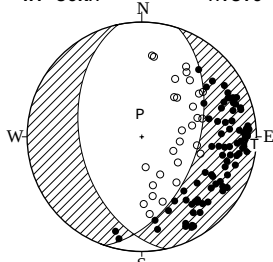
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

17 DEC. 2003 14:16:47.1  
S OFF TOMAKOMAI  
42°01.0'N 141°32.6'E  
H: 85KM M:3.3



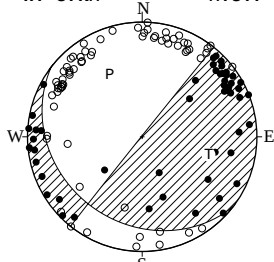
STR DIP SLIP AZM PLG  
NP1 195° 19' -32° P 117° 52°  
NP2 226° 80' -106° T 329° 33°  
N:86 SCORE 99% N 228° 16°

17 DEC. 2003 21:08:01.8  
E OFF IBARAKI PREF  
36°45.1'N 141°00.8'E  
H: 86KM M:3.9



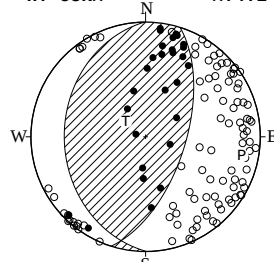
STR DIP SLIP AZM PLG  
NP1 168° 45' -113° P 355° 74°  
NP2 19° 49' -69° T 94° 2°  
N:110 SCORE 98% N 185° 16°

18 DEC. 2003 03:02:42.4  
SHIMA PENINSULA REGION  
34°13.3'N 136°24.4'E  
H: 37KM M:3.7



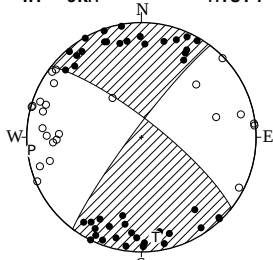
STR DIP SLIP AZM PLG  
NP1 128° 26' 179° P 332° 39°  
NP2 219° 89' 64° T 105° 40°  
N:118 SCORE 97% N 219° 26°

18 DEC. 2003 18:26:41.2  
NORTHERN IWATE PREF  
39°45.4'N 141°50.2'E  
H: 58KM M:4.1



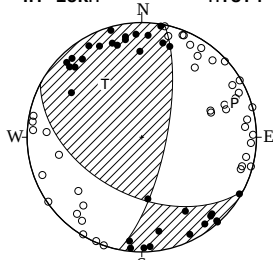
STR DIP SLIP AZM PLG  
NP1 179° 30' 74° P 101° 16°  
NP2 17° 62' 99° T 308° 72°  
N:127 SCORE 98% N 193° 8°

19 DEC. 2003 11:24:43.5  
NORTHERN OITA PREF  
33°10.2'N 131°18.7'E  
H: 9KM M:3.4



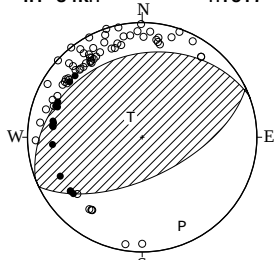
STR DIP SLIP AZM PLG  
NP1 308° 78' 6° P 253° 4°  
NP2 217° 84' 168° T 172° 13°  
N:72 SCORE 100% N 10° 76°

21 DEC. 2003 17:20:09.8  
SOUTHERN KUMAMOTO PREF  
32°30.3'N 130°34.3'E  
H: 15KM M:3.4



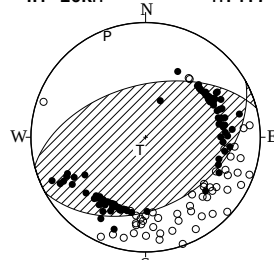
STR DIP SLIP AZM PLG  
NP1 118° 48' 24° P 70° 15°  
NP2 11° 73' 136° T 325° 43°  
N:74 SCORE 100% N 174° 43°

22 DEC. 2003 17:47:07.8  
SE OFF TOKACHI  
42°20.0'N 144°41.5'E  
H: 34KM M:5.7



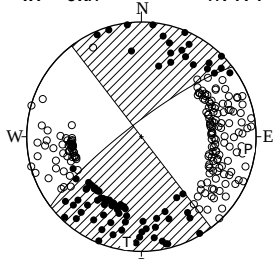
STR DIP SLIP AZM PLG  
NP1 249° 29' 94° P 156° 16°  
NP2 64° 61' 88° T 329° 74°  
N:79 SCORE 97% N 65° 2°

22 DEC. 2003 21:07:49.4  
SADOGASHIMA IS REG  
37°53.2'N 138°15.2'E  
H: 16KM M:4.7



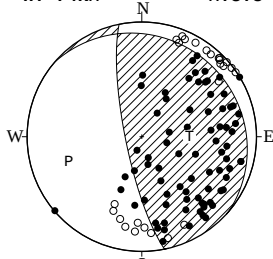
STR DIP SLIP AZM PLG  
NP1 61° 38' 79° P 339° 7°  
NP2 255° 52' 99° T 204° 80°  
N:135 SCORE 95% N 70° 7°

23 DEC. 2003 14:34:40.6  
SHIGA Gifu BORDER REGION  
35°37.1'N 136°18.0'E  
H: 9KM M:4.4



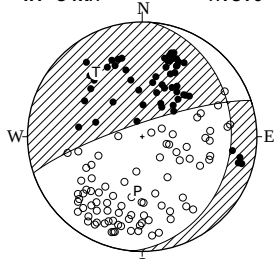
STR DIP SLIP AZM PLG  
NP1 233° 80' 180° P 97° 7°  
NP2 323° 90' 10° T 188° 7°  
N:258 SCORE 98% N 323° 80°

24 DEC. 2003 10:42:39.4  
NORTHERN MIYAGI PREF  
38°49.2'N 141°35.5'E  
H: 74KM M:3.8



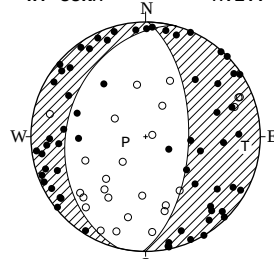
STR DIP SLIP AZM PLG  
NP1 311° 15' 53° P 251° 33°  
NP2 169° 78' 99° T 90° 56°  
N:105 SCORE 92% N 347° 9°

24 DEC. 2003 22:30:17.5  
EASTERN SAITAMA PREF  
35°56.0'N 139°28.7'E  
H: 84KM M:3.0



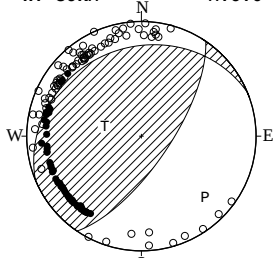
STR DIP SLIP AZM PLG  
NP1 5° 23' -155° P 185° 50°  
NP2 252° 80' -69° T 324° 32°  
N:137 SCORE 100% N 68° 21°

27 DEC. 2003 17:04:54.6  
NE AICHI PREF  
34°54.2'N 137°31.0'E  
H: 38KM M:2.7



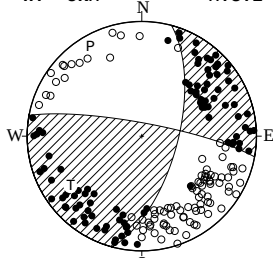
STR DIP SLIP AZM PLG  
NP1 194° 31' -79° P 253° 75°  
NP2 1° 59' -97° T 96° 14°  
N:88 SCORE 91% N 5° 6°

29 DEC. 2003 10:30:55.4  
SE OFF TOKACHI  
42°25.1'N 144°45.3'E  
H: 39KM M:6.0



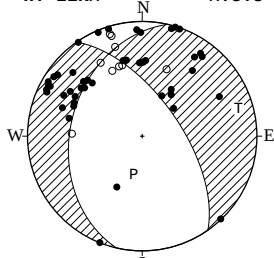
STR DIP SLIP AZM PLG  
NP1 248° 24' 121° P 134° 24°  
NP2 34° 70' 77° T 284° 63°  
N:136 SCORE 96% N 39° 12°

30 DEC. 2003 12:09:31.9  
HIDA MOUNTAINS REGION  
36°14.6'N 137°36.6'E  
H: 5KM M:3.2



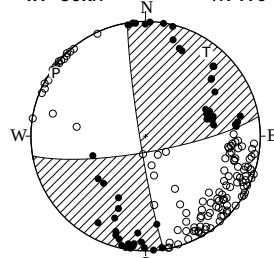
STR DIP SLIP AZM PLG  
NP1 15° 64' 10° P 330° 11°  
NP2 280° 81' 154° T 235° 25°  
N:192 SCORE 97% N 82° 62°

31 DEC. 2003 00:14:36.2  
NEAR NIIJIMA ISLAND  
34°15.2'N 139°10.9'E  
H: 11KM M:3.3



STR DIP SLIP AZM PLG  
NP1 193° 37' -49° P 193° 62°  
NP2 325° 63' -117° T 74° 14°  
N:56 SCORE 88% N 338° 23°

31 DEC. 2003 04:16:18.1  
SE OFF BOSO PENINSULA  
34°52.2'N 139°55.6'E  
H: 56KM M:4.0



STR DIP SLIP AZM PLG  
NP1 80° 79' 176° P 305° 5°  
NP2 171° 86' 11° T 36° 11°  
N:167 SCORE 99% N 191° 78°