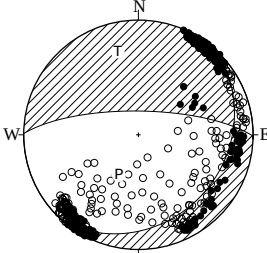


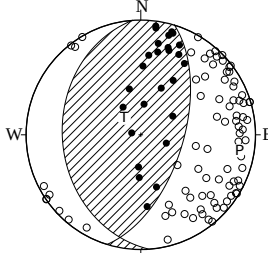
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2002

01 DEC. 2002 18:57:01.4
SE OFF TOKACHI
42°39.7'N 143°57.9'E
H:103KM M:5.5



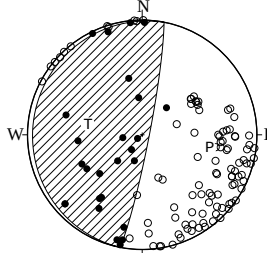
STR DIP SLIP AZM PLG
NP1 41° 25' -136° P 206° 58°
NP2 271° 73' -71° T 346° 26°
N:476 SCORE 91% N 85° 18°

01 DEC. 2002 19:48:08.0
NORTHERN IWATE PREF
39°45.2'N 141°50.5'E
H: 57KM M:3.6



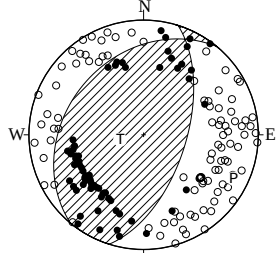
STR DIP SLIP AZM PLG
NP1 176° 32' 72° P 99° 14°
NP2 17° 60' 101° T 315° 73°
N:108 SCORE 100% N 191° 10°

01 DEC. 2002 23:37:55.7
SOUTHERN BOSU PENINSULA
34°57.2'N 139°48.8'E
H: 56KM M:3.4



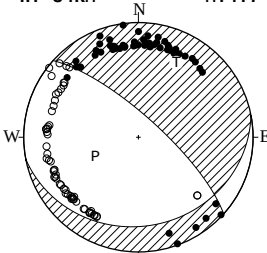
STR DIP SLIP AZM PLG
NP1 191° 5' 90° P 101° 40°
NP2 11° 85° 90° T 201° 50°
N:126 SCORE 98% N 11° 0°

04 DEC. 2002 08:09:34.7
WESTERN NAGANO PREF
35°52.2'N 137°35.6'E
H: 8KM M:4.5



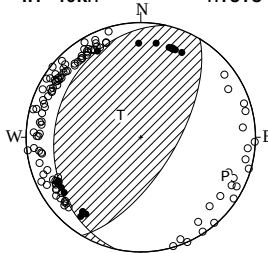
STR DIP SLIP AZM PLG
NP1 220° 32' 109° P 116° 14°
NP2 17° 60' 78° T 258° 73°
N:167 SCORE 96% N 23° 10°

04 DEC. 2002 14:17:06.2
SE OFF ERIMOMISAKI
41°45.0'N 143°31.1'E
H: 34KM M:4.7



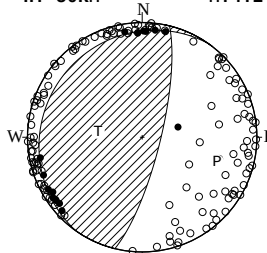
STR DIP SLIP AZM PLG
NP1 79° 24' -141° P 246° 56°
NP2 312° 75' -71° T 27° 28°
N:117 SCORE 99% N 127° 18°

05 DEC. 2002 00:50:41.9
E OFF MIYAGI PREF
38°42.6'N 142°19.0'E
H: 40KM M:5.3



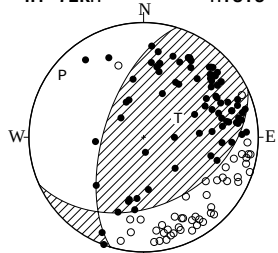
STR DIP SLIP AZM PLG
NP1 193° 26' 73° P 115° 20°
NP2 31° 65' 98° T 317° 69°
N:127 SCORE 98% N 208° 7°

05 DEC. 2002 02:17:07.6
E OFF FUKUSHIMA PREF
37°04.6'N 141°11.7'E
H: 50KM M:4.2



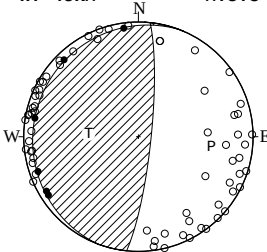
STR DIP SLIP AZM PLG
NP1 215° 14' 111° P 108° 32°
NP2 14° 77' 85° T 277° 58°
N:153 SCORE 97% N 15° 5°

06 DEC. 2002 12:16:21.5
CENTRAL CHIBA PREF
35°41.3'N 140°02.2'E
H: 72KM M:3.5



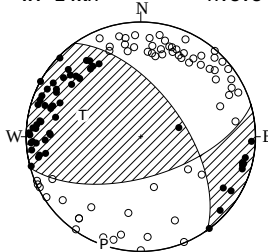
STR DIP SLIP AZM PLG
NP1 66° 39' 131° P 307° 12°
NP2 197° 62' 61° T 61° 62°
N:127 SCORE 95% N 211° 25°

07 DEC. 2002 06:48:59.4
E OFF IBARAKI PREF
36°23.3'N 141°02.5'E
H: 45KM M:3.8



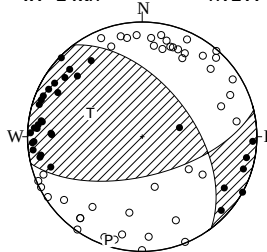
STR DIP SLIP AZM PLG
NP1 201° 9' 105° P 98° 36°
NP2 6° 81' 88° T 273° 54°
N:72 SCORE 97% N 6° 2°

07 DEC. 2002 22:15:04.4
CENTRAL SHIZUOKA PREF
34°58.6'N 138°22.2'E
H: 24KM M:3.3



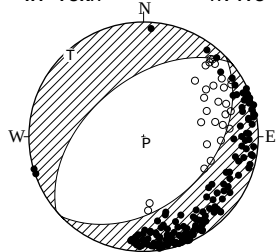
STR DIP SLIP AZM PLG
NP1 325° 59' 145° P 199° 1°
NP2 74° 61' 36° T 290° 45°
N:118 SCORE 100% N 108° 45°

07 DEC. 2002 22:45:25.8
CENTRAL SHIZUOKA PREF
34°58.6'N 138°22.1'E
H: 24KM M:2.7



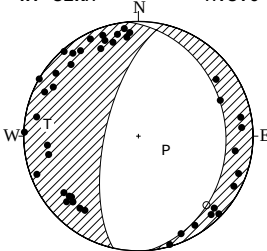
STR DIP SLIP AZM PLG
NP1 323° 53' 144° P 198° 5°
NP2 77° 62' 43° T 294° 49°
N:76 SCORE 100% N 104° 41°

09 DEC. 2002 03:34:07.3
E OFF FUKUSHIMA PREF
37°37.6'N 141°39.4'E
H: 78KM M:4.3



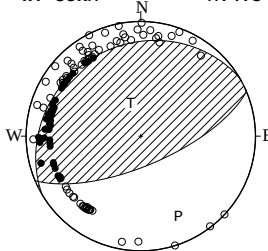
STR DIP SLIP AZM PLG
NP1 46° 40' -93° P 160° 85°
NP2 230° 50' -88° T 318° 5°
N:187 SCORE 99% N 48° 2°

09 DEC. 2002 05:43:23.4
E OFF MIYAGI PREF
38°34.0'N 142°05.2'E
H: 32KM M:3.0



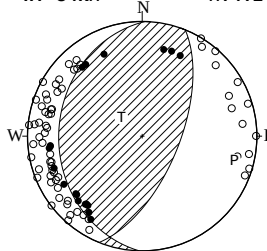
STR DIP SLIP AZM PLG
NP1 355° 25' -107° P 117° 68°
NP2 193° 66' -82° T 277° 21°
N:43 SCORE 100% N 10° 7°

10 DEC. 2002 20:25:08.5
SE OFF TOKACHI
42°19.9'N 144°40.3'E
H: 35KM M:4.8



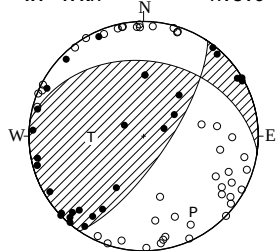
STR DIP SLIP AZM PLG
NP1 239° 21' 83° P 155° 24°
NP2 67° 69' 93° T 342° 66°
N:114 SCORE 96% N 246° 3°

11 DEC. 2002 20:54:22.1
NE OFF IWATE PREF
40°09.5'N 142°28.0'E
H: 34KM M:4.2



STR DIP SLIP AZM PLG
NP1 181° 28' 72° P 105° 18°
NP2 22° 64' 99° T 312° 70°
N:85 SCORE 94% N 198° 8°

13 DEC. 2002 19:57:08.0
HIDAKA MOUNTAINS REGION
42°20.7'N 143°09.7'E
H: 47KM M:3.9



STR DIP SLIP AZM PLG
NP1 278° 35' 149° P 147° 22°
NP2 34° 73' 59° T 268° 52°
N:74 SCORE 96% N 44° 29°

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.

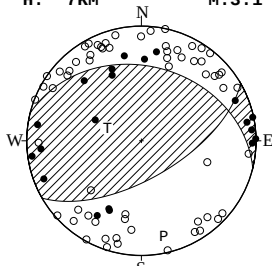
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

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

N:DATA NUMBER.

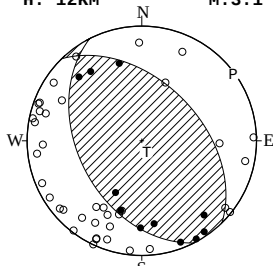
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

13 DEC. 2002 23:25:16.7
SOUTHERN IWATE PREF
38°59.2'N 140°56.9'E
H: 7KM M:3.1



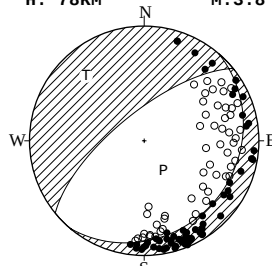
STR DIP SLIP AZM PLG
NP1 284° 35' 128° P 167° 15'
NP2 60° 63' 67° T 290° 64'
N:82 SCORE 90% N 71° 21'

15 DEC. 2002 04:04:54.6
NORTHERN IWATE PREF
40°04.6'N 141°22.4'E
H: 12KM M:3.1



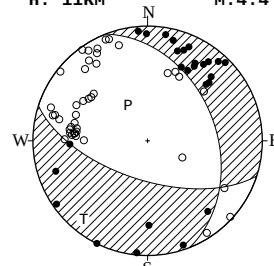
STR DIP SLIP AZM PLG
NP1 153° 44' 103° P 54° 2'
NP2 316° 48' 78° T 158° 81'
N:49 SCORE 98% N 324° 9'

15 DEC. 2002 20:30:44.9
E OFF FUKUSHIMA PREF
37°37.7'N 141°38.2'E
H: 78KM M:3.8



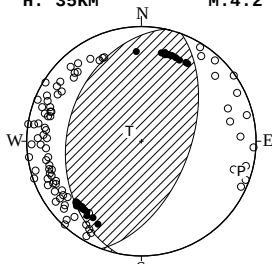
STR DIP SLIP AZM PLG
NP1 40° 20' -100° P 147° 65'
NP2 231° 70' -86° T 318° 25'
N:116 SCORE 96% N 50° 3'

17 DEC. 2002 07:17:13.4
SOUTHERN WAKAYAMA PREF
33°32.0'N 135°35.9'E
H: 11KM M:4.4



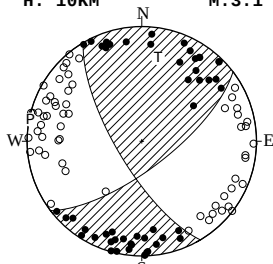
STR DIP SLIP AZM PLG
NP1 338° 40' -47° P 331° 61'
NP2 108° 62' -120° T 219° 12'
N:67 SCORE 99% N 123° 26'

18 DEC. 2002 00:48:31.3
NE OFF IWATE PREF
40°06.9'N 142°27.0'E
H: 35KM M:4.2



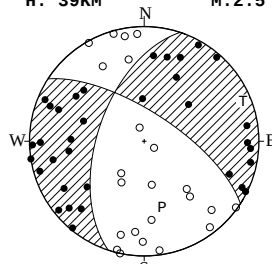
STR DIP SLIP AZM PLG
NP1 192° 35' 83° P 107° 10'
NP2 21° 55' 95° T 309° 79'
N:109 SCORE 98% N 198° 4'

18 DEC. 2002 05:12:33.1
KYOTO OSAKA BORDER REG
34°51.9'N 135°24.7'E
H: 10KM M:3.1



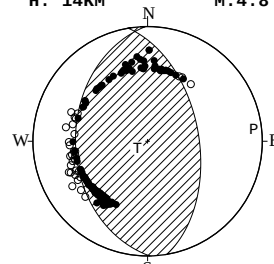
STR DIP SLIP AZM PLG
NP1 53° 71' 161° P 281° 1'
NP2 149° 72' 20° T 11° 27'
N:109 SCORE 100% N 189° 63'

18 DEC. 2002 08:36:59.0
CENTRAL AICHI PREF
35°05.4'N 137°17.4'E
H: 39KM M:2.5



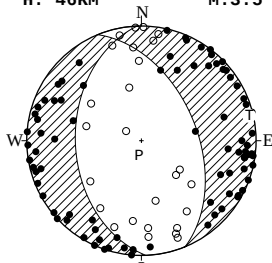
STR DIP SLIP AZM PLG
NP1 198° 56' -25° P 165° 40'
NP2 303° 69' -144° T 68° 8'
N:58 SCORE 100% N 329° 49'

19 DEC. 2002 21:19:17.7
E OFF AOMORI PREF
40°53.3'N 143°07.6'E
H: 14KM M:4.8



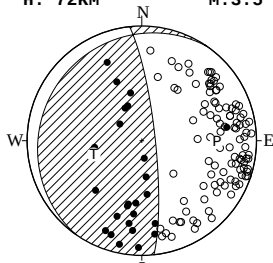
STR DIP SLIP AZM PLG
NP1 179° 37' 97° P 84° 8'
NP2 350° 53' 85° T 236° 81'
N:168 SCORE 98% N 353° 4'

20 DEC. 2002 03:48:58.2
AKINADA SETONAIKAI
33°58.5'N 132°43.8'E
H: 46KM M:3.5



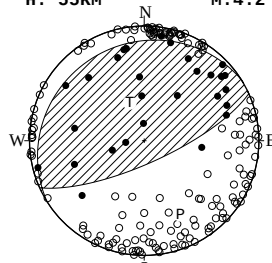
STR DIP SLIP AZM PLG
NP1 178° 42' -75° P 189° 79'
NP2 338° 50' -103° T 77° 4'
N:113 SCORE 94% N 346° 10'

21 DEC. 2002 03:03:38.1
CENTRAL CHIBA PREF
35°40.1'N 140°02.5'E
H: 72KM M:3.5



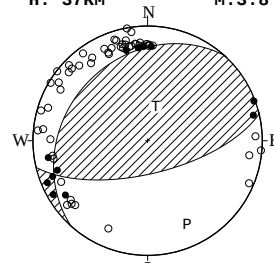
STR DIP SLIP AZM PLG
NP1 215° 13' 130° P 91° 35'
NP2 354° 80' 82° T 254° 54'
N:129 SCORE 99% N 355° 8'

23 DEC. 2002 05:31:48.2
SW IBARAKI PREF
36°12.2'N 139°59.0'E
H: 55KM M:4.2



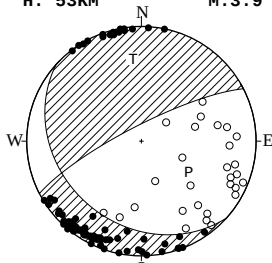
STR DIP SLIP AZM PLG
NP1 238° 16' 82° P 154° 29'
NP2 66° 74' 92° T 339° 61'
N:187 SCORE 98% N 245° 2'

27 DEC. 2002 03:16:51.1
E OFF FUKUSHIMA PREF
37°24.1'N 141°47.2'E
H: 37KM M:3.8



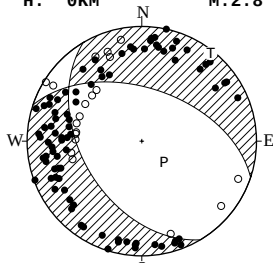
STR DIP SLIP AZM PLG
NP1 222° 28' 58° P 155° 20'
NP2 77° 67' 105° T 13° 65'
N:64 SCORE 92% N 250° 14'

29 DEC. 2002 04:23:57.0
SE OFF TOKACHI
42°23.7'N 143°27.7'E
H: 53KM M:3.9



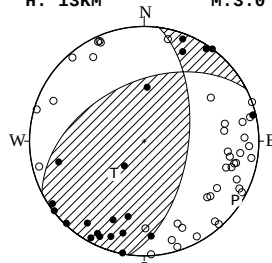
STR DIP SLIP AZM PLG
NP1 132° 29' -23° P 124° 49'
NP2 243° 79' -117° T 354° 29'
N:104 SCORE 100% N 248° 26'

30 DEC. 2002 12:08:20.3
HAKONE REGION
35°12.7'N 139°01.0'E
H: 0KM M:2.8



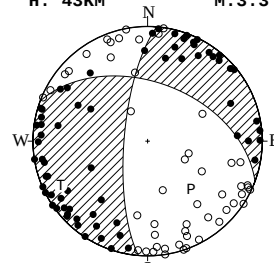
STR DIP SLIP AZM PLG
NP1 149° 46' -59° P 135° 68'
NP2 288° 52' -118° T 38° 3'
N:105 SCORE 91% N 307° 22'

30 DEC. 2002 16:40:26.8
SOUTHERN AKITA PREF
39°18.4'N 140°08.0'E
H: 13KM M:3.0



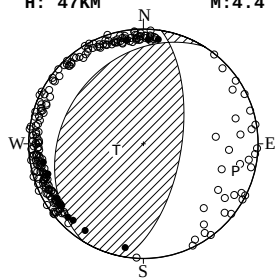
STR DIP SLIP AZM PLG
NP1 243° 48' 135° P 123° 6'
NP2 7° 58' 52° T 223° 58'
N:62 SCORE 95% N 29° 31'

30 DEC. 2002 19:29:05.1
AKINADA SETONAIKAI
34°03.7'N 132°43.5'E
H: 43KM M:3.3



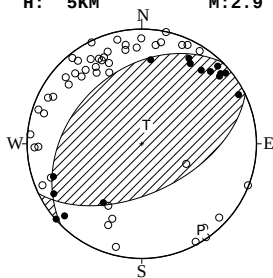
STR DIP SLIP AZM PLG
NP1 291° 48' -157° P 138° 43'
NP2 185° 73' -45° T 243° 16'
N:117 SCORE 97% N 348° 43'

31 DEC. 2002 19:11:18.0
 E OFF FUKUSHIMA PREF
 37°04.0'N 141°29.3'E
 H: 47KM M:4.4



	STR	DIP	SLIP		AZM	PLG
NP1	212°	29°	110°	P	107°	17°
NP2	9°	63°	79°	T	256°	70°
N:230	SCORE		97%	N	14°	10°

31 DEC. 2002 20:31:56.8
 NORTHERN MIYAGI PREF
 38°43.8'N 141°09.2'E
 H: 5KM M:2.9



	STR	DIP	SLIP		AZM	PLG
NP1	225°	37°	74°	P	146°	9°
NP2	64°	55°	102°	T	14°	77°
N:62	SCORE		97%	N	238°	10°