Appendix 1
Earthquake focal mechanism data used in this study

| No. | DATE | LON | LAT | DEPTH | MAG | STRIKE | DIP | RAKE | P AZ | P PL | T AZ | T PL | Q | REF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20051130 | 55.58 | 26.81 | 21.9 | 4.7 | 127 | 39 | 132 | 9 | 13 | 123 | 62 | - | ISC |
| 2 | 20051127 | 55.59 | 26.7 | 14.6 | 5 | 124 | 53 | 126 | 190 | 2 | 96 | 62 | - | ISC |
| 3 | 20120109 | 55.65 | 26.86 | 17.2 | 4.9 | 125 | 66 | 129 | 188 | 12 | 82 | 52 | - | ISC |
| 4 | 20090722 | 55.7 | 26.6 | 12 | 5.3 | 116 | 46 | 89 | 206 | 1 | 343 | 89 | - | ISC |
| 5 | 20140527 | 55.72 | 26.38 | 15.1 | 5.3 | 21 | 88 | -20 | 334 | 16 | 68 | 13 | - | ISC |
| 6 | 20081207 | 55.74 | 26.82 | 12 | 5.4 | 69 | 41 | 115 | 322 | 6 | 71 | 73 | - | ISC |
| 7 | 20081208 | 55.76 | 26.83 | 12 | 5.1 | 100 | 50 | 120 | 169 | 0 | 79 | 67 | - | ISC |
| 8 | 20081209 | 55.8 | 26.75 | 14 | 5 | 81 | 59 | 101 | 164 | 13 | 19 | 74 | - | ISC |
| 9 | 20080910 | 55.828 | 26.743 | 12 | 5.8 | 23 | 48 | 56 | 316 | 2 | 221 | 65 | - | ISC |
| 10 | 20060603 | 55.83 | 26.72 | 12 | 5.1 | 111 | 45 | 112 | 5 | 2 | 102 | 74 | - | ISC |
| 11 | 20051127 | 55.858 | 26.774 | 10 | 5.8 | 68 | 45 | 89 | 338 | 0 | 246 | 89 | - | ISC |
| 12 | 20060628 | 55.866 | 26.925 | 11 | 5.7 | 24 | 57 | 87 | 116 | 12 | 283 | 77 | - | ISC |
| 13 | 20051127 | 55.89 | 26.65 | 12 | 5.5 | 218 | 87 | -2 | 173 | 3 | 83 | 0 | - | ISC |
| 14 | 19870429 | 55.93 | 26.99 | 15 | 5.7 | 62 | 52 | 70 | 166 | 6 | 275 | 73 | - | ISC |
| 15 | 19801117 | 56.07 | 26.98 | 15 | 5.2 | 75 | 60 | 92 | 163 | 15 | 349 | 74 | - | ISC |
| 16 | 20051206 | 55.98 | 26.838 | 16.3 | 2.8 | 83.59 | 42.07 | −7.69 | 357.42 | 9.96 | 87 | 1 | A | Y12 |
| 17 | 20051206 | 55.877 | 26.812 | 14.7 | 3.5 | 86.09 | 243.84 | 33.8 | 12.59 | 20.14 | 112 | 26 | A | Y12 |
| 18 | 20051206 | 56.002 | 26.848 | 11.6 | 2.9 | 52.24 | 36.29 | 26.57 | 346.33 | 10.55 | 246 | 43 | B | Y12 |
| 19 | 20051207 | 55.905 | 26.808 | 17.5 | 2.4 | 64.34 | 221.19 | 16.1 | 174.44 | 7.44 | 80 | 29 | B | Y12 |
| 20 | 20051207 | 55.943 | 26.829 | 15.8 | 1.3 | 80 | 227.63 | 0 | 183.06 | 7.05 | 92 | 7 | A | Y12 |
| 21 | 20051207 | 55.882 | 26.819 | 14.5 | 1.9 | 90 | 77 | 0 | 32 | 0 | 122 | 0 | A | Y12 |
| 22 | 20051207 | 55.979 | 26.832 | 15.4 | 2.1 | 73.33 | 188.77 | 25.31 | 318.68 | 4.98 | 51 | 30 | A | Y12 |
| 23 | 20051207 | 55.913 | 26.81 | 15.4 | 1.9 | 69 | 162 | 0 | 118.97 | 14.68 | 25 | 15 | B | Y12 |
| 24 | 20051207 | 55.88 | 26.824 | 14.4 | 2.4 | 80.61 | 14.72 | −3.45 | 330.34 | 9.05 | 239 | 4 | B | Y12 |
| 25 | 20051207 | 55.905 | 26.788 | 14.1 | 2.2 | 90 | 227.4 | 18 | 0.96 | 12.62 | 93 | 13 | B | Y12 |
| 26 | 20051207 | 55.927 | 26.808 | 15.5 | 2.2 | 56.97 | 191.34 | 23.97 | 142.11 | 8.31 | 45.37 | 39 | A | Y12 |
| 27 | 20051207 | 55.957 | 26.806 | 14.3 | 2.2 | 72.91 | 176.58 | −5.73 | 133.62 | 15.98 | 41.3 | 8 | B | Y12 |
| 28 | 20051207 | 55.938 | 26.806 | 15.7 | 1.7 | 74.81 | 172.4 | −13.2 | 129.49 | 19.92 | 38.87 | 2 | A | Y12 |
| 29 | 20051207 | 56.027 | 26.829 | 14.8 | 2 | 43.96 | 30.77 | 22.18 | 344.56 | 18.89 | 235.29 | 44 | B | Y12 |
| 30 | 20051207 | 56.02 | 26.805 | 14.9 | 1.5 | 64.34 | 67.02 | 16.1 | 20.27 | 7.44 | 286.14 | 29 | B | Y12 |
| 31 | 20051207 | 55.965 | 26.715 | 10 | 2.1 | 52.24 | 44.89 | −26.6 | 14.87 | 43.08 | 274.85 | 11 | B | Y12 |
| 32 | 20051207 | 55.923 | 26.813 | 15.5 | 3 | 72.77 | 2.4 | 10.31 | 316.7 | 5.08 | 224.92 | 20 | A | Y12 |
| 33 | 20051207 | 56.03 | 26.815 | 15.3 | 1.4 | 60.5 | 21.08 | 28.34 | 329.64 | 3.21 | 236.96 | 39 | B | Y12 |
| 34 | 20051207 | 55.963 | 26.856 | 16.8 | 1.5 | 82.56 | 209.15 | −13.1 | 164.5 | 14.48 | 255.49 | 3 | B | Y12 |
| 35 | 20051208 | 55.94 | 26.798 | 13.5 | 2.8 | 60.18 | 195.12 | 31.07 | 142.42 | 2.01 | 50.62 | 41 | A | Y12 |
| 36 | 20051208 | 55.944 | 26.795 | 15.4 | 1.8 | 70.79 | 172.11 | 29.84 | 300.17 | 5.72 | 34.1 | 34 | A | Y12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 20051208 | 55.88 | 26.806 | 14.8 | 2.5 | 68 | 189 | 0 | 146.16 | 15.36 | 51.84 | 15 | B | Y12 |
| 38 | 20051209 | 55.939 | 26.828 | 15.5 | 2 | 72.07 | 165.99 | −1.62 | 122.66 | 13.69 | 29.83 | 11 | A | Y12 |
| 39 | 20051209 | 55.933 | 26.787 | 15.6 | 2.8 | 67.84 | 169.14 | 9.47 | 124.09 | 9.14 | 30.36 | 21 | A | Y12 |
| 40 | 20051209 | 55.928 | 26.79 | 14 | 1.8 | 61.69 | 169.59 | 19.67 | 121.74 | 7.23 | 27.02 | 33 | A | Y12 |
| 41 | 20051210 | 55.857 | 26.806 | 13.3 | 2.4 | 75.52 | 202.83 | −3.97 | 159.2 | 12.95 | 67.48 | 7 | B | Y12 |
| 42 | 20051210 | 55.862 | 26.78 | 14.5 | 2.6 | 90 | 243.33 | 10 | 17.89 | 7.05 | 108.77 | 7 | A | Y12 |
| 43 | 20051210 | 55.964 | 26.811 | 16.5 | 1.3 | 87 | 49.91 | 5.2 | 184.7 | 1.55 | 274.86 | 5 | B | Y12 |
| 44 | 20051211 | 55.908 | 26.809 | 15.5 | 2.7 | 75 | 156.67 | 0 | 112.66 | 10.55 | 20.67 | 10 | B | Y12 |
| 45 | 20051211 | 55.87 | 26.788 | 13.1 | 3.7 | 84.43 | 238.66 | 8.32 | 13.09 | 1.9 | 103.42 | 9 | A | Y12 |
| 46 | 20051211 | 55.861 | 26.795 | 15 | 2.1 | 90 | 243.33 | 10 | 17.89 | 7.05 | 108.77 | 7 | A | Y12 |
| 47 | 20051211 | 55.922 | 26.806 | 14.5 | 2.1 | 64.34 | 162.71 | −16.1 | 123.59 | 28.88 | 29.46 | 7 | A | Y12 |
| 48 | 20051211 | 55.989 | 26.812 | 14.1 | 3.1 | 84.68 | 35.91 | 20.34 | 168.28 | 10.32 | 261.69 | 18 | A | Y12 |
| 49 | 20051211 | 55.988 | 26.832 | 15.7 | 3.4 | 80.15 | 65.84 | 28.48 | 195.32 | 12.2 | 291.63 | 26 | B | Y12 |
| 50 | 20051211 | 55.993 | 26.833 | 13.9 | 1.7 | 81.35 | 62.05 | 5.04 | 16.88 | 2.58 | 286.45 | 9 | B | Y12 |
| 51 | 20051213 | 55.861 | 26.785 | 13.5 | 2.3 | 90 | 243.33 | 10 | 17.89 | 7.05 | 108.77 | 7 | A | Y12 |
| 52 | 20051213 | 55.968 | 26.831 | 13.4 | 2.4 | 50 | 21.09 | 0 | 343.63 | 27.03 | 238.54 | 27 | B | Y12 |
| 53 | 20051213 | 55.976 | 26.835 | 15.5 | 2.2 | 87.2 | 169.69 | 1.08 | 124.7 | 1.22 | 34.64 | 2 | A | Y12 |
| 54 | 20051214 | 55.956 | 26.873 | 14.8 | 3.2 | 65.63 | 306.43 | 25.94 | 255.92 | 0.57 | 165.52 | 34 | B | Y12 |
| 55 | 20051214 | 55.965 | 26.862 | 13.9 | 2.4 | 79.53 | 301.72 | −14.7 | 257.63 | 17.77 | 348.51 | 2 | A | Y12 |
| 56 | 20051214 | 55.909 | 26.79 | 14.5 | 3.6 | 90 | 50 | 0 | 5 | 0 | 95 | 0 | A | Y12 |
| 57 | 20051214 | 55.964 | 26.813 | 16 | 2.8 | 84.13 | 166.73 | 1.25 | 121.81 | 3.26 | 31.52 | 5 | A | Y12 |
| 58 | 20051214 | 55.961 | 26.808 | 15.6 | 2.4 | 80.57 | 178.05 | −7.46 | 133.82 | 11.91 | 43.52 | 1 | B | Y12 |
| 59 | 20051214 | 55.964 | 26.816 | 16.1 | 2.2 | 84.13 | 166.73 | 1.25 | 121.81 | 3.26 | 31.52 | 5 | B | Y12 |
| 60 | 20051215 | 55.87 | 26.797 | 14.3 | 2.5 | 81.35 | 244.55 | 5.04 | 199.38 | 2.58 | 108.95 | 9 | A | Y12 |
| 61 | 20051215 | 55.913 | 26.786 | 15.3 | 3.4 | 77.05 | 187.47 | −7.63 | 143.84 | 14.48 | 52.84 | 3.84 | B | Y12 |
| 62 | 20051215 | 55.953 | 26.86 | 17.6 | 2.4 | 88.27 | 17.84 | 9.85 | 152.28 | 5.72 | 243.11 | 8.18 | A | Y12 |
| 63 | 20051216 | 55.848 | 26.78 | 13.6 | 2.2 | 82.65 | 207.95 | 9.51 | 342.18 | 1.45 | 72.49 | 11.91 | B | Y12 |
| 64 | 20051216 | 55.971 | 26.822 | 11.4 | 2.9 | 90 | 0 | 18 | 133.56 | 12.62 | 226.44 | 12.62 | B | Y12 |
| 65 | 20051216 | 55.907 | 26.812 | 13.4 | 2 | 81.02 | 243.65 | −4.42 | 199.27 | 9.45 | 108.73 | 3.24 | A | Y12 |
| 66 | 20051216 | 55.982 | 26.858 | 12.3 | 3.3 | 43.86 | 22.69 | 15.04 | 340.35 | 22.5 | 230.33 | 39.57 | B | Y12 |
| 67 | 20051217 | 55.799 | 26.811 | 11.6 | 1.5 | 61.61 | 194.59 | 23.12 | 145.36 | 5.28 | 51.59 | 35.49 | A | Y12 |
| 68 | 20051217 | 55.989 | 26.86 | 12 | 3.1 | 52.84 | 30.63 | 16.01 | 345.56 | 15.76 | 243.89 | 35.63 | B | Y12 |
| 69 | 20051217 | 55.985 | 26.859 | 12.2 | 3.4 | 43.88 | 38.78 | 49.08 | 336.67 | 8.01 | 231.55 | 61.65 | B | Y12 |
| 70 | 20051217 | 55.988 | 26.874 | 13.9 | 2.4 | 74.92 | 26.03 | 20.18 | 157.68 | 2.95 | 249.05 | 24.8 | B | Y12 |
| 71 | 20051217 | 55.972 | 26.851 | 13.4 | 2.4 | 86.79 | 339.89 | −3.83 | 294.98 | 4.98 | 25.02 | 0.44 | A | Y12 |
| 72 | 20051217 | 55.867 | 26.791 | 14.1 | 3 | 84.75 | 237.98 | 11.91 | 11.94 | 4.62 | 102.93 | 12.12 | A | Y12 |
| 73 | 20051217 | 55.872 | 26.788 | 13.1 | 2.4 | 89.37 | 66.63 | −5.97 | 21.51 | 4.66 | 111.82 | 3.77 | A | Y12 |
| 74 | 20051218 | 55.971 | 26.8 | 14.6 | 2.6 | 87.26 | 62.64 | −9.62 | 17.5 | 8.74 | 108.25 | 4.83 | A | Y12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 20051218 | 55.828 | 26.841 | 12.6 | 2.4 | 64.34 | 215.48 | −16.1 | 176.36 | 28.88 | 82.23 | 7.44 | B | Y12 |
| 76 | 20051218 | 55.929 | 26.825 | 16 | 2.4 | 75 | 218.33 | 0 | 174.33 | 10.55 | 82.34 | 10.55 | B | Y12 |
| 77 | 20051219 | 55.932 | 26.815 | 15.8 | 2.1 | 90 | 77 | 0 | 32 | 0 | 122 | 0 | B | Y12 |
| 78 | 20051219 | 55.874 | 26.828 | 14.3 | 3 | 41.03 | 186.05 | 11.69 | 146.48 | 26.06 | 33.27 | 38.87 | B | Y12 |
| 79 | 20051219 | 55.958 | 26.837 | 15.5 | 2.5 | 90 | 64.94 | 38 | 193.18 | 25.81 | 296.7 | 25.81 | A | Y12 |
| 80 | 20051219 | 55.841 | 26.808 | 12.1 | 1.9 | 72.99 | 270.3 | 17.19 | 222.8 | 0.41 | 132.62 | 24 | B | Y12 |
| 81 | 20051220 | 55.959 | 26.825 | 16.2 | 1.9 | 82.64 | 165.97 | −20.8 | 120.62 | 19.85 | 213.94 | 9.11 | A | Y12 |
| 82 | 20051221 | 55.952 | 26.807 | 15.7 | 2.4 | 82.36 | 173.73 | −6.47 | 129.24 | 9.96 | 39.09 | 0.87 | B | Y12 |
| 83 | 20051221 | 55.948 | 26.779 | 15.4 | 2.3 | 85.79 | 86.92 | 24.67 | 218.4 | 14.03 | 313.69 | 20.25 | A | Y12 |
| 84 | 20051222 | 55.984 | 26.745 | 14.3 | 3.1 | 66 | 45.38 | 0 | 2.96 | 16.71 | 267.79 | 16.71 | A | Y12 |
| 85 | 20051222 | 55.933 | 26.82 | 15.6 | 2 | 84.92 | 28.84 | −14.1 | 343.7 | 13.57 | 75.23 | 6.28 | A | Y12 |
| 86 | 20051223 | 55.973 | 26.839 | 15.4 | 1.9 | 90 | 65 | 0 | 20 | 0 | 110 | 0 | B | Y12 |
| 87 | 20051223 | 56.008 | 26.846 | 14.7 | 1.9 | 82.78 | 72.05 | 16.53 | 205.06 | 6.36 | 296.98 | 16.77 | A | Y12 |
| 88 | 20051224 | 55.976 | 26.862 | 15.2 | 2 | 82.73 | 306.34 | 5.32 | 261.11 | 1.4 | 170.89 | 8.89 | A | Y12 |
| 89 | 20051225 | 55.876 | 26.788 | 11.7 | 1.9 | 84.28 | 242.33 | 8.22 | 16.77 | 1.73 | 107.07 | 9.85 | A | Y12 |
| 90 | 20051225 | 55.862 | 26.792 | 15.5 | 1.9 | 85.02 | 247.3 | 8.68 | 21.71 | 2.58 | 112.14 | 9.66 | A | Y12 |
| 91 | 20051227 | 55.817 | 26.824 | 12.7 | 2.5 | 82.56 | 264.44 | 29.15 | 34.07 | 14.48 | 131.19 | 25.66 | B | Y12 |
| 92 | 20051227 | 55.846 | 26.799 | 14.4 | 2.9 | 83.91 | 252.08 | 12.63 | 25.88 | 4.52 | 116.95 | 13.22 | A | Y12 |
| 93 | 20051227 | 55.922 | 26.791 | 15.9 | 2.8 | 57.2 | 192.82 | 32.73 | 139.4 | 3.53 | 45.89 | 44.78 | B | Y12 |
| 94 | 20051228 | 55.86 | 26.784 | 15 | 3 | 90 | 249.23 | 10 | 23.79 | 7.05 | 114.67 | 7.05 | A | Y12 |
| 95 | 20051228 | 55.962 | 26.834 | 16.1 | 2.7 | 66.87 | 255.12 | 6.57 | 210.97 | 11.73 | 116.48 | 20.62 | A | Y12 |
| 96 | 20051229 | 55.963 | 26.81 | 14 | 1.7 | 79.53 | 165.48 | −14.7 | 121.38 | 17.77 | 212.27 | 2.77 | B | Y12 |
| 97 | 20051231 | 55.958 | 26.83 | 16.3 | 2.3 | 83.72 | 169.65 | −24.3 | 123.5 | 21.47 | 218.38 | 12.2 | B | Y12 |
| 98 | 20051231 | 55.988 | 26.813 | 15.6 | 2.9 | 85.54 | 80.47 | 33.74 | 209.11 | 19.67 | 309.39 | 26.53 | A | Y12 |
| 99 | 20051231 | 55.999 | 26.832 | 16.2 | 2.5 | 80.15 | 1.94 | 17.5 | 134.55 | 5.08 | 226.33 | 19.29 | B | Y12 |
| 100 | 20060101 | 55.992 | 26.824 | 16.6 | 3.3 | 82.04 | 255.25 | −37.3 | 206.53 | 31.47 | 308.73 | 19.04 | B | Y12 |
| 101 | 20060101 | 55.996 | 26.824 | 15.2 | 3 | 78.07 | 0.2 | 13.57 | 133.63 | 0.93 | 223.93 | 17.97 | B | Y12 |
| 102 | 20060104 | 55.92 | 26.814 | 12.7 | 2.1 | 54.07 | 27.72 | 37.45 | 331.96 | 3.83 | 237.43 | 49.74 | A | Y12 |
| 103 | 20060104 | 55.893 | 26.806 | 14.9 | 2.9 | 81.99 | 58.62 | 4.11 | 13.54 | 2.77 | 283.12 | 8.56 | A | Y12 |
| 104 | 20060105 | 56.009 | 26.801 | 17.8 | 1.9 | 72 | 32.33 | 0 | 348.77 | 12.62 | 255.9 | 12.62 | B | Y12 |
| 105 | 20060106 | 55.89 | 26.8 | 13 | 2.3 | 82.65 | 207.95 | 9.51 | 342.18 | 1.45 | 72.49 | 11.91 | A | Y12 |
| 106 | 20060106 | 55.899 | 26.783 | 13.3 | 2.1 | 90 | 212.33 | 18 | 345.9 | 12.62 | 78.77 | 12.62 | B | Y12 |
| 107 | 20060106 | 55.968 | 26.816 | 14.1 | 1.2 | 81.35 | 62.12 | −5.04 | 17.72 | 9.66 | 287.28 | 2.58 | B | Y12 |
| 108 | 20060107 | 56.003 | 26.846 | 12.7 | 2.8 | 52.24 | 79.82 | 26.57 | 29.86 | 10.55 | 289.83 | 43.08 | B | Y12 |
| 109 | 20060107 | 55.97 | 26.825 | 14.3 | 1.7 | 90 | 15 | 0 | 330 | 0 | 60 | 0 | B | Y12 |
| 110 | 20060108 | 55.964 | 26.825 | 15 | 2.1 | 90 | 55 | 0 | 10 | 0 | 100 | 0 | B | Y12 |
| 111 | 20060108 | 55.9 | 26.833 | 14.3 | 2 | 72.77 | 93.65 | 10.31 | 47.95 | 5.08 | 316.17 | 19.29 | B | Y12 |
| 112 | 20060108 | 56 | 26.839 | 10.7 | 1.8 | 83.72 | 241.37 | 34.5 | 9.34 | 18.71 | 109.89 | 28.39 | B | Y12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 113 | 20060109 | 55.966 | 26.809 | 12.9 | 1.2 | 77.05 | 64.13 | −7.63 | 20.5 | 14.48 | 289.51 | 3.84 | B | Y12 |
| 114 | 20060110 | 55.933 | 26.741 | 13.8 | 1.9 | 78.6 | 106.42 | −3.76 | 62.32 | 10.68 | 331.29 | 5.42 | A | Y12 |
| 115 | 20060110 | 55.893 | 26.835 | 14.9 | 1.3 | 78.69 | 253.57 | −16.6 | 209.59 | 19.68 | 300.81 | 3.4 | B | Y12 |
| 116 | 20060110 | 55.931 | 26.748 | 14.2 | 1.7 | 80.15 | 102.65 | 1.75 | 57.91 | 5.72 | 327.09 | 8.18 | B | Y12 |
| 117 | 20060110 | 56.017 | 26.812 | 13 | 2 | 80.64 | 59.23 | −25.4 | 13.8 | 24.5 | 108.71 | 10.64 | B | Y12 |
| 118 | 20060110 | 55.898 | 26.794 | 14.2 | 3.3 | 76.77 | 220.23 | −15.1 | 176.81 | 19.97 | 267.18 | 1.03 | B | Y12 |
| 119 | 20060110 | 55.939 | 26.802 | 12.2 | 1.8 | 86.6 | 189.41 | −19.7 | 143.31 | 16.27 | 236.66 | 11.31 | B | Y12 |
| 120 | 20060111 | 55.885 | 26.823 | 12.5 | 2 | 66.12 | 30.44 | 23.49 | 340.89 | 1.63 | 249.83 | 32.95 | B | Y12 |
| 121 | 20060111 | 55.934 | 26.798 | 11.1 | 1.7 | 85.25 | 193.19 | −19.5 | 147.4 | 17.05 | 240.55 | 10.15 | B | Y12 |
| 122 | 20060111 | 55.968 | 26.86 | 14.9 | 1.7 | 82.78 | 146.95 | −16.5 | 102.02 | 16.77 | 193.94 | 6.36 | B | Y12 |
| 123 | 20060112 | 55.959 | 26.8 | 16.9 | 3.8 | 90 | 66 | 0 | 21 | 0 | 111 | 0 | A | Y12 |
| 124 | 20060112 | 55.964 | 26.797 | 16.3 | 1.8 | 90 | 56 | 0 | 11 | 0 | 101 | 0 | B | Y12 |
| 125 | 20060112 | 55.954 | 26.807 | 16.6 | 3.1 | 90 | 60 | 0 | 15 | 0 | 105 | 0 | A | Y12 |
| 126 | 20060113 | 55.979 | 26.834 | 15.4 | 2.8 | 60 | 234.44 | 0 | 193.55 | 20.7 | 95.34 | 20.7 | A | Y12 |
| 127 | 20060113 | 55.97 | 26.831 | 14 | 1.8 | 87.54 | 93.85 | 12.77 | 227.89 | 7.23 | 319.26 | 10.75 | B | Y12 |
| 128 | 20060113 | 55.973 | 26.836 | 15.3 | 1.8 | 75.29 | 251.72 | 31.01 | 19.7 | 9.95 | 116.02 | 32.13 | B | Y12 |
| 129 | 20060114 | 55.946 | 26.808 | 15.4 | 2.3 | 85.25 | 193.19 | −19.5 | 147.4 | 17.05 | 240.55 | 10.15 | A | Y12 |
| 130 | 20060116 | 55.956 | 26.857 | 15.6 | 2 | 62.68 | 188.51 | 17.35 | 141.46 | 7.88 | 46.73 | 30.79 | A | Y12 |
| 131 | 20060116 | 55.917 | 26.795 | 13.4 | 3 | 82.56 | 209.15 | −13.1 | 164.5 | 14.48 | 255.49 | 3.84 | B | Y12 |
| 132 | 20060118 | 55.997 | 26.819 | 12.7 | 2 | 78.18 | 85.77 | 46.87 | 206.98 | 21.12 | 316.27 | 40.54 | A | Y12 |
| 133 | 20060120 | 55.976 | 26.817 | 14.9 | 2 | 86.47 | 15.11 | 3.54 | 330 | 0 | 240 | 5 | A | Y12 |
| 134 | 20060120 | 55.975 | 26.817 | 14.6 | 1.8 | 86.47 | 15.11 | 3.54 | 330 | 0 | 240 | 5 | A | Y12 |
| 135 | 20060120 | 55.969 | 26.809 | 14.5 | 2.2 | 79.45 | 52.8 | 44.01 | 175.74 | 20.7 | 282.76 | 37.76 | B | Y12 |
| 136 | 20060120 | 55.97 | 26.806 | 11.8 | 2 | 69.75 | 64.35 | 52.31 | 181.11 | 16.27 | 291.72 | 50.33 | B | Y12 |
| 137 | 20060120 | 55.971 | 26.813 | 15.3 | 2.3 | 90 | 42.59 | 41 | 169.63 | 27.64 | 275.55 | 27.64 | B | Y12 |
| 138 | 20060121 | 55.922 | 26.817 | 14.8 | 3.5 | 90 | 246.67 | 15 | 20.67 | 10.55 | 112.66 | 10.55 | B | Y12 |
| 139 | 20060121 | 55.96 | 26.85 | 12.5 | 1.5 | 87.42 | 303.35 | −14.8 | 257.75 | 12.24 | 349.61 | 8.54 | A | Y12 |
| 140 | 20060122 | 55.959 | 26.853 | 14.7 | 1.6 | 76 | 209.2 | 0 | 165.06 | 9.85 | 73.34 | 9.85 | B | Y12 |
| 141 | 20060122 | 56.002 | 26.814 | 13.7 | 1.8 | 43.96 | 73.45 | 22.18 | 27.24 | 18.89 | 277.97 | 43.97 | B | Y12 |
| 142 | 20060122 | 55.985 | 26.854 | 14.5 | 2.3 | 60.82 | 258.15 | 30.19 | 205.85 | 1.97 | 114.15 | 40.93 | B | Y12 |
| 143 | 20060122 | 55.988 | 26.827 | 14 | 1.9 | 71.78 | 257.89 | 29.21 | 26.26 | 6.13 | 120.3 | 33.29 | A | Y12 |
| 144 | 20060123 | 55.976 | 26.839 | 14.6 | 2 | 87.56 | 203.88 | −5.48 | 158.89 | 5.6 | 249.11 | 2.15 | B | Y12 |
| 145 | 20060124 | 55.962 | 26.8 | 12.2 | 2.4 | 61.61 | 65.12 | 48.07 | 183.56 | 7.27 | 283.32 | 53.04 | B | Y12 |
| 146 | 20060124 | 55.957 | 26.802 | 12.4 | 1.9 | 72.61 | 207.63 | 42.19 | 330.32 | 14 | 73.12 | 41.64 | B | Y12 |
| 147 | 20060124 | 55.855 | 26.828 | 13.6 | 3.7 | 79.45 | 224.01 | −10.7 | 180 | 15 | 270 | 0 | A | Y12 |
| 148 | 20060125 | 55.862 | 26.827 | 11.3 | 1.3 | 70.32 | 230.7 | −10 | 188.81 | 20.74 | 96.15 | 7.01 | B | Y12 |
| 149 | 20060125 | 55.988 | 26.822 | 14 | 3 | 83.65 | 70.32 | 44.65 | 193.91 | 24.56 | 302.49 | 34.89 | A | Y12 |
| 150 | 20060125 | 56.006 | 26.826 | 14.2 | 1.3 | 64.34 | 268.13 | 16.1 | 221.38 | 7.44 | 127.25 | 28.88 | B | Y12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 151 | 20060127 | 55.987 | 26.825 | 14.7 | 1.3 | 90 | 40 | 0 | 355 | 0 | 85 | 0 | B | Y12 |
| 152 | 20060127 | 55.946 | 26.848 | 16.8 | 3.2 | 75.97 | 251.29 | 32.4 | 18.8 | 11.31 | 116.15 | 32.61 | A | Y12 |
| 153 | 20060127 | 55.972 | 26.808 | 11.9 | 2 | 85.79 | 14.92 | 24.67 | 146.4 | 14.03 | 241.69 | 20.25 | B | Y12 |
| 154 | 20060127 | 56.01 | 26.83 | 15 | 1.5 | 70.06 | 76.12 | 13.63 | 29.73 | 4.85 | 297.62 | 23.44 | B | Y12 |
| 155 | 20060128 | 55.885 | 26.797 | 11.7 | 3.1 | 85.47 | 244.92 | −2.12 | 200.07 | 4.7 | 109.93 | 1.71 | A | Y12 |
| 156 | 20060128 | 55.864 | 26.805 | 13.2 | 1.3 | 75.07 | 236.87 | 33.15 | 3.97 | 11.03 | 101.46 | 33.76 | A | Y12 |
| 157 | 20060129 | 55.92 | 26.821 | 14.6 | 1.9 | 66.87 | 334.02 | −6.57 | 292.66 | 20.62 | 198.18 | 11.73 | A | Y12 |
| 158 | 20060129 | 55.824 | 26.821 | 12 | 2.2 | 71.25 | 235.34 | 7.1 | 190.5 | 8.31 | 97.77 | 18.06 | B | Y12 |
| 159 | 20060129 | 55.826 | 26.816 | 12.4 | 2.8 | 77.34 | 228.5 | −2.97 | 184.51 | 11 | 93.17 | 6.85 | A | Y12 |
| 160 | 20060130 | 55.957 | 26.806 | 9.9 | 2.2 | 67.68 | 62.05 | 61.71 | 172.67 | 17.9 | 293.3 | 57.63 | B | Y12 |
| 161 | 20060130 | 55.978 | 26.829 | 14.7 | 1.7 | 76.14 | 211.97 | 1.99 | 167.55 | 8.37 | 75.89 | 11.14 | A | Y12 |
| 162 | 20060130 | 55.887 | 26.8 | 13 | 2.1 | 88.75 | 72.6 | −5.87 | 27.52 | 5.03 | 117.81 | 3.26 | A | Y12 |
| 163 | 20060131 | 55.901 | 26.812 | 7 | 3 | 90 | 41.67 | 30 | 172.56 | 20.7 | 270.77 | 20.7 | B | Y12 |
| 164 | 20060201 | 55.871 | 26.817 | 11.9 | 2.2 | 86.32 | 232.21 | −17.6 | 186.45 | 15.02 | 279.08 | 9.69 | A | Y12 |
| 165 | 20060201 | 55.897 | 26.805 | 8 | 4.1 | 82.56 | 32.52 | 13.06 | 166.18 | 3.84 | 257.17 | 14.48 | B | Y12 |
| 166 | 20060201 | 56.018 | 26.847 | 12.5 | 1.3 | 48.16 | 50.73 | 10.97 | 9.12 | 21.8 | 262.92 | 34.89 | A | Y12 |
| 167 | 20060201 | 56.013 | 26.843 | 12 | 2.5 | 81.11 | 251.82 | 15.72 | 24.89 | 4.59 | 116.33 | 17.37 | A | Y12 |
| 168 | 20060202 | 55.836 | 26.851 | 10 | 1.8 | 82.56 | 209.15 | −13.1 | 164.5 | 14.48 | 255.49 | 3.84 | B | Y12 |
| 169 | 20060203 | 55.873 | 26.821 | 10.1 | 2.7 | 76.43 | 30.77 | 6.46 | 345.63 | 5.08 | 254.35 | 14.08 | B | Y12 |
| 170 | 20060204 | 55.936 | 26.795 | 10.5 | 1.5 | 54.6 | 159.43 | 29.84 | 107.6 | 7.05 | 10.7 | 44.14 | B | Y12 |
| 171 | 20060206 | 55.982 | 26.833 | 14.1 | 1.7 | 80.15 | 65.84 | 28.48 | 195.32 | 12.2 | 291.63 | 26.95 | B | Y12 |
| 172 | 20060206 | 55.923 | 26.802 | 11.3 | 1.1 | 90 | 64 | 0 | 19 | 0 | 109 | 0 | B | Y12 |
| 173 | 20060209 | 55.985 | 26.847 | 12.5 | 2.1 | 82 | 69.71 | 8.98 | 204.01 | 0.62 | 294.14 | 11.98 | B | Y12 |
| 174 | 20060209 | 55.988 | 26.85 | 12.5 | 2.8 | 75.52 | 257.43 | 26.57 | 27.06 | 7.44 | 121.19 | 28.88 | B | Y12 |
| 175 | 20060209 | 55.851 | 26.847 | 11.3 | 3.3 | 80.8 | 220.41 | 3.94 | 175.4 | 3.73 | 84.79 | 9.27 | A | Y12 |
| 176 | 20060209 | 55.868 | 26.82 | 11.3 | 2.3 | 82.59 | 227.56 | −6.73 | 183.05 | 9.99 | 92.95 | 0.52 | B | Y12 |
| 177 | 20060210 | 55.983 | 26.829 | 15.4 | 1.7 | 87.54 | 44.24 | 17.84 | 177.49 | 10.72 | 270.25 | 14.29 | B | Y12 |
| 178 | 20060210 | 55.991 | 26.848 | 13.2 | 2.1 | 65.92 | 35.39 | 12.59 | 349.64 | 8.5 | 255.56 | 25.42 | B | Y12 |
| 179 | 20060211 | 55.975 | 26.834 | 14.5 | 1.8 | 57.07 | 349.7 | 20.14 | 302.15 | 10.37 | 204.49 | 36.07 | A | Y12 |
| 180 | 20060212 | 56.01 | 26.814 | 14.7 | 1.3 | 78.97 | 90.63 | 16.79 | 223.35 | 3.74 | 314.69 | 19.62 | B | Y12 |
| 181 | 20060213 | 55.955 | 26.834 | 14.6 | 2.1 | 63.86 | 349.46 | 20.89 | 300.99 | 4.89 | 207.86 | 32.54 | A | Y12 |
| 182 | 20060215 | 55.981 | 26.8 | 16.9 | 3.1 | 84.52 | 64.38 | 17.17 | 197.41 | 8.06 | 289.74 | 15.98 | B | Y12 |
| 183 | 20060215 | 56.006 | 26.812 | 14.2 | 1.9 | 61.61 | 249.47 | 48.07 | 7.91 | 7.27 | 107.67 | 53.04 | B | Y12 |
| 184 | 20060216 | 55.994 | 26.846 | 12.8 | 3 | 52.84 | 268.67 | 16.01 | 223.6 | 15.76 | 121.93 | 35.63 | A | Y12 |
| 185 | 20060216 | 55.997 | 26.839 | 15.2 | 1.8 | 75.29 | 252.3 | 22.9 | 23.13 | 4.97 | 115.61 | 26.46 | A | Y12 |
| 186 | 20060216 | 55.991 | 26.807 | 14.1 | 1.4 | 80.96 | 79.09 | 24.48 | 209.94 | 10.27 | 304.48 | 23.61 | B | Y12 |
| 187 | 20060217 | 56.005 | 26.835 | 14.4 | 2.1 | 48.28 | 350.25 | 5.38 | 311.16 | 24.9 | 204.74 | 31.33 | A | Y12 |
| 188 | 20060217 | 56.01 | 26.824 | 14.2 | 1.2 | 87.85 | 79.56 | −5.6 | 34.55 | 5.48 | 124.78 | 2.44 | A | Y12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 189 | 20060218 | 55.885 | 26.813 | 12.3 | 3.1 | 82.56 | 209.15 | −13.1 | 164.5 | 14.48 | 255.49 | 3.84 | B | Y12 |
| 190 | 20060219 | 55.897 | 26.818 | 16 | 2.9 | 71.25 | 227.61 | 23.86 | 357.94 | 2.5 | 89.38 | 29.87 | B | Y12 |
| 191 | 20060219 | 55.97 | 26.857 | 15.3 | 3.1 | 90 | 232.5 | 22 | 5.34 | 15.36 | 99.66 | 15.36 | B | Y12 |
| 192 | 20060220 | 55.929 | 26.886 | 13.2 | 2.6 | 72.91 | 351.03 | 5.73 | 306.31 | 8.06 | 213.99 | 15.98 | B | Y12 |
| 193 | 20060220 | 55.929 | 26.889 | 14.6 | 2.6 | 75.52 | 172.17 | 3.97 | 127.52 | 7.44 | 35.8 | 12.95 | B | Y12 |
| 194 | 20060220 | 55.928 | 26.89 | 13.3 | 3.5 | 75.52 | 172.17 | 3.97 | 127.52 | 7.44 | 35.8 | 12.95 | B | Y12 |
| 195 | 20060220 | 55.926 | 26.88 | 12.7 | 2.1 | 82.36 | 173.73 | −6.47 | 129.24 | 9.96 | 39.09 | 0.87 | B | Y12 |
| 196 | 20060220 | 55.929 | 26.893 | 13.5 | 1.4 | 70.16 | 182.69 | −2.54 | 139.87 | 15.64 | 46.42 | 12.16 | A | Y12 |
| 197 | 20060221 | 55.983 | 26.832 | 14.1 | 2.4 | 64.64 | 56.99 | 23.44 | 7.49 | 2.79 | 275.62 | 33.85 | B | Y12 |
| 198 | 20060222 | 55.964 | 26.802 | 15.2 | 2.7 | 80.42 | 51.01 | 39.03 | 176.47 | 18.75 | 279.61 | 33.83 | B | Y12 |

LON: Longitude
LAT: Latitude
DEPTH: Depth
MAG: Magnitude
STRIKE: Strike
DIP: dip
RAKE: rake
P AZ: P axis azimuth
P PL: P axis plunge
T AZ: T axis azimuth
T PL: T axis azimuth
*Q: Quality
REF: Reference

*Regarding the quality of the polarity reading and the azimuthal coverage on the focal sphere, the focal solutions are separated into two categories, A and B, in which the two nodal planes are constrained within 5◦ and 10◦ , respectively (Yamini Fard et al., 2012).