

| 電子基準点<br>観測点番号 | 基準点名        | 観測日 時間<br>(世界時間 UTC) |            | 平面直角座標系(10系) |               |              | 地心直交座標系       |              |              | 1998.02.28の観測値との座標差 平面直角座標系(10系) |         |         | 1998.02.28の観測値との座標差 地心直交座標系 |         |            | 解析方法 | 備考      |
|----------------|-------------|----------------------|------------|--------------|---------------|--------------|---------------|--------------|--------------|----------------------------------|---------|---------|-----------------------------|---------|------------|------|---------|
|                |             |                      |            | X            | Y             | H            | X             | Y            | Z            | X                                | Y       | H       | X                           | Y       | Z          |      |         |
| 970797         | 白石<br>(白石市) | 2011.05.24           | 成果値        | -223723.165  | -16485.002    | 63.681       | -3892160.3026 | 3191864.5528 | 3904144.8075 |                                  |         |         |                             |         |            |      | 成果値     |
|                |             | 1998.02.28           | 12時 観測値    | -223722.654  | -16487.590    | 63.784       | -3892158.4819 | 3191866.4094 | 3904145.2686 | 0.000                            | 0.000   | 0.000   | 0.0000                      | 0.0000  | 0.0000     | F3   | 基準元期    |
|                |             | 1998.01.01           | 12時 観測値    |              |               |              | データなし         | データなし        | データなし        |                                  |         |         |                             |         |            |      | 1998    |
|                |             | 1999.01.01           | 12時 観測値    | -223722.668  | -16487.594    | 63.792       | -3892158.4904 | 3191866.4221 | 3904145.2623 | -0.014                           | -0.004  | 0.008   | -0.0085                     | 0.0127  | -0.0063    | F3   | 1999    |
|                |             | 2000.01.01           | 12時 観測値    | -223722.666  | -16487.599    | 63.777       | -3892158.4776 | 3191866.4179 | 3904145.2551 | -0.012                           | -0.009  | -0.007  | 0.0043                      | 0.0085  | -0.0135    | F3   | 2000    |
|                |             | 2001.01.01           | 12時 観測値    | -223722.671  | -16487.607    | 63.773       | -3892158.4723 | 3191866.4236 | 3904145.2484 | -0.017                           | -0.017  | -0.011  | 0.0096                      | 0.0142  | -0.0202    | F3   | 2001    |
|                |             | 2002.01.01           | 12時 観測値    | -223722.673  | -16487.621    | 63.768       | -3892158.4618 | 3191866.4333 | 3904145.2436 | -0.019                           | -0.031  | -0.016  | 0.0201                      | 0.0239  | -0.0250    | F3   | 2002    |
|                |             | 2003.01.01           | 12時 観測値    | -223722.676  | -16487.630    | 63.779       | -3892158.4642 | 3191866.4466 | 3904145.2482 | -0.022                           | -0.040  | -0.005  | 0.0177                      | 0.0372  | -0.0204    | F3   | 2003    |
|                |             | 2004.01.01           | 12時 観測値    | -223722.690  | -16487.631    | 63.793       | -3892158.4787 | 3191866.4596 | 3904145.2454 | -0.036                           | -0.041  | 0.009   | 0.0032                      | 0.0502  | -0.0232    | F3   | 2004    |
|                |             | 2004.10.16           | 12時 観測値    | -223722.697  | -16487.640    | 63.793       | -3892158.4759 | 3191866.4691 | 3904145.2397 | -0.043                           | -0.050  | 0.008   | 0.0060                      | 0.0597  | -0.0289    | F3   | 地震7日前   |
|                |             | 2004.10.17           | 12時 観測値    | -223722.698  | -16487.641    | 63.793       | -3892158.4760 | 3191866.4706 | 3904145.2395 | -0.044                           | -0.051  | 0.009   | 0.0059                      | 0.0612  | -0.0291    | F3   | 地震6日前   |
|                |             | 2004.10.18           | 12時 観測値    | -223722.698  | -16487.639    | 63.799       | -3892158.4805 | 3191866.4725 | 3904145.2427 | -0.044                           | -0.050  | 0.015   | 0.0014                      | 0.0631  | -0.0259    | F3   | 地震5日前   |
|                |             | 2004.10.19           | 12時 観測値    | -223722.700  | -16487.639    | 63.794       | -3892158.4785 | 3191866.4704 | 3904145.2376 | -0.047                           | -0.049  | 0.009   | 0.0034                      | 0.0610  | -0.0310    | F3   | 地震4日前   |
|                |             | 2004.10.20           | 12時 観測値    | -223722.701  | -16487.641    | 63.797       | -3892158.4799 | 3191866.4736 | 3904145.2400 | -0.047                           | -0.051  | 0.013   | 0.0020                      | 0.0642  | -0.0286    | F3   | 地震3日前   |
|                |             | 2004.10.21           | 12時 観測値    | -223722.699  | -16487.639    | 63.791       | -3892158.4766 | 3191866.4688 | 3904145.2370 | -0.045                           | -0.049  | 0.007   | 0.0053                      | 0.0594  | -0.0316    | F3   | 地震2日前   |
|                |             | 2004.10.22           | 12時 観測値    | -223722.701  | -16487.642    | 63.807       | -3892158.4854 | 3191866.4792 | 3904145.2457 | -0.047                           | -0.052  | 0.023   | -0.0035                     | 0.0698  | -0.0229    | F3   | 地震1日前   |
|                |             | 2004.10.23           | 12時 観測値    | -223722.697  | -16487.644    | 63.797       | -3892158.4765 | 3191866.4747 | 3904145.2424 | -0.043                           | -0.054  | 0.013   | 0.0054                      | 0.0653  | -0.0262    | F3   | 新潟県中越地震 |
|                |             | 2004.10.24           | 12時 観測値    | -223722.702  | -16487.646    | 63.801       | -3892158.4795 | 3191866.4802 | 3904145.2409 | -0.048                           | -0.056  | 0.017   | 0.0024                      | 0.0708  | -0.0277    | F3   | 地震1日後   |
|                |             | 2004.10.25           | 12時 観測値    | -223722.700  | -16487.642    | 63.811       | -3892158.4872 | 3191866.4818 | 3904145.2489 | -0.046                           | -0.053  | 0.027   | -0.0053                     | 0.0724  | -0.0197    | F3   | 地震2日後   |
|                |             | 2004.10.26           | 12時 観測値    | -223722.698  | -16487.645    | 63.799       | -3892158.4769 | 3191866.4766 | 3904145.2427 | -0.044                           | -0.055  | 0.015   | 0.0050                      | 0.0672  | -0.0259    | F3   | 地震3日後   |
|                |             | 2004.10.27           | 12時 観測値    | -223722.699  | -16487.642    | 63.791       | -3892158.4746 | 3191866.4707 | 3904145.2373 | -0.045                           | -0.052  | 0.007   | 0.0073                      | 0.0613  | -0.0313    | F3   | 地震4日後   |
|                |             | 2004.10.28           | 12時 観測値    | -223722.699  | -16487.643    | 63.793       | -3892158.4750 | 3191866.4725 | 3904145.2386 | -0.045                           | -0.053  | 0.009   | 0.0069                      | 0.0631  | -0.0300    | F3   | 地震5日後   |
|                |             | 2004.10.29           | 12時 観測値    | -223722.698  | -16487.641    | 63.791       | -3892158.4744 | 3191866.4700 | 3904145.2376 | -0.044                           | -0.052  | 0.007   | 0.0075                      | 0.0606  | -0.0310    | F3   | 地震6日後   |
|                |             | 2004.10.30           | 12時 観測値    | -223722.701  | -16487.640    | 63.791       | -3892158.4764 | 3191866.4703 | 3904145.2360 | -0.047                           | -0.051  | 0.007   | 0.0055                      | 0.0609  | -0.0326    | F3   | 地震7日後   |
|                |             | 2005.01.01           | 12時 観測値    | -223722.699  | -16487.641    | 63.789       | -3892158.4736 | 3191866.4687 | 3904145.2362 | -0.045                           | -0.051  | 0.005   | 0.0083                      | 0.0593  | -0.0324    | F3   | 2005    |
|                |             | 2006.01.01           | 12時 観測値    | -223722.708  | -16487.627    | 63.787       | -3892158.4851 | 3191866.4608 | 3904145.2279 | -0.054                           | -0.038  | 0.003   | -0.0032                     | 0.0514  | -0.0407    | F3   | 2006    |
|                |             | 2007.01.01           | 12時 観測値    | -223722.714  | -16487.629    | 63.795       | -3892158.4923 | 3191866.4685 | 3904145.2279 | -0.060                           | -0.039  | 0.011   | -0.0104                     | 0.0591  | -0.0407    | F3   | 2007    |
|                |             | 2008.01.01           | 12時 観測値    | -223722.722  | -16487.639    | 63.786       | -3892158.4843 | 3191866.4745 | 3904145.2162 | -0.068                           | -0.049  | 0.002   | -0.0024                     | 0.0651  | -0.0524    | F3   | 2008    |
|                |             | 2009.01.01           | 12時 観測値    | -223722.737  | -16487.633    | 63.793       | -3892158.4995 | 3191866.4793 | 3904145.2082 | -0.083                           | -0.043  | 0.008   | -0.0176                     | 0.0699  | -0.0604    | F3   | 2009    |
|                |             | 2010.01.01           | 12時 観測値    | -223722.754  | -16487.634    | 63.771       | -3892158.4937 | 3191866.4757 | 3904145.1814 | -0.100                           | -0.044  | -0.013  | -0.0118                     | 0.0663  | -0.0872    | F3   | 2010    |
|                |             | 2011.01.01           | 12時 観測値    | -223722.762  | -16487.642    | 63.788       | -3892158.5020 | 3191866.4939 | 3904145.1857 | -0.108                           | -0.053  | 0.003   | -0.0201                     | 0.0845  | -0.0829    | F3   | 2011    |
|                |             | 2011.03.04           | 12時 観測値    | -223722.761  | -16487.646    | 63.778       | -3892158.4934 | 3191866.4912 | 3904145.1803 | -0.107                           | -0.056  | -0.006  | -0.0115                     | 0.0818  | -0.0883    | F3   | 地震7日前   |
|                |             | 2011.03.05           | 12時 観測値    | -223722.763  | -16487.640    | 63.780       | -3892158.4997 | 3191866.4889 | 3904145.1798 | -0.109                           | -0.050  | -0.004  | -0.0178                     | 0.0795  | -0.0888    | F3   | 地震6日前   |
| 2011.03.06     | 12時 観測値     | -223722.767          | -16487.638 | 63.781       | -3892158.5036 | 3191866.4893 | 3904145.1776  | -0.113       | -0.048       | -0.003                           | -0.0217 | 0.0799  | -0.0910                     | F3      | 地震5日前      |      |         |
| 2011.03.07     | 12時 観測値     | -223722.763          | -16487.639 | 63.787       | -3892158.5043 | 3191866.4915 | 3904145.1839  | -0.109       | -0.049       | 0.003                            | -0.0224 | 0.0821  | -0.0847                     | F3      | 地震4日前      |      |         |
| 2011.03.08     | 12時 観測値     | -223722.763          | -16487.633 | 63.771       | -3892158.4986 | 3191866.4787 | 3904145.1746  | -0.109       | -0.043       | -0.013                           | -0.0167 | 0.0693  | -0.0940                     | F3      | 地震3日前      |      |         |
| 2011.03.09     | 12時 観測値     | -223722.762          | -16487.634 | 63.775       | -3892158.5005 | 3191866.4811 | 3904145.1776  | -0.108       | -0.044       | -0.009                           | -0.0186 | 0.0717  | -0.0910                     | F3      | 地震2日前      |      |         |
| 2011.03.10     | 12時 観測値     | -223722.762          | -16487.627 | 63.768       | -3892158.4998 | 3191866.4720 | 3904145.1731  | -0.108       | -0.037       | -0.017                           | -0.0179 | 0.0626  | -0.0955                     | F3      | 地震1日前      |      |         |
| 2011.03.11     | 12時 観測値     | -223723.093          | -16485.449 | 63.657       | -3892159.9688 | 3191864.8593 | 3904144.8477  | -0.439       | 2.140        | -0.128                           | -1.4869 | -1.5501 | -0.4209                     | F3      | 東北地方太平洋沖地震 |      |         |
| 2011.03.12     | 12時 観測値     | -223723.112          | -16485.315 | 63.638       | -3892160.0516 | 3191864.7531 | 3904144.8215  | -0.458       | 2.275        | -0.146                           | -1.5697 | -1.6563 | -0.4471                     | F3      | 地震1日後      |      |         |
| 2011.03.16     | 12時 観測値     | -223723.128          | -16485.244 | 63.645       | -3892160.1087 | 3191864.7082 | 3904144.8132  | -0.474       | 2.346        | -0.139                           | -1.6268 | -1.7012 | -0.4554                     | F3      | 地震5日後      |      |         |
| 2011.03.17     | 12時 観測値     | -223723.128          | -16485.235 | 63.650       | -3892160.1170 | 3191864.7038 | 3904144.8162  | -0.474       | 2.354        | -0.134                           | -1.6351 | -1.7056 | -0.4524                     | F3      | 地震6日後      |      |         |
| 2011.03.18     | 12時 観測値     | -223723.128          | -16485.223 | 63.654       | -3892160.1275 | 3191864.6962 | 3904144.8183  | -0.474       | 2.367        | -0.130                           | -1.6456 | -1.7132 | -0.4503                     | F3      | 地震7日後      |      |         |
| 2011.03.19     | 12時 観測値     | -223723.134          | -16485.217 | 63.653       | -3892160.1332 | 3191864.6932 | 3904144.8132  | -0.480       | 2.373        | -0.132                           | -1.6513 | -1.7162 | -0.4554                     | F3      | 地震8日後      |      |         |
| 2011.03.20     | 12時 観測値     | -223723.133          | -16485.200 | 63.644       | -3892160.1378 | 3191864.6756 | 3904144.8088  | -0.479       | 2.389        | -0.140                           | -1.6559 | -1.7338 | -0.4598                     | F3      | 地震9日後      |      |         |
| 2011.03.21     | 12時 観測値     | -223723.134          | -16485.202 | 63.652       | -3892160.1424 | 3191864.6819 | 3904144.8129  | -0.480       | 2.387        | -0.132                           | -1.6605 | -1.7275 | -0.4557                     | F3      | 地震10日後     |      |         |
| 2011.05.24     | 12時 観測値     | -223723.170          | -16485.002 | 63.662       | -3892160.2925 | 3191864.5460 | 3904144.7910  | -0.516       | 2.588        | -0.122                           | -1.8106 | -1.8634 | -0.4776                     | F3      | 2011.05.24 |      |         |
| 2012.04.03     | 12時 観測値     | -223723.242          | -16484.698 | 63.650       | -3892160.5115 | 3191864.3321 | 3904144.7272  | -0.588       | 2.892        | -0.134                           | -2.0296 | -2.0773 | -0.5414                     | F3      | 2012       |      |         |
| 2013.01.01     | 12時 観測値     | -223723.270          | -16484.564 | 63.671       | -3892160.6232 | 3191864.2498 | 3904144.7181  | -0.616       | 3.026        | -0.113                           | -2.1413 | -2.1596 | -0.5505                     | F3      | 2013       |      |         |
| 2014.01.01     | 12時 観測値     | -223723.307          | -16484.434 | 63.682       | -3892160.7297 | 3191864.1693 | 3904144.6961  | -0.653       | 3.156        | -0.102                           | -2.2478 | -2.2401 | -0.5725                     | F3      | 2014       |      |         |
| 2015.01.01     | 12時 観測値     | -223723.334          | -16484.327 | 63.702       | -3892160.8222 | 3191864.1075 | 3904144.6877  | -0.680       | 3.262        | -0.082                           | -2.3403 | -2.3019 | -0.5809                     | F3      | 2015       |      |         |
| 2016.01.01     | 12時 観測値     | -223723.360          | -16484.240 | 63.725       | -3892160.9039 | 3191864.0613 | 3904144.6814  | -0.706       | 3.350        | -0.059                           | -2.4220 | -2.3481 | -0.5872                     | F3      | 2016       |      |         |
| 2016.01.01     | 12時 観測値     | -223723.360          | -16484.240 | 63.725       |               |              |               | 成果値との差       | -0.195       | 0.762                            | 0.044   | -0.6013 | -0.4915                     | -0.1261 | F3-成果値     |      |         |