

4級基準点設置一覧図

縮尺=1:5,000

与点25点（公共基準点1点 街区三角点3点 街区多角点19点 既設4級基準点2点） 新点192点 合計217点



記号凡例

- ▽ 札幌市公共基準点
- 3級基準点
- ◻ 街区多角点
- ⊕ 既設4級基準点
- ⊗ タック（鋳）

4級基準点成果表

世界測地系 (測地成果2011)

| 点 名 | X 座 標 | Y 座 標 | 標 高 |
|------|-------------|------------|--------|
| TA1 | -108929.810 | -66162.110 | 26.115 |
| TA2 | -108871.088 | -66145.714 | 24.327 |
| TA3 | -108829.412 | -66136.600 | 24.293 |
| TA4 | -108796.294 | -66123.151 | 24.188 |
| TA5 | -108935.235 | -66307.030 | 26.565 |
| TA6 | -108958.473 | -66215.960 | 26.038 |
| TA7 | -108976.612 | -66194.597 | 26.684 |
| TA8 | -108934.092 | -66190.348 | 25.199 |
| TA9 | -108918.880 | -66250.129 | 25.465 |
| TA10 | -108898.057 | -66297.276 | 25.727 |
| TA11 | -108887.013 | -66338.913 | 25.955 |
| TA12 | -108881.886 | -66378.968 | 27.450 |
| TA13 | -108838.979 | -66379.567 | 26.666 |
| TA14 | -108785.867 | -66389.510 | 25.782 |
| TA15 | -108748.344 | -66397.220 | 25.769 |
| TA16 | -108897.631 | -66187.109 | 24.944 |
| TA17 | -108881.747 | -66237.474 | 25.249 |
| TA18 | -108865.628 | -66288.784 | 25.578 |
| TA19 | -108855.363 | -66341.915 | 25.919 |
| TA20 | -108849.719 | -66187.598 | 24.279 |
| TA21 | -108837.610 | -66221.586 | 24.410 |
| TA22 | -108825.212 | -66278.593 | 24.390 |
| TA23 | -108799.534 | -66322.647 | 24.250 |
| TA24 | -108800.990 | -66358.241 | 25.062 |
| TA25 | -108834.169 | -66173.642 | 24.264 |
| TA26 | -108800.400 | -66219.354 | 24.203 |
| TA27 | -108771.209 | -66267.488 | 24.142 |
| TA28 | -108749.613 | -66304.636 | 24.122 |
| TA29 | -108787.629 | -66161.672 | 24.169 |
| TA30 | -108763.878 | -66200.446 | 24.089 |
| TA31 | -108734.035 | -66244.416 | 24.052 |
| TB1 | -108713.610 | -66089.449 | 23.888 |
| TB2 | -108677.096 | -66074.740 | 23.804 |
| TB3 | -108743.443 | -66144.110 | 24.033 |
| TB4 | -108715.868 | -66175.403 | 24.016 |
| TB5 | -108701.230 | -66218.107 | 23.883 |
| TB6 | -108656.155 | -66199.519 | 23.815 |
| TB7 | -108668.857 | -66162.250 | 23.828 |
| TB8 | -108701.224 | -66120.019 | 23.939 |
| TB9 | -108648.666 | -66098.719 | 23.702 |
| TB10 | -108637.378 | -66136.302 | 23.677 |
| TB11 | -108608.018 | -66171.769 | 23.627 |
| TB12 | -108568.786 | -66150.194 | 23.432 |
| TB13 | -108591.046 | -66114.037 | 23.505 |
| TB14 | -108614.013 | -66083.354 | 23.591 |
| TB15 | -108579.452 | -66064.514 | 23.400 |

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| 点 名 | X 座 標 | Y 座 標 | 標 高 |
|------|-------------|------------|--------|
| TB16 | -108550.643 | -66089.523 | 23.318 |
| TB17 | -108507.199 | -66114.019 | 23.217 |
| TB18 | -108667.190 | -66256.843 | 23.828 |
| TB19 | -108626.656 | -66234.107 | 23.686 |
| TB20 | -108595.499 | -66205.712 | 23.542 |
| TB21 | -108546.963 | -66188.076 | 23.403 |
| TB22 | -108516.487 | -66160.121 | 23.303 |
| TB23 | -108726.602 | -66358.070 | 24.813 |
| TB24 | -108673.063 | -66356.008 | 24.635 |
| TB25 | -108626.894 | -66327.548 | 24.480 |
| TB26 | -108589.664 | -66313.487 | 24.217 |
| TB27 | -108549.742 | -66290.488 | 24.129 |
| TB28 | -108513.037 | -66262.364 | 23.839 |
| TB29 | -108466.394 | -66242.464 | 23.551 |
| TB30 | -108488.752 | -66197.248 | 23.415 |
| TB31 | -108433.084 | -66217.065 | 23.249 |
| TC1 | -108549.346 | -66009.707 | 23.368 |
| TC2 | -108451.499 | -65988.392 | 22.933 |
| TC3 | -108508.780 | -66030.879 | 23.174 |
| TC4 | -108488.786 | -66060.390 | 23.122 |
| TC5 | -108432.491 | -66019.103 | 22.945 |
| TC6 | -108392.274 | -66048.748 | 22.789 |
| TC7 | -108455.346 | -66077.573 | 23.013 |
| TC8 | -108412.185 | -66108.471 | 22.929 |
| TC9 | -108367.983 | -66085.791 | 22.711 |
| TC10 | -108342.888 | -66117.767 | 22.574 |
| TC11 | -108328.526 | -66156.220 | 22.505 |
| TC12 | -108369.945 | -66187.172 | 22.696 |
| TC13 | -108415.445 | -66163.758 | 22.976 |
| TC14 | -108402.403 | -66260.658 | 23.546 |
| TC15 | -108359.085 | -66226.465 | 23.077 |
| TC16 | -108282.347 | -66191.528 | 22.323 |
| TC17 | -108242.357 | -66157.567 | 21.967 |
| TC18 | -108274.285 | -66125.133 | 22.200 |
| TC19 | -108309.269 | -66047.762 | 22.935 |
| TC20 | -108339.542 | -66018.483 | 22.976 |
| TC21 | -108362.369 | -65976.450 | 22.902 |
| TC22 | -108379.741 | -65945.931 | 22.883 |
| TC23 | -108408.998 | -65898.568 | 23.017 |
| TC24 | -108438.391 | -65916.746 | 23.444 |
| TC25 | -108421.221 | -65953.992 | 23.345 |
| TC26 | -108389.290 | -66002.113 | 22.929 |
| TD1 | -108315.357 | -65687.282 | 23.213 |
| TD2 | -108288.863 | -65765.240 | 23.261 |
| TD3 | -108220.833 | -65888.936 | 21.549 |
| TD4 | -108197.226 | -65931.999 | 21.010 |

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| 点 名 | X 座 標 | Y 座 標 | 標 高 |
|------|-------------|------------|--------|
| TD5 | -108175.013 | -65973.048 | 21.027 |
| TD6 | -108381.910 | -65855.944 | 22.837 |
| TD7 | -108324.981 | -65872.670 | 22.216 |
| TD8 | -108314.053 | -65903.357 | 22.158 |
| TD9 | -108346.214 | -65921.806 | 22.468 |
| TD10 | -108275.885 | -65881.837 | 21.960 |
| TD11 | -108231.088 | -65955.356 | 22.181 |
| TD12 | -108207.533 | -65996.415 | 22.111 |
| TD13 | -108249.605 | -66014.615 | 22.496 |
| TD14 | -108279.697 | -65961.286 | 22.335 |
| TD15 | -108306.334 | -65979.316 | 22.623 |
| TD16 | -108271.842 | -66042.184 | 22.721 |
| TD17 | -108259.566 | -66082.530 | 22.036 |
| TD18 | -108197.741 | -66043.871 | 21.711 |
| TD19 | -108177.791 | -66077.423 | 21.661 |
| TD20 | -108231.035 | -66100.857 | 21.920 |
| TD21 | -108146.867 | -66115.195 | 21.789 |
| TD22 | -108195.614 | -66132.363 | 21.932 |
| TD23 | -108178.927 | -66166.668 | 21.987 |
| TD24 | -108153.088 | -66204.061 | 22.222 |
| TD25 | -108114.790 | -66179.134 | 21.870 |
| TD26 | -108075.742 | -66159.342 | 21.460 |
| TD27 | -108144.815 | -66027.491 | 21.278 |
| TE1 | -108624.291 | -66444.237 | 25.805 |
| TE2 | -108512.999 | -66504.312 | 25.972 |
| TE3 | -108487.779 | -66511.166 | 26.064 |
| TE4 | -108478.073 | -66465.877 | 24.879 |
| TE5 | -108480.560 | -66431.445 | 24.438 |
| TE6 | -108533.590 | -66336.216 | 24.761 |
| TE7 | -108613.475 | -66370.352 | 25.387 |
| TE8 | -108444.307 | -66275.556 | 23.889 |
| TE9 | -108401.411 | -66281.040 | 23.765 |
| TE10 | -108422.679 | -66329.440 | 23.871 |
| TE11 | -108427.654 | -66371.597 | 23.815 |
| TE12 | -108433.560 | -66420.469 | 23.802 |
| TE13 | -108396.971 | -66406.755 | 23.394 |
| TE14 | -108343.831 | -66402.205 | 23.346 |
| TE15 | -108343.938 | -66378.658 | 23.243 |
| TE16 | -108383.061 | -66374.359 | 23.504 |
| TE17 | -108379.227 | -66335.536 | 23.661 |
| TE18 | -108333.411 | -66337.198 | 23.285 |
| TE19 | -108330.576 | -66289.008 | 23.578 |
| TE20 | -108268.961 | -66300.823 | 23.041 |
| TE21 | -108231.009 | -66250.361 | 22.757 |
| TE22 | -108198.457 | -66219.284 | 22.832 |
| TE23 | -108197.792 | -66277.962 | 22.649 |

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|------|-------------|------------|--------|
| TE24 | -108179.617 | -66312.991 | 22.563 |
| TE25 | -108215.969 | -66350.444 | 22.772 |
| TE26 | -108245.178 | -66323.096 | 22.806 |
| TE27 | -108267.576 | -66367.314 | 22.907 |
| TE28 | -108299.394 | -66341.398 | 23.135 |
| TE29 | -108287.906 | -66394.193 | 23.019 |
| TE30 | -108305.075 | -66425.997 | 23.568 |
| TE31 | -108377.859 | -66443.256 | 24.363 |
| TE32 | -108421.714 | -66445.269 | 24.605 |
| TE33 | -108421.258 | -66470.708 | 25.163 |
| TE34 | -108390.568 | -66468.732 | 25.002 |
| TE35 | -108345.700 | -66478.644 | 24.456 |
| TE36 | -108307.892 | -66482.470 | 24.068 |
| TE37 | -108252.081 | -66410.669 | 22.985 |
| TE38 | -108406.823 | -66309.384 | 23.851 |
| TF1 | -107886.784 | -66502.878 | 24.782 |
| TF2 | -107925.833 | -66429.541 | 23.954 |
| TF3 | -107979.168 | -66331.964 | 23.157 |
| TF4 | -108043.250 | -66214.294 | 21.856 |
| TF5 | -108014.814 | -66519.132 | 24.590 |
| TF6 | -108069.679 | -66533.085 | 24.628 |
| TF7 | -108100.332 | -66539.934 | 24.515 |
| TF8 | -108159.118 | -66529.601 | 25.242 |
| TF9 | -108237.861 | -66539.275 | 25.460 |
| TF10 | -108210.118 | -66506.593 | 24.130 |
| TF11 | -108173.447 | -66470.575 | 23.858 |
| TF12 | -108136.906 | -66410.051 | 23.141 |
| TF13 | -108111.247 | -66436.658 | 23.774 |
| TF14 | -108097.774 | -66464.324 | 24.135 |
| TF15 | -108079.259 | -66503.933 | 24.550 |
| TF16 | -108257.839 | -66462.360 | 24.029 |
| TF17 | -108230.265 | -66424.725 | 23.157 |
| TF18 | -108204.397 | -66451.206 | 23.393 |
| TF19 | -108181.523 | -66371.322 | 22.862 |
| TF20 | -108167.725 | -66395.586 | 22.953 |
| TF21 | -108136.766 | -66300.978 | 22.303 |
| TF22 | -108109.496 | -66274.870 | 22.228 |
| TF23 | -108081.364 | -66228.305 | 22.239 |
| TF24 | -108060.457 | -66253.953 | 22.169 |
| TF25 | -108044.300 | -66283.682 | 22.085 |
| TF26 | -108068.359 | -66334.831 | 22.546 |
| TF27 | -108107.847 | -66316.149 | 22.226 |
| TF28 | -108114.447 | -66380.022 | 22.975 |
| TF29 | -108081.802 | -66399.198 | 22.881 |
| TF30 | -108032.879 | -66375.666 | 22.897 |
| TF31 | -108002.829 | -66366.922 | 22.854 |

