

European Ground Motion Service (EGMS) - GNSS calibration data

Copernicus Land Monitoring Service



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Content

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| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|------|---------|---------|----------|---------|----------|
| 71.677059100 | 24.988045730 | 0.28 | -0.42 | 0.41 | 0.41 | 0.41 | 0.74 | 4850000 | 5450000 |
| 71.573514230 | 26.348400110 | 0.26 | -0.34 | 0.71 | 0.39 | 0.39 | 0.70 | 4900000 | 5450000 |
| 71.461257320 | 27.694442550 | 0.21 | -0.25 | 1.00 | 0.41 | 0.41 | 0.73 | 4950000 | 5450000 |
| 71.340438940 | 29.025307670 | 0.13 | -0.18 | 1.23 | 0.42 | 0.42 | 0.76 | 5000000 | 5450000 |
| 71.211217090 | 30.340206270 | 0.01 | -0.14 | 1.35 | 0.42 | 0.42 | 0.75 | 5050000 | 5450000 |
| 71.411100550 | 21.949184740 | 0.30 | -0.57 | 0.11 | 0.43 | 0.43 | 0.80 | 4750000 | 5400000 |
| 71.327496480 | 23.305576110 | 0.32 | -0.49 | 0.54 | 0.41 | 0.41 | 0.75 | 4800000 | 5400000 |
| 71.235103650 | 24.650476440 | 0.36 | -0.43 | 0.86 | 0.37 | 0.37 | 0.65 | 4850000 | 5400000 |
| 71.134045700 | 25.982932550 | 0.43 | -0.38 | 1.09 | 0.25 | 0.25 | 0.42 | 4900000 | 5400000 |
| 71.024455090 | 27.302055650 | 0.38 | -0.22 | 1.48 | 0.35 | 0.35 | 0.60 | 4950000 | 5400000 |
| 70.906472250 | 28.607023670 | 0.25 | -0.14 | 1.71 | 0.39 | 0.39 | 0.68 | 5000000 | 5400000 |
| 70.780244740 | 29.897082900 | 0.12 | -0.12 | 1.83 | 0.38 | 0.38 | 0.66 | 5050000 | 5400000 |
| 70.645926390 | 31.171548850 | -0.01 | -0.12 | 1.84 | 0.33 | 0.33 | 0.56 | 5100000 | 5400000 |
| 70.503676470 | 32.429806440 | -0.13 | -0.04 | 1.63 | 0.38 | 0.38 | 0.66 | 5150000 | 5400000 |
| 71.037514410 | 20.345752430 | 0.37 | -0.64 | 0.14 | 0.42 | 0.42 | 0.78 | 4700000 | 5350000 |
| 70.964614900 | 21.683489790 | 0.32 | -0.59 | 0.73 | 0.40 | 0.41 | 0.74 | 4750000 | 5350000 |
| 70.883011040 | 23.011479690 | 0.32 | -0.50 | 1.20 | 0.39 | 0.39 | 0.70 | 4800000 | 5350000 |
| 70.792808940 | 24.328769320 | 0.38 | -0.42 | 1.53 | 0.36 | 0.36 | 0.63 | 4850000 | 5350000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 70.694123780 | 25.634460550 | 0.51 | -0.28 | 1.84 | 0.30 | 0.30 | 0.49 | 4900000 | 5350000 |
| 70.587079110 | 26.927712790 | 0.54 | -0.09 | 2.27 | 0.26 | 0.26 | 0.44 | 4950000 | 5350000 |
| 70.471806050 | 28.207745270 | 0.38 | -0.02 | 2.31 | 0.36 | 0.36 | 0.61 | 5000000 | 5350000 |
| 70.348442580 | 29.473838620 | 0.22 | -0.03 | 2.36 | 0.36 | 0.36 | 0.61 | 5050000 | 5350000 |
| 70.217132750 | 30.725335900 | 0.08 | -0.07 | 2.37 | 0.25 | 0.25 | 0.42 | 5100000 | 5350000 |
| 70.078025920 | 31.961642960 | -0.06 | 0.03 | 2.10 | 0.36 | 0.36 | 0.61 | 5150000 | 5350000 |
| 69.931275990 | 33.182228280 | -0.17 | 0.14 | 1.71 | 0.42 | 0.42 | 0.76 | 5200000 | 5350000 |
| 69.777040650 | 34.386622290 | -0.30 | 0.20 | 1.27 | 0.44 | 0.44 | 0.82 | 5250000 | 5350000 |
| 70.705672960 | 17.477120410 | 0.55 | -0.73 | -0.70 | 0.43 | 0.43 | 0.79 | 4600000 | 5300000 |
| 70.651778460 | 18.802309040 | 0.48 | -0.70 | 0.09 | 0.42 | 0.42 | 0.76 | 4650000 | 5300000 |
| 70.589200180 | 20.120338470 | 0.38 | -0.68 | 0.84 | 0.39 | 0.39 | 0.70 | 4700000 | 5300000 |
| 70.518018090 | 21.430225720 | 0.27 | -0.65 | 1.51 | 0.34 | 0.34 | 0.63 | 4750000 | 5300000 |
| 70.438321920 | 22.731029560 | 0.23 | -0.57 | 2.03 | 0.29 | 0.29 | 0.56 | 4800000 | 5300000 |
| 70.350210540 | 24.021854360 | 0.32 | -0.42 | 2.33 | 0.34 | 0.34 | 0.60 | 4850000 | 5300000 |
| 70.253791410 | 25.301853310 | 0.46 | -0.18 | 2.59 | 0.34 | 0.34 | 0.58 | 4900000 | 5300000 |
| 70.149179870 | 26.570231160 | 0.53 | 0.03 | 2.87 | 0.28 | 0.28 | 0.46 | 4950000 | 5300000 |
| 70.036498540 | 27.826246410 | 0.42 | 0.10 | 2.88 | 0.33 | 0.33 | 0.55 | 5000000 | 5300000 |
| 69.915876590 | 29.069212810 | 0.28 | 0.14 | 2.88 | 0.38 | 0.38 | 0.65 | 5050000 | 5300000 |
| 69.787449030 | 30.298500470 | 0.14 | 0.16 | 2.81 | 0.38 | 0.38 | 0.66 | 5100000 | 5300000 |
| 69.651356090 | 31.513536390 | 0.00 | 0.20 | 2.55 | 0.40 | 0.40 | 0.71 | 5150000 | 5300000 |
| 69.507742420 | 32.713804430 | -0.12 | 0.27 | 2.15 | 0.43 | 0.43 | 0.78 | 5200000 | 5300000 |
| 69.356756490 | 33.898844950 | -0.23 | 0.32 | 1.67 | 0.44 | 0.44 | 0.82 | 5250000 | 5300000 |
| 70.254639220 | 17.316975690 | 0.64 | -0.74 | -0.06 | 0.41 | 0.41 | 0.73 | 4600000 | 5250000 |
| 70.202000830 | 18.614481320 | 0.56 | -0.71 | 0.82 | 0.37 | 0.38 | 0.66 | 4650000 | 5250000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 70.1408727 10 | 19.905 313690 | 0.41 | -0.71 | 1.62 | 0.33 | 0.33 | 0.59 | 470000 0 | 525000 0 |
| 70.0713293 60 | 21.188 552080 | 0.20 | -0.72 | 2.32 | 0.22 | 0.22 | 0.46 | 475000 0 | 525000 0 |
| 69.9934544 40 | 22.463 313100 | 0.17 | -0.61 | 2.81 | 0.24 | 0.24 | 0.46 | 480000 0 | 525000 0 |
| 69.9073402 30 | 23.728 754090 | 0.23 | -0.41 | 3.07 | 0.26 | 0.26 | 0.51 | 485000 0 | 525000 0 |
| 69.8130870 80 | 24.984 076140 | 0.40 | -0.11 | 3.24 | 0.36 | 0.36 | 0.62 | 490000 0 | 525000 0 |
| 69.7108028 60 | 26.228 526630 | 0.45 | 0.11 | 3.39 | 0.30 | 0.30 | 0.51 | 495000 0 | 525000 0 |
| 69.6006023 40 | 27.461 401280 | 0.40 | 0.25 | 3.46 | 0.29 | 0.29 | 0.48 | 500000 0 | 525000 0 |
| 69.4826065 80 | 28.682 045650 | 0.29 | 0.33 | 3.50 | 0.39 | 0.38 | 0.67 | 505000 0 | 525000 0 |
| 69.3569422 80 | 29.889 856290 | 0.17 | 0.36 | 3.38 | 0.41 | 0.41 | 0.73 | 510000 0 | 525000 0 |
| 69.2237411 70 | 31.084 281270 | 0.05 | 0.39 | 3.08 | 0.42 | 0.42 | 0.77 | 515000 0 | 525000 0 |
| 69.0831393 60 | 32.264 820430 | -0.07 | 0.41 | 2.64 | 0.43 | 0.43 | 0.80 | 520000 0 | 525000 0 |
| 66.5217694 40 | - 24.480 610650 | 4.54 | -16.07 | -0.31 | 0.41 | 0.41 | 0.73 | 285000 0 | 520000 0 |
| 66.7351574 60 | - 23.495 135330 | 4.28 | -16.90 | 1.18 | 0.40 | 0.41 | 0.72 | 290000 0 | 520000 0 |
| 69.8468021 70 | 15.887 754840 | 0.81 | -0.75 | -0.36 | 0.38 | 0.38 | 0.67 | 455000 0 | 520000 0 |
| 69.8037270 50 | 17.164 132330 | 0.72 | -0.77 | 0.65 | 0.36 | 0.36 | 0.62 | 460000 0 | 520000 0 |
| 69.7522873 90 | 18.435 173150 | 0.63 | -0.73 | 1.64 | 0.27 | 0.28 | 0.46 | 465000 0 | 520000 0 |
| 69.6925437 20 | 19.699 984100 | 0.50 | -0.69 | 2.41 | 0.28 | 0.28 | 0.48 | 470000 0 | 520000 0 |
| 69.6245655 60 | 20.957 701810 | 0.37 | -0.63 | 2.99 | 0.30 | 0.30 | 0.53 | 475000 0 | 520000 0 |
| 69.5484310 20 | 22.207 496270 | 0.33 | -0.47 | 3.41 | 0.27 | 0.26 | 0.50 | 480000 0 | 520000 0 |
| 69.4642263 30 | 23.448 573990 | 0.40 | -0.20 | 3.67 | 0.32 | 0.32 | 0.56 | 485000 0 | 520000 0 |
| 69.3720453 50 | 24.680 180740 | 0.44 | 0.03 | 3.93 | 0.37 | 0.37 | 0.63 | 490000 0 | 520000 0 |
| 69.2719890 60 | 25.901 603940 | 0.44 | 0.23 | 4.14 | 0.38 | 0.37 | 0.64 | 495000 0 | 520000 0 |
| 69.1641650 30 | 27.112 174570 | 0.39 | 0.42 | 4.24 | 0.37 | 0.36 | 0.64 | 500000 0 | 520000 0 |
| 69.0486868 | 28.311 | 0.30 | 0.54 | 4.26 | 0.39 | 0.38 | 0.68 | 505000 | 520000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|--------|-------|---------|---------|----------|---------|----------|
| 30 | 268660 | | | | | | | 0 | 0 |
| 68.925673460 | 29.498308370 | 0.18 | 0.55 | 4.09 | 0.41 | 0.40 | 0.72 | 510000 | 520000 |
| 68.795248830 | 30.672762690 | 0.07 | 0.55 | 3.72 | 0.42 | 0.42 | 0.76 | 515000 | 520000 |
| 68.657541090 | 31.834147720 | -0.04 | 0.54 | 3.20 | 0.43 | 0.43 | 0.79 | 520000 | 520000 |
| 68.512682160 | 32.982026570 | -0.12 | 0.55 | 2.59 | 0.43 | 0.43 | 0.81 | 525000 | 520000 |
| 66.134388660 | -23.905591150 | 4.60 | -16.89 | -0.05 | 0.33 | 0.34 | 0.57 | 285000 | 515000 |
| 66.344175400 | -22.929735060 | 4.24 | -17.72 | 1.75 | 0.32 | 0.32 | 0.54 | 290000 | 515000 |
| 66.548372630 | -21.939072180 | 4.84 | -17.40 | 0.74 | 0.40 | 0.40 | 0.71 | 295000 | 515000 |
| 66.746845540 | -20.933623570 | 5.06 | -17.24 | -1.29 | 0.43 | 0.43 | 0.78 | 300000 | 515000 |
| 69.428931910 | 14.512570610 | 0.84 | -0.82 | -0.62 | 0.38 | 0.38 | 0.68 | 450000 | 515000 |
| 69.395050370 | 15.767401640 | 0.98 | -0.71 | 0.26 | 0.25 | 0.24 | 0.43 | 455000 | 515000 |
| 69.352938440 | 17.018105960 | 0.68 | -0.83 | 1.47 | 0.28 | 0.29 | 0.49 | 460000 | 515000 |
| 69.302643890 | 18.263823090 | 0.40 | -0.90 | 2.62 | 0.23 | 0.25 | 0.43 | 465000 | 515000 |
| 69.244223230 | 19.503715790 | 0.43 | -0.77 | 3.25 | 0.21 | 0.24 | 0.43 | 470000 | 515000 |
| 69.177741430 | 20.736973470 | 0.58 | -0.49 | 3.65 | 0.29 | 0.29 | 0.49 | 475000 | 515000 |
| 69.103271500 | 21.962815500 | 0.60 | -0.23 | 3.98 | 0.30 | 0.30 | 0.49 | 480000 | 515000 |
| 69.020894130 | 23.180494020 | 0.60 | 0.08 | 4.20 | 0.17 | 0.17 | 0.28 | 485000 | 515000 |
| 68.930697230 | 24.389296530 | 0.51 | 0.15 | 4.62 | 0.35 | 0.35 | 0.59 | 490000 | 515000 |
| 68.832775430 | 25.588548040 | 0.45 | 0.32 | 4.89 | 0.39 | 0.38 | 0.67 | 495000 | 515000 |
| 68.727229670 | 26.777612880 | 0.38 | 0.56 | 5.06 | 0.38 | 0.35 | 0.66 | 500000 | 515000 |
| 68.614166590 | 27.955896160 | 0.28 | 0.77 | 5.12 | 0.36 | 0.30 | 0.62 | 505000 | 515000 |
| 68.493698110 | 29.122844840 | 0.19 | 0.74 | 4.91 | 0.37 | 0.36 | 0.64 | 510000 | 515000 |
| 68.365940840 | 30.277948430 | 0.07 | 0.70 | 4.45 | 0.40 | 0.39 | 0.70 | 515000 | 515000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 68.2310155 80 | 31.420 739390 | -0.03 | 0.67 | 3.82 | 0.42 | 0.42 | 0.77 | 520000 0 | 515000 0 |
| 68.0890467 90 | 32.550 793170 | -0.11 | 0.64 | 3.11 | 0.42 | 0.42 | 0.80 | 525000 0 | 515000 0 |
| 65.5331431 70 | - 24.301 625800 | 4.50 | -16.81 | -1.08 | 0.37 | 0.39 | 0.65 | 280000 0 | 510000 0 |
| 65.7448572 30 | - 23.349 544250 | 4.63 | -17.50 | 0.30 | 0.31 | 0.33 | 0.53 | 285000 0 | 510000 0 |
| 65.9511456 10 | - 22.383 310850 | 4.63 | -17.59 | 1.92 | 0.31 | 0.32 | 0.52 | 290000 0 | 510000 0 |
| 66.1518800 90 | - 21.402 935420 | 4.89 | -17.58 | 0.97 | 0.39 | 0.40 | 0.68 | 295000 0 | 510000 0 |
| 66.3469315 10 | - 20.408 454240 | 5.23 | -17.32 | -0.97 | 0.42 | 0.42 | 0.75 | 300000 0 | 510000 0 |
| 66.5361700 00 | - 19.399 931650 | 5.81 | -16.76 | -3.47 | 0.42 | 0.43 | 0.77 | 305000 0 | 510000 0 |
| 66.7194652 80 | - 18.377 461690 | 4.37 | -14.40 | -4.80 | 0.43 | 0.43 | 0.79 | 310000 0 | 510000 0 |
| 69.0016528 50 | 13.189 302840 | 0.75 | -0.95 | -0.82 | 0.41 | 0.41 | 0.74 | 445000 0 | 510000 0 |
| 68.9766039 20 | 14.422 331180 | 0.75 | -0.93 | 0.15 | 0.37 | 0.37 | 0.66 | 450000 0 | 510000 0 |
| 68.9434657 70 | 15.652 322910 | 0.71 | -0.92 | 1.21 | 0.30 | 0.30 | 0.51 | 455000 0 | 510000 0 |
| 68.9022745 70 | 16.878 453980 | 0.49 | -1.00 | 2.42 | 0.25 | 0.27 | 0.46 | 460000 0 | 510000 0 |
| 68.8530749 60 | 18.099 917810 | 0.34 | -0.98 | 3.51 | 0.24 | 0.26 | 0.45 | 465000 0 | 510000 0 |
| 68.7959197 80 | 19.315 928570 | 0.45 | -0.75 | 4.05 | 0.30 | 0.31 | 0.54 | 470000 0 | 510000 0 |
| 68.7308698 10 | 20.525 724420 | 0.65 | -0.45 | 4.42 | 0.30 | 0.30 | 0.52 | 475000 0 | 510000 0 |
| 68.6579934 20 | 21.728 570430 | 0.74 | -0.19 | 4.76 | 0.29 | 0.27 | 0.50 | 480000 0 | 510000 0 |
| 68.5773661 90 | 22.923 761160 | 0.63 | 0.01 | 5.10 | 0.29 | 0.29 | 0.49 | 485000 0 | 510000 0 |
| 68.4890705 50 | 24.110 623030 | 0.53 | 0.14 | 5.44 | 0.28 | 0.27 | 0.47 | 490000 0 | 510000 0 |
| 68.3931953 00 | 25.288 516330 | 0.41 | 0.32 | 5.66 | 0.37 | 0.37 | 0.64 | 495000 0 | 510000 0 |
| 68.2898352 30 | 26.456 836950 | 0.32 | 0.53 | 5.79 | 0.38 | 0.37 | 0.66 | 500000 0 | 510000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 68.1790906 30 | 27.615 017710 | 0.24 | 0.73 | 5.84 | 0.36 | 0.34 | 0.61 | 505000 0 | 510000 0 |
| 68.0610668 00 | 28.762 529440 | 0.17 | 0.85 | 5.78 | 0.23 | 0.23 | 0.38 | 510000 0 | 510000 0 |
| 67.9358736 30 | 29.898 881720 | 0.05 | 0.80 | 5.18 | 0.34 | 0.34 | 0.59 | 515000 0 | 510000 0 |
| 67.8036250 50 | 31.023 623330 | -0.07 | 0.74 | 4.41 | 0.41 | 0.41 | 0.74 | 520000 0 | 510000 0 |
| 67.6644385 90 | 32.136 342350 | -0.16 | 0.72 | 3.62 | 0.43 | 0.42 | 0.79 | 525000 0 | 510000 0 |
| 65.1450014 70 | - 23.754 746400 | 4.48 | -17.57 | -1.41 | 0.29 | 0.35 | 0.53 | 280000 0 | 505000 0 |
| 65.3532847 00 | - 22.811 653060 | 4.45 | -17.57 | 0.29 | 0.29 | 0.33 | 0.51 | 285000 0 | 505000 0 |
| 65.5561744 60 | - 21.855 024690 | 4.95 | -17.99 | 2.10 | 0.27 | 0.33 | 0.49 | 290000 0 | 505000 0 |
| 65.7535477 30 | - 20.884 885520 | 5.52 | -17.67 | 1.90 | 0.38 | 0.39 | 0.66 | 295000 0 | 505000 0 |
| 65.9452806 90 | - 19.901 284900 | 5.95 | -17.73 | 0.36 | 0.40 | 0.40 | 0.70 | 300000 0 | 505000 0 |
| 66.1312490 70 | - 18.904 298820 | 6.84 | -17.13 | -3.35 | 0.38 | 0.39 | 0.67 | 305000 0 | 505000 0 |
| 66.3113283 80 | - 17.894 031300 | 5.32 | -14.15 | -3.46 | 0.39 | 0.40 | 0.69 | 310000 0 | 505000 0 |
| 66.4853942 00 | - 16.870 615750 | 1.94 | -8.55 | -0.61 | 0.41 | 0.41 | 0.75 | 315000 0 | 505000 0 |
| 66.6533225 50 | - 15.834 216290 | 0.24 | -2.03 | -1.63 | 0.43 | 0.43 | 0.80 | 320000 0 | 505000 0 |
| 68.5655503 40 | 11.915 815560 | 0.75 | -1.02 | -1.14 | 0.41 | 0.41 | 0.74 | 440000 0 | 505000 0 |
| 68.5489831 40 | 13.126 924890 | 0.70 | -1.05 | -0.12 | 0.38 | 0.38 | 0.66 | 445000 0 | 505000 0 |
| 68.5244731 60 | 14.335 975300 | 0.58 | -1.08 | 1.02 | 0.32 | 0.32 | 0.58 | 450000 0 | 505000 0 |
| 68.4920461 30 | 15.542 181650 | 0.58 | -1.05 | 2.14 | 0.27 | 0.28 | 0.47 | 455000 0 | 505000 0 |
| 68.4517358 80 | 16.744 771240 | 0.56 | -1.01 | 3.21 | 0.28 | 0.30 | 0.45 | 460000 0 | 505000 0 |
| 68.4035841 90 | 17.942 986970 | 0.51 | -0.93 | 4.10 | 0.31 | 0.33 | 0.52 | 465000 0 | 505000 0 |
| 68.3476405 | 19.136 | 0.54 | -0.74 | 4.70 | 0.36 | 0.36 | 0.60 | 470000 | 505000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 40 | 090460 | | | | | | | 0 | 0 |
| 68.2839618 70 | 20.323 364890 | 0.58 | -0.50 | 5.20 | 0.34 | 0.34 | 0.57 | 475000 0 | 505000 0 |
| 68.2126122 50 | 21.504 117660 | 0.59 | -0.27 | 5.64 | 0.32 | 0.31 | 0.53 | 480000 0 | 505000 0 |
| 68.1336626 00 | 22.677 682780 | 0.54 | -0.07 | 5.97 | 0.34 | 0.33 | 0.57 | 485000 0 | 505000 0 |
| 68.0471902 80 | 23.843 423030 | 0.45 | 0.10 | 6.23 | 0.33 | 0.32 | 0.55 | 490000 0 | 505000 0 |
| 67.9532787 10 | 25.000 731840 | 0.33 | 0.27 | 6.37 | 0.36 | 0.34 | 0.60 | 495000 0 | 505000 0 |
| 67.8520170 30 | 26.149 034860 | 0.24 | 0.46 | 6.43 | 0.35 | 0.34 | 0.58 | 500000 0 | 505000 0 |
| 67.7434996 10 | 27.287 791300 | 0.17 | 0.62 | 6.41 | 0.34 | 0.34 | 0.57 | 505000 0 | 505000 0 |
| 67.6278256 50 | 28.416 494940 | 0.08 | 0.74 | 6.22 | 0.34 | 0.33 | 0.56 | 510000 0 | 505000 0 |
| 67.5050987 70 | 29.534 674880 | -0.03 | 0.74 | 5.68 | 0.37 | 0.36 | 0.64 | 515000 0 | 505000 0 |
| 67.3754265 20 | 30.641 896020 | -0.12 | 0.74 | 4.91 | 0.41 | 0.41 | 0.74 | 520000 0 | 505000 0 |
| 67.2389199 80 | 31.737 759280 | -0.23 | 0.76 | 4.09 | 0.43 | 0.43 | 0.80 | 525000 0 | 505000 0 |
| 67.0956933 20 | 32.821 901580 | -0.33 | 0.75 | 3.26 | 0.43 | 0.43 | 0.82 | 530000 0 | 505000 0 |
| 64.5446368 40 | - 24.146 399990 | 4.10 | -16.96 | -4.36 | 0.34 | 0.37 | 0.61 | 275000 0 | 500000 0 |
| 64.7548264 00 | - 23.225 251200 | 4.46 | -17.33 | -2.46 | 0.31 | 0.35 | 0.55 | 280000 0 | 500000 0 |
| 64.9597737 10 | - 22.291 140050 | 4.93 | -18.05 | 0.10 | 0.31 | 0.34 | 0.54 | 285000 0 | 500000 0 |
| 65.1593615 00 | - 21.344 080670 | 5.40 | -18.11 | 2.85 | 0.31 | 0.35 | 0.54 | 290000 0 | 500000 0 |
| 65.3534716 90 | - 20.384 109760 | 6.22 | -18.36 | 4.74 | 0.36 | 0.37 | 0.62 | 295000 0 | 500000 0 |
| 65.5419856 40 | - 19.411 287920 | 7.40 | -17.98 | 4.09 | 0.36 | 0.37 | 0.62 | 300000 0 | 500000 0 |
| 65.7247843 90 | - 18.425 700930 | 8.54 | -17.45 | 0.32 | 0.23 | 0.27 | 0.41 | 305000 0 | 500000 0 |
| 65.9017489 40 | - 17.427 461050 | 7.35 | -15.28 | 0.52 | 0.30 | 0.31 | 0.51 | 310000 0 | 500000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 66.0727605 30 | - 16.416 708160 | 1.32 | -3.68 | 2.34 | 0.37 | 0.37 | 0.64 | 315000 0 | 500000 0 |
| 66.2377009 40 | - 15.393 610890 | 0.17 | -0.55 | -0.47 | 0.42 | 0.42 | 0.76 | 320000 0 | 500000 0 |
| 66.3964528 30 | - 14.358 367690 | 0.72 | -1.00 | -1.37 | 0.44 | 0.44 | 0.82 | 325000 0 | 500000 0 |
| 66.5489000 60 | - 13.311 207700 | 0.75 | -0.94 | -1.09 | 0.44 | 0.44 | 0.85 | 330000 0 | 500000 0 |
| 68.1127467 90 | 11.879 173910 | 0.77 | -1.07 | -0.53 | 0.37 | 0.37 | 0.65 | 440000 0 | 500000 0 |
| 68.0965289 70 | 13.067 181750 | 0.70 | -1.08 | 0.51 | 0.27 | 0.27 | 0.46 | 445000 0 | 500000 0 |
| 68.0725349 30 | 14.253 259000 | 0.51 | -1.18 | 1.82 | 0.25 | 0.25 | 0.46 | 450000 0 | 500000 0 |
| 68.0407887 60 | 15.436 668950 | 0.52 | -1.13 | 2.95 | 0.29 | 0.30 | 0.49 | 455000 0 | 500000 0 |
| 68.0013221 60 | 16.616 686080 | 0.55 | -1.04 | 3.87 | 0.33 | 0.34 | 0.55 | 460000 0 | 500000 0 |
| 67.9541742 70 | 17.792 598910 | 0.60 | -0.89 | 4.61 | 0.34 | 0.35 | 0.57 | 465000 0 | 500000 0 |
| 67.8993914 90 | 18.963 712830 | 0.61 | -0.72 | 5.24 | 0.35 | 0.35 | 0.58 | 470000 0 | 500000 0 |
| 67.8370272 20 | 20.129 352670 | 0.56 | -0.52 | 5.84 | 0.32 | 0.32 | 0.53 | 475000 0 | 500000 0 |
| 67.7671416 10 | 21.288 865090 | 0.48 | -0.33 | 6.41 | 0.24 | 0.24 | 0.39 | 480000 0 | 500000 0 |
| 67.6898012 40 | 22.441 620820 | 0.44 | -0.10 | 6.70 | 0.36 | 0.36 | 0.61 | 485000 0 | 500000 0 |
| 67.6050788 10 | 23.587 016630 | 0.35 | 0.09 | 6.88 | 0.36 | 0.34 | 0.61 | 490000 0 | 500000 0 |
| 67.5130527 90 | 24.724 477030 | 0.24 | 0.28 | 6.97 | 0.34 | 0.31 | 0.58 | 495000 0 | 500000 0 |
| 67.4138070 60 | 25.853 455810 | 0.16 | 0.44 | 7.01 | 0.27 | 0.27 | 0.45 | 500000 0 | 500000 0 |
| 67.3074305 20 | 26.973 437240 | 0.07 | 0.57 | 6.90 | 0.30 | 0.30 | 0.49 | 505000 0 | 500000 0 |
| 67.1940167 10 | 28.083 937100 | -0.01 | 0.63 | 6.60 | 0.38 | 0.36 | 0.64 | 510000 0 | 500000 0 |
| 67.0736634 20 | 29.184 503410 | -0.11 | 0.64 | 6.09 | 0.39 | 0.35 | 0.68 | 515000 0 | 500000 0 |
| 66.9464722 70 | 30.274 716920 | -0.21 | 0.74 | 5.31 | 0.41 | 0.40 | 0.74 | 520000 0 | 500000 0 |
| 66.8125483 00 | 31.354 191410 | -0.30 | 0.80 | 4.47 | 0.43 | 0.43 | 0.79 | 525000 0 | 500000 0 |
| 66.6719996 | 32.422 | -0.41 | 0.80 | 3.62 | 0.44 | 0.44 | 0.82 | 530000 | 500000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 10 | 573760 | | | | | | | 0 | 0 |
| 63.9437877 50 | - 24.525 468360 | 3.53 | -15.52 | -5.16 | 0.41 | 0.42 | 0.76 | 270000 0 | 495000 0 |
| 64.1558021 70 | - 23.625 153920 | 3.88 | -16.21 | -5.88 | 0.37 | 0.37 | 0.66 | 275000 0 | 495000 0 |
| 64.3627170 30 | - 22.712 417710 | 3.87 | -16.99 | -2.99 | 0.32 | 0.32 | 0.55 | 280000 0 | 495000 0 |
| 64.5644205 00 | - 21.787 265400 | 4.51 | -18.24 | 0.72 | 0.26 | 0.28 | 0.47 | 285000 0 | 495000 0 |
| 64.7607998 60 | - 20.849 722980 | 4.77 | -18.96 | 4.70 | 0.28 | 0.31 | 0.50 | 290000 0 | 495000 0 |
| 64.9517418 30 | - 19.899 837920 | 6.31 | -18.52 | 10.23 | 0.26 | 0.29 | 0.49 | 295000 0 | 495000 0 |
| 65.1371326 90 | - 18.937 680430 | 9.32 | -17.82 | 12.63 | 0.31 | 0.32 | 0.54 | 300000 0 | 495000 0 |
| 65.3168585 60 | - 17.963 344500 | 11.63 | -18.03 | 8.11 | 0.29 | 0.31 | 0.50 | 305000 0 | 495000 0 |
| 65.4908056 70 | - 16.976 949070 | 8.92 | -12.70 | 4.60 | 0.24 | 0.25 | 0.40 | 310000 0 | 495000 0 |
| 65.6588606 20 | - 15.978 639070 | 1.44 | -0.18 | 4.93 | 0.34 | 0.34 | 0.57 | 315000 0 | 495000 0 |
| 65.8209106 60 | - 14.968 586340 | 0.65 | -0.35 | -0.36 | 0.41 | 0.41 | 0.73 | 320000 0 | 495000 0 |
| 65.9768440 10 | - 13.946 990570 | 0.90 | -0.61 | -0.95 | 0.43 | 0.43 | 0.81 | 325000 0 | 495000 0 |
| 67.6684183 00 | 10.677 077330 | 0.79 | -1.18 | -0.87 | 0.42 | 0.42 | 0.76 | 435000 0 | 495000 0 |
| 67.6601671 00 | 11.844 050690 | 0.76 | -1.16 | 0.10 | 0.37 | 0.37 | 0.65 | 440000 0 | 495000 0 |
| 67.6442839 90 | 13.009 910850 | 0.70 | -1.15 | 1.19 | 0.29 | 0.29 | 0.47 | 445000 0 | 495000 0 |
| 67.6207842 80 | 14.173 958370 | 0.57 | -1.19 | 2.48 | 0.29 | 0.31 | 0.49 | 450000 0 | 495000 0 |
| 67.5896905 70 | 15.335 501120 | 0.49 | -1.18 | 3.68 | 0.26 | 0.27 | 0.44 | 455000 0 | 495000 0 |
| 67.5510325 80 | 16.493 857030 | 0.52 | -1.09 | 4.53 | 0.31 | 0.29 | 0.52 | 460000 0 | 495000 0 |
| 67.5048470 | 17.648 | 0.66 | -0.90 | 5.12 | 0.29 | 0.29 | 0.48 | 465000 | 495000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 50 | 356750 | | | | | | | 0 | 0 |
| 67.4511775 20 | 18.798 346090 | 0.68 | -0.72 | 5.73 | 0.27 | 0.27 | 0.44 | 470000 0 | 495000 0 |
| 67.3900741 50 | 19.943 188440 | 0.58 | -0.54 | 6.38 | 0.36 | 0.36 | 0.60 | 475000 0 | 495000 0 |
| 67.3215934 50 | 21.082 266970 | 0.47 | -0.33 | 6.91 | 0.37 | 0.37 | 0.62 | 480000 0 | 495000 0 |
| 67.2457980 10 | 22.214 986590 | 0.37 | -0.12 | 7.24 | 0.38 | 0.38 | 0.65 | 485000 0 | 495000 0 |
| 67.1627562 30 | 23.340 775830 | 0.26 | 0.11 | 7.44 | 0.36 | 0.34 | 0.62 | 490000 0 | 495000 0 |
| 67.0725419 90 | 24.459 088410 | 0.15 | 0.34 | 7.49 | 0.34 | 0.32 | 0.59 | 495000 0 | 495000 0 |
| 66.9752343 00 | 25.569 404650 | 0.06 | 0.52 | 7.51 | 0.35 | 0.33 | 0.59 | 500000 0 | 495000 0 |
| 66.8709170 00 | 26.671 232650 | -0.02 | 0.63 | 7.33 | 0.36 | 0.35 | 0.61 | 505000 0 | 495000 0 |
| 66.7596783 60 | 27.764 109240 | -0.10 | 0.66 | 6.93 | 0.39 | 0.37 | 0.67 | 510000 0 | 495000 0 |
| 66.6416107 50 | 28.847 600690 | -0.20 | 0.70 | 6.37 | 0.38 | 0.36 | 0.67 | 515000 0 | 495000 0 |
| 66.5168102 40 | 29.921 303280 | -0.29 | 0.81 | 5.60 | 0.40 | 0.39 | 0.70 | 520000 0 | 495000 0 |
| 66.3853762 70 | 30.984 843610 | -0.39 | 0.85 | 4.78 | 0.42 | 0.42 | 0.76 | 525000 0 | 495000 0 |
| 66.2474112 30 | 32.037 878660 | -0.48 | 0.84 | 3.93 | 0.44 | 0.43 | 0.81 | 530000 0 | 495000 0 |
| 63.5562389 40 | - 24.012 317500 | 3.36 | -14.21 | -5.78 | 0.42 | 0.42 | 0.77 | 270000 0 | 490000 0 |
| 63.7650383 90 | - 23.119 893670 | 3.73 | -14.78 | -8.17 | 0.35 | 0.35 | 0.67 | 275000 0 | 490000 0 |
| 63.9687663 60 | - 22.215 557280 | 3.39 | -15.27 | -4.40 | 0.26 | 0.26 | 0.46 | 280000 0 | 490000 0 |
| 64.1673152 40 | - 21.299 325250 | 4.84 | -13.75 | -2.97 | 0.28 | 0.28 | 0.47 | 285000 0 | 490000 0 |
| 64.3605767 40 | - 20.371 233890 | 3.35 | -16.11 | 8.12 | 0.29 | 0.29 | 0.51 | 290000 0 | 490000 0 |
| 64.5484421 30 | - 19.431 339990 | 4.93 | -16.32 | 16.31 | 0.24 | 0.23 | 0.46 | 295000 0 | 490000 0 |
| 64.7308024 00 | - 18.479 721830 | 8.07 | -16.06 | 22.76 | 0.27 | 0.31 | 0.50 | 300000 0 | 490000 0 |
| 64.9075485 40 | - 17.516 | 16.69 | -21.14 | 17.16 | 0.27 | 0.31 | 0.50 | 305000 | 490000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 480240 | | | | | | | 0 | 0 |
| 65.0785717 50 | - 16.541 739530 | 5.64 | -4.95 | 10.92 | 0.30 | 0.32 | 0.52 | 310000 0 | 490000 0 |
| 65.2437637 10 | - 15.555 648400 | 2.66 | 1.20 | 8.03 | 0.32 | 0.33 | 0.55 | 315000 0 | 490000 0 |
| 65.4030168 60 | - 14.558 380800 | 1.16 | 0.11 | 0.75 | 0.40 | 0.40 | 0.71 | 320000 0 | 490000 0 |
| 65.5562246 60 | - 13.550 136640 | 1.09 | -0.03 | -0.34 | 0.43 | 0.43 | 0.80 | 325000 0 | 490000 0 |
| 67.2158882 30 | 10.664 698780 | 0.78 | -1.27 | -0.26 | 0.42 | 0.42 | 0.77 | 435000 0 | 490000 0 |
| 67.2078039 30 | 11.810 353940 | 0.73 | -1.29 | 0.76 | 0.39 | 0.39 | 0.68 | 440000 0 | 490000 0 |
| 67.1922417 60 | 12.954 962720 | 0.65 | -1.27 | 1.92 | 0.34 | 0.35 | 0.58 | 445000 0 | 490000 0 |
| 67.1692161 00 | 14.097 867470 | 0.49 | -1.27 | 3.22 | 0.24 | 0.28 | 0.43 | 450000 0 | 490000 0 |
| 67.1387481 50 | 15.238 417150 | 0.40 | -1.24 | 4.38 | 0.27 | 0.27 | 0.46 | 455000 0 | 490000 0 |
| 67.1008658 30 | 16.375 969810 | 0.49 | -1.14 | 5.19 | 0.27 | 0.26 | 0.47 | 460000 0 | 490000 0 |
| 67.0556036 70 | 17.509 894970 | 0.71 | -0.95 | 5.61 | 0.24 | 0.24 | 0.40 | 465000 0 | 490000 0 |
| 67.0030025 70 | 18.639 575880 | 0.67 | -0.75 | 6.22 | 0.31 | 0.31 | 0.52 | 470000 0 | 490000 0 |
| 66.9431097 00 | 19.764 411710 | 0.56 | -0.56 | 6.82 | 0.37 | 0.37 | 0.63 | 475000 0 | 490000 0 |
| 66.8759782 00 | 20.883 819520 | 0.44 | -0.37 | 7.29 | 0.38 | 0.38 | 0.65 | 480000 0 | 490000 0 |
| 66.8016670 00 | 21.997 236130 | 0.32 | -0.16 | 7.63 | 0.37 | 0.37 | 0.63 | 485000 0 | 490000 0 |
| 66.7202405 10 | 23.104 119770 | 0.19 | 0.07 | 7.87 | 0.34 | 0.34 | 0.57 | 490000 0 | 490000 0 |
| 66.6317683 30 | 24.203 951590 | 0.07 | 0.30 | 7.98 | 0.35 | 0.34 | 0.59 | 495000 0 | 490000 0 |
| 66.5363250 00 | 25.296 236950 | -0.03 | 0.55 | 7.98 | 0.35 | 0.32 | 0.59 | 500000 0 | 490000 0 |
| 66.4339896 30 | 26.380 506560 | -0.11 | 0.68 | 7.69 | 0.37 | 0.34 | 0.64 | 505000 0 | 490000 0 |
| 66.3248456 00 | 27.456 317350 | -0.18 | 0.74 | 7.17 | 0.38 | 0.37 | 0.66 | 510000 0 | 490000 0 |
| 66.2089802 30 | 28.523 253220 | -0.26 | 0.86 | 6.54 | 0.34 | 0.33 | 0.57 | 515000 0 | 490000 0 |
| 66.0864844 40 | 29.580 925560 | -0.37 | 0.95 | 5.80 | 0.32 | 0.31 | 0.54 | 520000 0 | 490000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 65.9574523 80 | 30.628 973610 | -0.47 | 0.92 | 5.02 | 0.40 | 0.40 | 0.71 | 525000 0 | 490000 0 |
| 65.8219811 40 | 31.667 064610 | -0.56 | 0.88 | 4.18 | 0.43 | 0.43 | 0.79 | 530000 0 | 490000 0 |
| 65.6801703 90 | 32.694 893810 | -0.64 | 0.83 | 3.29 | 0.44 | 0.44 | 0.83 | 535000 0 | 490000 0 |
| 63.3724354 20 | - 22.629 977310 | 3.55 | -7.95 | -9.17 | 0.40 | 0.40 | 0.72 | 275000 0 | 485000 0 |
| 63.5730617 30 | - 21.734 013580 | 3.19 | -1.71 | -3.33 | 0.36 | 0.36 | 0.62 | 280000 0 | 485000 0 |
| 63.7685425 20 | - 20.826 650020 | 2.42 | -2.77 | 3.38 | 0.32 | 0.33 | 0.53 | 285000 0 | 485000 0 |
| 63.9587737 50 | - 19.907 931920 | 1.17 | -11.21 | 14.82 | 0.26 | 0.26 | 0.46 | 290000 0 | 485000 0 |
| 64.1436510 70 | - 18.977 924000 | 2.13 | -8.52 | 17.59 | 0.30 | 0.30 | 0.52 | 295000 0 | 485000 0 |
| 64.3230699 70 | - 18.036 711390 | 2.33 | -12.80 | 24.23 | 0.31 | 0.34 | 0.54 | 300000 0 | 485000 0 |
| 64.4969260 60 | - 17.084 400460 | 8.69 | -5.27 | 24.73 | 0.34 | 0.35 | 0.58 | 305000 0 | 485000 0 |
| 64.6651152 70 | - 16.121 119740 | 0.94 | 6.17 | 19.84 | 0.30 | 0.32 | 0.51 | 310000 0 | 485000 0 |
| 64.8275341 30 | - 15.147 020660 | 2.23 | 4.30 | 10.20 | 0.30 | 0.32 | 0.52 | 315000 0 | 485000 0 |
| 64.9840799 60 | - 14.162 278270 | 1.73 | 1.85 | 2.64 | 0.39 | 0.40 | 0.70 | 320000 0 | 485000 0 |
| 66.7556499 70 | 11.777 998980 | 0.71 | -1.38 | 1.37 | 0.37 | 0.38 | 0.64 | 440000 0 | 485000 0 |
| 66.7403957 80 | 12.902 199730 | 0.62 | -1.35 | 2.51 | 0.28 | 0.30 | 0.48 | 445000 0 | 485000 0 |
| 66.7178250 60 | 14.024 796620 | 0.45 | -1.31 | 3.86 | 0.26 | 0.29 | 0.46 | 450000 0 | 485000 0 |
| 66.6879577 60 | 15.145 176550 | 0.39 | -1.24 | 5.07 | 0.25 | 0.28 | 0.47 | 455000 0 | 485000 0 |
| 66.6508201 10 | 16.262 734640 | 0.48 | -1.10 | 5.76 | 0.31 | 0.32 | 0.54 | 460000 0 | 485000 0 |
| 66.6064445 90 | 17.376 876380 | 0.59 | -0.94 | 6.24 | 0.30 | 0.30 | 0.50 | 465000 0 | 485000 0 |
| 66.5548696 80 | 18.487 019730 | 0.57 | -0.76 | 6.77 | 0.29 | 0.29 | 0.47 | 470000 0 | 485000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 66.4961397 90 | 19.592 597070 | 0.50 | -0.60 | 7.26 | 0.33 | 0.33 | 0.54 | 475000 0 | 485000 0 |
| 66.4303049 50 | 20.693 057010 | 0.41 | -0.40 | 7.62 | 0.34 | 0.34 | 0.56 | 480000 0 | 485000 0 |
| 66.3574206 80 | 21.787 866130 | 0.29 | -0.20 | 7.97 | 0.33 | 0.33 | 0.55 | 485000 0 | 485000 0 |
| 66.2775477 00 | 22.876 510460 | 0.14 | 0.01 | 8.28 | 0.16 | 0.16 | 0.26 | 490000 0 | 485000 0 |
| 66.1907516 70 | 23.958 496930 | -0.01 | 0.24 | 8.42 | 0.25 | 0.25 | 0.42 | 495000 0 | 485000 0 |
| 66.0971029 40 | 25.033 354540 | -0.11 | 0.46 | 8.29 | 0.31 | 0.30 | 0.52 | 500000 0 | 485000 0 |
| 65.9966762 40 | 26.100 635420 | -0.17 | 0.61 | 7.88 | 0.36 | 0.34 | 0.62 | 505000 0 | 485000 0 |
| 65.8895504 10 | 27.159 915710 | -0.25 | 0.72 | 7.33 | 0.36 | 0.33 | 0.63 | 510000 0 | 485000 0 |
| 65.7758080 50 | 28.210 796240 | -0.34 | 0.89 | 6.70 | 0.33 | 0.32 | 0.56 | 515000 0 | 485000 0 |
| 65.6555352 40 | 29.252 903100 | -0.47 | 0.99 | 6.00 | 0.31 | 0.30 | 0.52 | 520000 0 | 485000 0 |
| 65.5288212 50 | 30.285 887960 | -0.56 | 0.95 | 5.24 | 0.39 | 0.39 | 0.69 | 525000 0 | 485000 0 |
| 65.3957581 60 | 31.309 428310 | -0.65 | 0.90 | 4.39 | 0.42 | 0.42 | 0.77 | 530000 0 | 485000 0 |
| 65.2564406 10 | 32.323 227490 | -0.71 | 0.84 | 3.49 | 0.44 | 0.44 | 0.82 | 535000 0 | 485000 0 |
| 65.1109654 60 | 33.327 014620 | -0.77 | 0.77 | 2.58 | 0.44 | 0.44 | 0.84 | 540000 0 | 485000 0 |
| 63.3681816 60 | - 20.368 602820 | 1.06 | -1.04 | 1.65 | 0.18 | 0.23 | 0.33 | 285000 0 | 480000 0 |
| 63.5554673 60 | - 19.459 169940 | -0.87 | -2.29 | 7.04 | 0.33 | 0.34 | 0.56 | 290000 0 | 480000 0 |
| 63.7374420 60 | - 18.538 934050 | -1.22 | -1.25 | 14.77 | 0.34 | 0.35 | 0.58 | 295000 0 | 480000 0 |
| 63.9140055 90 | - 17.607 985940 | -4.52 | -1.25 | 20.39 | 0.15 | 0.24 | 0.34 | 300000 0 | 480000 0 |
| 64.0850579 60 | - 16.666 436510 | -1.99 | 3.88 | 24.95 | 0.34 | 0.35 | 0.58 | 305000 0 | 480000 0 |
| 64.2504996 00 | - 15.714 417450 | -2.06 | 6.80 | 15.20 | 0.28 | 0.28 | 0.46 | 310000 0 | 480000 0 |
| 64.4102316 20 | - 14.752 082000 | 0.30 | 5.08 | 7.64 | 0.29 | 0.29 | 0.49 | 315000 0 | 480000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 64.5641560 10 | - 13.779 605520 | 1.17 | 2.06 | 2.62 | 0.40 | 0.40 | 0.71 | 320000 0 | 480000 0 |
| 66.3114682 30 | 10.641 392700 | 0.76 | -1.44 | 0.90 | 0.40 | 0.40 | 0.71 | 435000 0 | 480000 0 |
| 66.3036978 80 | 11.746 907720 | 0.68 | -1.46 | 1.99 | 0.33 | 0.33 | 0.56 | 440000 0 | 480000 0 |
| 66.2887394 70 | 12.851 494900 | 0.55 | -1.45 | 3.16 | 0.24 | 0.25 | 0.40 | 445000 0 | 480000 0 |
| 66.2666057 20 | 13.954 570780 | 0.38 | -1.37 | 4.54 | 0.23 | 0.27 | 0.44 | 450000 0 | 480000 0 |
| 66.2373153 90 | 15.055 557320 | 0.41 | -1.24 | 5.52 | 0.32 | 0.34 | 0.57 | 455000 0 | 480000 0 |
| 66.2008931 90 | 16.153 883930 | 0.47 | -1.09 | 6.20 | 0.35 | 0.36 | 0.61 | 460000 0 | 480000 0 |
| 66.1573696 80 | 17.248 989470 | 0.50 | -0.90 | 6.78 | 0.33 | 0.33 | 0.55 | 465000 0 | 480000 0 |
| 66.1067811 30 | 18.340 324070 | 0.47 | -0.72 | 7.32 | 0.28 | 0.28 | 0.46 | 470000 0 | 480000 0 |
| 66.0491693 60 | 19.427 351000 | 0.45 | -0.56 | 7.72 | 0.29 | 0.29 | 0.47 | 475000 0 | 480000 0 |
| 65.9845815 50 | 20.509 548260 | 0.36 | -0.39 | 7.98 | 0.27 | 0.27 | 0.45 | 480000 0 | 480000 0 |
| 65.9130700 40 | 21.586 410210 | 0.25 | -0.20 | 8.20 | 0.31 | 0.31 | 0.51 | 485000 0 | 480000 0 |
| 65.8346921 50 | 22.657 448950 | 0.15 | -0.01 | 8.55 | 0.28 | 0.28 | 0.51 | 490000 0 | 480000 0 |
| 65.7495098 60 | 23.722 195620 | 0.01 | 0.21 | 8.65 | 0.28 | 0.28 | 0.51 | 495000 0 | 480000 0 |
| 65.6575896 40 | 24.780 201520 | -0.14 | 0.44 | 8.42 | 0.34 | 0.34 | 0.57 | 500000 0 | 480000 0 |
| 65.5590021 40 | 25.831 039110 | -0.24 | 0.64 | 7.98 | 0.34 | 0.33 | 0.58 | 505000 0 | 480000 0 |
| 65.4538219 60 | 26.874 302840 | -0.34 | 0.76 | 7.44 | 0.35 | 0.34 | 0.60 | 510000 0 | 480000 0 |
| 65.3421273 00 | 27.909 609810 | -0.46 | 0.86 | 6.85 | 0.37 | 0.36 | 0.64 | 515000 0 | 480000 0 |
| 65.2239997 50 | 28.936 600320 | -0.60 | 0.92 | 6.23 | 0.36 | 0.31 | 0.62 | 520000 0 | 480000 0 |
| 65.0995239 40 | 29.954 938230 | -0.66 | 0.93 | 5.45 | 0.39 | 0.37 | 0.67 | 525000 0 | 480000 0 |
| 64.9687873 20 | 30.964 311200 | -0.72 | 0.89 | 4.57 | 0.41 | 0.41 | 0.73 | 530000 0 | 480000 0 |
| 64.8318797 90 | 31.964 430810 | -0.76 | 0.84 | 3.66 | 0.43 | 0.43 | 0.79 | 535000 0 | 480000 0 |
| 64.6888934 70 | 32.955 032480 | -0.81 | 0.78 | 2.72 | 0.44 | 0.44 | 0.83 | 540000 0 | 480000 0 |
| 63.3298837 70 | - 18.113 | -2.73 | 1.34 | 13.13 | 0.39 | 0.40 | 0.69 | 295000 0 | 475000 0 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|-------|-------|---------|---------|----------|---------|----------|
| | 748220 | | | | | | | | |
| 63.503674850 | -17.192917760 | -4.65 | 3.11 | 19.50 | 0.37 | 0.39 | 0.66 | 300000 | 475000 |
| 63.672006600 | -16.261956440 | -4.69 | 5.65 | 22.26 | 0.38 | 0.39 | 0.67 | 305000 | 475000 |
| 63.834783750 | -15.320998280 | -3.03 | 5.14 | 14.66 | 0.36 | 0.36 | 0.62 | 310000 | 475000 |
| 63.991911760 | -14.370197530 | -0.70 | 3.49 | 7.76 | 0.37 | 0.37 | 0.64 | 315000 | 475000 |
| 64.143297020 | -13.409729140 | 0.40 | 2.12 | 3.50 | 0.41 | 0.41 | 0.75 | 320000 | 475000 |
| 65.859562900 | 10.630409880 | 0.78 | -1.47 | 1.41 | 0.38 | 0.38 | 0.67 | 435000 | 475000 |
| 65.851940360 | 11.717008010 | 0.74 | -1.50 | 2.58 | 0.27 | 0.27 | 0.44 | 440000 | 475000 |
| 65.837266220 | 12.802730950 | 0.53 | -1.48 | 3.85 | 0.27 | 0.27 | 0.45 | 445000 | 475000 |
| 65.815552480 | 13.887028210 | 0.37 | -1.39 | 5.09 | 0.24 | 0.25 | 0.45 | 450000 | 475000 |
| 65.786816800 | 14.969354230 | 0.45 | -1.23 | 5.83 | 0.34 | 0.34 | 0.58 | 455000 | 475000 |
| 65.751082470 | 16.049170230 | 0.48 | -1.08 | 6.54 | 0.32 | 0.32 | 0.54 | 460000 | 475000 |
| 65.708378290 | 17.125945980 | 0.49 | -0.87 | 7.16 | 0.34 | 0.34 | 0.57 | 465000 | 475000 |
| 65.658738470 | 18.199161550 | 0.47 | -0.62 | 7.73 | 0.34 | 0.34 | 0.57 | 470000 | 475000 |
| 65.602202440 | 19.268308920 | 0.43 | -0.44 | 8.15 | 0.33 | 0.33 | 0.55 | 475000 | 475000 |
| 65.538814730 | 20.332893520 | 0.31 | -0.33 | 8.36 | 0.30 | 0.30 | 0.50 | 480000 | 475000 |
| 65.468624750 | 21.392435670 | 0.14 | -0.24 | 8.51 | 0.27 | 0.27 | 0.45 | 485000 | 475000 |
| 65.391686630 | 22.446471910 | 0.03 | -0.07 | 8.72 | 0.33 | 0.33 | 0.57 | 490000 | 475000 |
| 65.308058950 | 23.494556130 | -0.07 | 0.16 | 8.72 | 0.36 | 0.36 | 0.63 | 495000 | 475000 |
| 65.217804570 | 24.536260690 | -0.20 | 0.45 | 8.46 | 0.36 | 0.36 | 0.62 | 500000 | 475000 |
| 65.120990340 | 25.571177330 | -0.33 | 0.73 | 8.00 | 0.24 | 0.24 | 0.40 | 505000 | 475000 |
| 65.017686880 | 26.598917920 | -0.44 | 0.81 | 7.45 | 0.32 | 0.31 | 0.53 | 510000 | 475000 |
| 64.9079683 | 27.619 | -0.56 | 0.83 | 6.89 | 0.38 | 0.36 | 0.65 | 515000 | 475000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 10 | 115180 | | | | | | | 0 | 0 |
| 64.7919120 00 | 28.631 423140 | -0.68 | 0.87 | 6.29 | 0.36 | 0.32 | 0.63 | 520000 | 475000 |
| 64.6695982 80 | 29.635 517570 | -0.75 | 0.89 | 5.55 | 0.35 | 0.34 | 0.60 | 525000 | 475000 |
| 64.5411101 90 | 30.631 096180 | -0.79 | 0.88 | 4.71 | 0.36 | 0.36 | 0.62 | 530000 | 475000 |
| 64.4065332 10 | 31.617 878810 | -0.81 | 0.83 | 3.79 | 0.41 | 0.41 | 0.73 | 535000 | 475000 |
| 64.2659550 00 | 32.595 607400 | -0.84 | 0.75 | 2.84 | 0.43 | 0.43 | 0.80 | 540000 | 475000 |
| 64.1194651 10 | 33.564 045920 | -0.87 | 0.69 | 1.87 | 0.44 | 0.44 | 0.84 | 545000 | 475000 |
| 63.2578301 30 | - 15.870 362800 | -4.81 | 5.02 | 19.40 | 0.42 | 0.42 | 0.76 | 305000 | 470000 |
| 63.4180226 70 | - 14.940 263360 | -3.23 | 4.11 | 14.13 | 0.42 | 0.42 | 0.76 | 310000 | 470000 |
| 63.5726261 80 | - 14.000 768720 | -1.27 | 2.87 | 8.34 | 0.42 | 0.42 | 0.77 | 315000 | 470000 |
| 65.4084046 60 | 9.5511 44124 | 0.77 | -1.42 | 0.77 | 0.41 | 0.41 | 0.74 | 430000 | 470000 |
| 65.4078504 70 | 10.619 840490 | 0.78 | -1.44 | 1.80 | 0.37 | 0.37 | 0.65 | 435000 | 470000 |
| 65.4003700 80 | 11.688 233120 | 0.73 | -1.44 | 3.01 | 0.31 | 0.31 | 0.52 | 440000 | 470000 |
| 65.3859693 60 | 12.755 799330 | 0.55 | -1.42 | 4.28 | 0.30 | 0.29 | 0.50 | 445000 | 470000 |
| 65.3646596 10 | 13.822 019210 | 0.45 | -1.32 | 5.33 | 0.29 | 0.28 | 0.50 | 450000 | 470000 |
| 65.3364575 00 | 14.886 377300 | 0.55 | -1.17 | 6.05 | 0.32 | 0.32 | 0.53 | 455000 | 470000 |
| 65.3013849 90 | 15.948 364330 | 0.53 | -1.04 | 6.76 | 0.25 | 0.25 | 0.40 | 460000 | 470000 |
| 65.2594692 70 | 17.007 478830 | 0.48 | -0.83 | 7.42 | 0.31 | 0.31 | 0.52 | 465000 | 470000 |
| 65.2107426 10 | 18.063 228670 | 0.49 | -0.54 | 8.09 | 0.30 | 0.30 | 0.50 | 470000 | 470000 |
| 65.1552422 40 | 19.115 132620 | 0.44 | -0.33 | 8.59 | 0.25 | 0.25 | 0.40 | 475000 | 470000 |
| 65.0930102 20 | 20.162 721690 | 0.25 | -0.31 | 8.78 | 0.32 | 0.32 | 0.53 | 480000 | 470000 |
| 65.0240932 50 | 21.205 540520 | 0.01 | -0.27 | 8.87 | 0.22 | 0.21 | 0.35 | 485000 | 470000 |
| 64.9485424 80 | 22.243 148530 | -0.09 | -0.18 | 8.86 | 0.33 | 0.33 | 0.56 | 490000 | 470000 |
| 64.8664133 | 23.275 | -0.17 | 0.11 | 8.74 | 0.39 | 0.39 | 0.67 | 495000 | 470000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|------|------------|------------|-------------|-------------|--------------|
| 50 | 121050 | | | | | | | 0 | 0 |
| 64.7777653 20 | 24.301 050300 | -0.27 | 0.43 | 8.43 | 0.39 | 0.39 | 0.68 | 500000 | 470000 |
| 64.6826617 30 | 25.320 546270 | -0.37 | 0.68 | 7.92 | 0.36 | 0.36 | 0.61 | 505000 | 470000 |
| 64.5811694 80 | 26.333 237480 | -0.49 | 0.79 | 7.37 | 0.36 | 0.35 | 0.62 | 510000 | 470000 |
| 64.4733588 60 | 27.338 771580 | -0.63 | 0.80 | 6.77 | 0.37 | 0.33 | 0.64 | 515000 | 470000 |
| 64.3593032 90 | 28.336 815840 | -0.73 | 0.82 | 6.18 | 0.36 | 0.34 | 0.63 | 520000 | 470000 |
| 64.2390790 70 | 29.327 057610 | -0.81 | 0.86 | 5.53 | 0.30 | 0.29 | 0.50 | 525000 | 470000 |
| 64.1127651 20 | 30.309 204510 | -0.82 | 0.85 | 4.78 | 0.27 | 0.27 | 0.46 | 530000 | 470000 |
| 63.9804427 60 | 31.282 984620 | -0.81 | 0.79 | 3.90 | 0.39 | 0.39 | 0.69 | 535000 | 470000 |
| 63.8421954 30 | 32.248 146540 | -0.82 | 0.72 | 2.94 | 0.42 | 0.42 | 0.78 | 540000 | 470000 |
| 63.6981084 80 | 33.204 459310 | -0.87 | 0.65 | 1.93 | 0.44 | 0.43 | 0.83 | 545000 | 470000 |
| 63.5482689 00 | 34.151 712290 | -0.91 | 0.58 | 0.95 | 0.44 | 0.44 | 0.85 | 550000 | 470000 |
| 64.9568673 70 | 9.5585 15245 | 0.72 | -1.39 | 1.11 | 0.39 | 0.39 | 0.69 | 430000 | 465000 |
| 64.9563233 20 | 10.609 661770 | 0.74 | -1.38 | 2.07 | 0.32 | 0.32 | 0.57 | 435000 | 465000 |
| 64.9489797 40 | 11.660 521200 | 0.71 | -1.35 | 3.27 | 0.29 | 0.29 | 0.52 | 440000 | 465000 |
| 64.9348421 70 | 12.710 599460 | 0.56 | -1.37 | 4.55 | 0.31 | 0.31 | 0.53 | 445000 | 465000 |
| 64.9139212 90 | 13.759 405010 | 0.54 | -1.30 | 5.49 | 0.22 | 0.21 | 0.36 | 450000 | 465000 |
| 64.8862328 20 | 14.806 450360 | 0.61 | -1.11 | 6.23 | 0.29 | 0.29 | 0.48 | 455000 | 465000 |
| 64.8517975 10 | 15.851 253660 | 0.56 | -0.97 | 6.84 | 0.26 | 0.26 | 0.43 | 460000 | 465000 |
| 64.8106410 30 | 16.893 340160 | 0.40 | -0.83 | 7.49 | 0.26 | 0.26 | 0.42 | 465000 | 465000 |
| 64.7627938 60 | 17.932 243670 | 0.45 | -0.61 | 8.31 | 0.31 | 0.31 | 0.51 | 470000 | 465000 |
| 64.7082912 10 | 18.967 507920 | 0.43 | -0.47 | 8.87 | 0.25 | 0.25 | 0.42 | 475000 | 465000 |
| 64.6471728 20 | 19.998 687850 | 0.20 | -0.36 | 9.09 | 0.33 | 0.33 | 0.55 | 480000 | 465000 |
| 64.5794828 70 | 21.025 350840 | -0.04 | -0.41 | 9.13 | 0.27 | 0.27 | 0.44 | 485000 | 465000 |
| 64.5052697 | 22.047 | -0.19 | -0.34 | 8.94 | 0.30 | 0.30 | 0.51 | 490000 | 465000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|------------------|-------|-------|------|------------|------------|-------------|-------------|-------------|
| 50 | 077790 | | | | | | | 0 | 0 |
| 64.4245859 40 | 23.063 464210 | -0.26 | 0.08 | 8.69 | 0.39 | 0.38 | 0.67 | 495000 0 | 465000 0 |
| 64.3374877 90 | 24.074 121090 | -0.34 | 0.42 | 8.29 | 0.40 | 0.40 | 0.70 | 500000 0 | 465000 0 |
| 64.2440352 90 | 25.078 675730 | -0.40 | 0.69 | 7.75 | 0.38 | 0.37 | 0.67 | 505000 0 | 465000 0 |
| 64.1442919 20 | 26.076 772450 | -0.50 | 0.83 | 7.13 | 0.37 | 0.35 | 0.66 | 510000 0 | 465000 0 |
| 64.0383243 70 | 27.068 073210 | -0.67 | 0.81 | 6.54 | 0.37 | 0.34 | 0.66 | 515000 0 | 465000 0 |
| 63.9262023 60 | 28.052 258060 | -0.76 | 0.80 | 5.97 | 0.37 | 0.35 | 0.66 | 520000 0 | 465000 0 |
| 63.8079983 90 | 29.029 025550 | -0.79 | 0.82 | 5.37 | 0.35 | 0.32 | 0.61 | 525000 0 | 465000 0 |
| 63.6837875 40 | 29.998 093030 | -0.79 | 0.79 | 4.72 | 0.36 | 0.34 | 0.61 | 530000 0 | 465000 0 |
| 63.5536471 80 | 30.959 196780 | -0.76 | 0.72 | 3.98 | 0.38 | 0.36 | 0.68 | 535000 0 | 465000 0 |
| 63.4176568 20 | 31.912 092100 | -0.78 | 0.66 | 3.01 | 0.41 | 0.39 | 0.74 | 540000 0 | 465000 0 |
| 63.2758978 10 | 32.856 553340 | -0.85 | 0.61 | 1.93 | 0.43 | 0.42 | 0.81 | 545000 0 | 465000 0 |
| 63.1284531 60 | 33.792 373720 | -0.90 | 0.55 | 0.92 | 0.44 | 0.44 | 0.84 | 550000 0 | 465000 0 |
| 64.4993645 10 | 8.5315 81552 | 0.66 | -1.29 | 0.61 | 0.39 | 0.39 | 0.69 | 425000 0 | 460000 0 |
| 64.5055081 50 | 9.5656 18725 | 0.61 | -1.36 | 1.47 | 0.35 | 0.35 | 0.60 | 430000 0 | 460000 0 |
| 64.5049738 70 | 10.599 852610 | 0.55 | -1.41 | 2.45 | 0.25 | 0.25 | 0.43 | 435000 0 | 460000 0 |
| 64.4977620 50 | 11.633 814870 | 0.49 | -1.35 | 3.81 | 0.30 | 0.30 | 0.50 | 440000 0 | 460000 0 |
| 64.4838779 30 | 12.667 038010 | 0.44 | -1.29 | 5.01 | 0.35 | 0.35 | 0.58 | 445000 0 | 460000 0 |
| 64.4633315 90 | 13.699 056830 | 0.44 | -1.21 | 5.89 | 0.35 | 0.35 | 0.59 | 450000 0 | 460000 0 |
| 64.4361379 10 | 14.729 409860 | 0.47 | -1.08 | 6.64 | 0.36 | 0.36 | 0.61 | 455000 0 | 460000 0 |
| 64.4023164 80 | 15.757 640760 | 0.41 | -0.93 | 7.26 | 0.34 | 0.34 | 0.57 | 460000 0 | 460000 0 |
| 64.3618915 80 | 16.783 299690 | 0.32 | -0.78 | 7.86 | 0.33 | 0.33 | 0.55 | 465000 0 | 460000 0 |
| 64.3148920 40 | 17.805 944630 | 0.32 | -0.60 | 8.53 | 0.35 | 0.35 | 0.58 | 470000 0 | 460000 0 |
| 64.2613511 40 | 18.825 142620 | 0.23 | -0.44 | 9.02 | 0.33 | 0.33 | 0.55 | 475000 0 | 460000 0 |
| 64.2013065 | 19.840 | 0.06 | -0.32 | 9.24 | 0.33 | 0.33 | 0.55 | 480000 | 460000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|------|---------|---------|----------|---------|----------|
| 00 | 470970 | | | | | | | 0 | 0 |
| 64.134799930 | 20.851518370 | -0.10 | -0.26 | 9.22 | 0.26 | 0.26 | 0.43 | 4850000 | 4600000 |
| 64.061877280 | 21.857885930 | -0.26 | -0.15 | 8.94 | 0.33 | 0.33 | 0.56 | 4900000 | 4600000 |
| 63.982588260 | 22.859188130 | -0.37 | 0.15 | 8.56 | 0.38 | 0.37 | 0.66 | 4950000 | 4600000 |
| 63.896986280 | 23.855053700 | -0.43 | 0.44 | 8.08 | 0.39 | 0.38 | 0.69 | 5000000 | 4600000 |
| 63.805128250 | 24.845126330 | -0.46 | 0.71 | 7.45 | 0.36 | 0.34 | 0.65 | 5050000 | 4600000 |
| 63.707074410 | 25.829065410 | -0.54 | 0.87 | 6.73 | 0.34 | 0.30 | 0.61 | 5100000 | 4600000 |
| 63.602888100 | 26.806546570 | -0.71 | 0.81 | 6.10 | 0.38 | 0.35 | 0.66 | 5150000 | 4600000 |
| 63.492635570 | 27.777262140 | -0.80 | 0.80 | 5.62 | 0.38 | 0.36 | 0.67 | 5200000 | 4600000 |
| 63.376385770 | 28.740921550 | -0.80 | 0.80 | 5.07 | 0.37 | 0.32 | 0.65 | 5250000 | 4600000 |
| 63.254210120 | 29.697251620 | -0.78 | 0.75 | 4.48 | 0.37 | 0.34 | 0.65 | 5300000 | 4600000 |
| 63.126182340 | 30.645996740 | -0.72 | 0.66 | 3.86 | 0.36 | 0.31 | 0.64 | 5350000 | 4600000 |
| 62.992378170 | 31.586918960 | -0.75 | 0.61 | 2.93 | 0.38 | 0.34 | 0.69 | 5400000 | 4600000 |
| 62.852875220 | 32.519798040 | -0.84 | 0.58 | 1.82 | 0.42 | 0.41 | 0.78 | 5450000 | 4600000 |
| 62.707752740 | 33.444431350 | -0.89 | 0.52 | 0.82 | 0.44 | 0.44 | 0.83 | 5500000 | 4600000 |
| 64.035692390 | 7.537621325 | 0.60 | -1.20 | 0.37 | 0.36 | 0.36 | 0.65 | 4200000 | 4550000 |
| 64.048283970 | 8.554730408 | 0.66 | -1.17 | 0.96 | 0.28 | 0.29 | 0.53 | 4250000 | 4550000 |
| 64.054319430 | 9.572468764 | 0.47 | -1.33 | 2.01 | 0.28 | 0.28 | 0.49 | 4300000 | 4550000 |
| 64.053794560 | 10.590393420 | 0.37 | -1.40 | 3.19 | 0.27 | 0.27 | 0.45 | 4350000 | 4550000 |
| 64.046709710 | 11.608060820 | 0.26 | -1.30 | 4.59 | 0.27 | 0.28 | 0.46 | 4400000 | 4550000 |
| 64.033069850 | 12.625028220 | 0.26 | -1.18 | 5.56 | 0.36 | 0.36 | 0.60 | 4450000 | 4550000 |
| 64.012884510 | 13.640854940 | 0.29 | -1.13 | 6.39 | 0.38 | 0.38 | 0.64 | 4500000 | 4550000 |
| 63.986167750 | 14.655103730 | 0.32 | -1.05 | 7.16 | 0.36 | 0.36 | 0.62 | 4550000 | 4550000 |
| 63.952938120 | 15.667342010 | 0.30 | -0.90 | 7.77 | 0.37 | 0.37 | 0.63 | 4600000 | 4550000 |
| 63.9132185 | 16.677 | 0.23 | -0.71 | 8.28 | 0.39 | 0.38 | 0.66 | 4650000 | 4550000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 90 | 143170 | | | | | | | 0 | 0 |
| 63.8670364 40 | 17.684 087740 | 0.15 | -0.50 | 8.74 | 0.38 | 0.38 | 0.65 | 470000 0 | 455000 0 |
| 63.8144231 80 | 18.687 764560 | 0.00 | -0.31 | 9.10 | 0.34 | 0.34 | 0.57 | 475000 0 | 455000 0 |
| 63.7554144 50 | 19.687 771890 | -0.19 | -0.20 | 9.23 | 0.25 | 0.25 | 0.42 | 480000 0 | 455000 0 |
| 63.6900498 50 | 20.683 718410 | -0.28 | -0.07 | 9.10 | 0.24 | 0.24 | 0.40 | 485000 0 | 455000 0 |
| 63.6183728 40 | 21.675 224210 | -0.39 | 0.07 | 8.78 | 0.33 | 0.33 | 0.57 | 490000 0 | 455000 0 |
| 63.5404305 60 | 22.661 921660 | -0.49 | 0.25 | 8.33 | 0.35 | 0.33 | 0.61 | 495000 0 | 455000 0 |
| 63.4562736 80 | 23.643 456230 | -0.53 | 0.47 | 7.77 | 0.36 | 0.35 | 0.64 | 500000 0 | 455000 0 |
| 63.3659562 20 | 24.619 487170 | -0.62 | 0.63 | 7.00 | 0.35 | 0.34 | 0.62 | 505000 0 | 455000 0 |
| 63.2695353 80 | 25.589 688190 | -0.77 | 0.70 | 6.11 | 0.34 | 0.33 | 0.58 | 510000 0 | 455000 0 |
| 63.1670713 70 | 26.553 747990 | -0.86 | 0.73 | 5.62 | 0.35 | 0.33 | 0.61 | 515000 0 | 455000 0 |
| 63.0586271 80 | 27.511 370700 | -0.88 | 0.77 | 5.24 | 0.37 | 0.34 | 0.66 | 520000 0 | 455000 0 |
| 62.9442684 10 | 28.462 276280 | -0.86 | 0.77 | 4.68 | 0.39 | 0.37 | 0.68 | 525000 0 | 455000 0 |
| 62.8240630 70 | 29.406 200780 | -0.83 | 0.74 | 4.02 | 0.36 | 0.35 | 0.62 | 530000 0 | 455000 0 |
| 62.6980814 10 | 30.342 896560 | -0.81 | 0.68 | 3.29 | 0.32 | 0.31 | 0.54 | 535000 0 | 455000 0 |
| 62.5663956 40 | 31.272 132420 | -0.82 | 0.62 | 2.49 | 0.38 | 0.36 | 0.66 | 540000 0 | 455000 0 |
| 62.4290798 40 | 32.193 693590 | -0.86 | 0.57 | 1.56 | 0.42 | 0.41 | 0.77 | 545000 0 | 455000 0 |
| 62.2862096 80 | 33.107 381780 | -0.89 | 0.50 | 0.64 | 0.44 | 0.44 | 0.83 | 550000 0 | 455000 0 |
| 62.5300652 20 | - 8.0429 30322 | 0.01 | -0.01 | -0.76 | 0.45 | 0.45 | 0.88 | 340000 0 | 450000 0 |
| 62.6416641 70 | - 7.1033 94650 | 0.01 | -0.01 | -0.74 | 0.45 | 0.45 | 0.88 | 345000 0 | 450000 0 |
| 62.7474191 30 | - 6.1575 02502 | 0.01 | -0.01 | -0.72 | 0.45 | 0.45 | 0.88 | 350000 0 | 450000 0 |
| 63.5661797 00 | 6.5752 54007 | 0.46 | -1.19 | 0.27 | 0.37 | 0.37 | 0.67 | 415000 0 | 450000 0 |
| 63.5849884 20 | 7.5756 53542 | 0.38 | -1.24 | 1.04 | 0.26 | 0.27 | 0.51 | 420000 0 | 450000 0 |
| 63.5973625 | 8.5770 | 0.44 | -1.22 | 1.73 | 0.26 | 0.27 | 0.48 | 425000 | 450000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|------|------------|------------|-------------|-------------|--------------|
| 20 | 67797 | | | | | | | 0 | 0 |
| 63.6032936 70 | 9.5790 78573 | 0.37 | -1.35 | 2.79 | 0.26 | 0.27 | 0.47 | 430000 | 450000 |
| 63.6027778 70 | 10.581 265940 | 0.32 | -1.37 | 3.97 | 0.28 | 0.28 | 0.48 | 435000 | 450000 |
| 63.5958154 70 | 11.583 209460 | 0.17 | -1.10 | 5.07 | 0.31 | 0.31 | 0.51 | 440000 | 450000 |
| 63.5824111 60 | 12.584 489400 | 0.08 | -0.96 | 5.97 | 0.33 | 0.33 | 0.54 | 445000 | 450000 |
| 63.5625739 60 | 13.584 687950 | 0.13 | -1.04 | 6.75 | 0.35 | 0.35 | 0.58 | 450000 | 450000 |
| 63.5363171 90 | 14.583 390420 | 0.21 | -1.04 | 7.58 | 0.25 | 0.25 | 0.40 | 455000 | 450000 |
| 63.5036584 10 | 15.580 186420 | 0.20 | -0.88 | 8.11 | 0.33 | 0.33 | 0.55 | 460000 | 450000 |
| 63.4646193 80 | 16.574 671000 | 0.13 | -0.66 | 8.49 | 0.38 | 0.38 | 0.65 | 465000 | 450000 |
| 63.4192259 30 | 17.566 445790 | 0.05 | -0.38 | 8.82 | 0.36 | 0.36 | 0.62 | 470000 | 450000 |
| 63.3675079 40 | 18.555 120020 | -0.09 | -0.09 | 9.08 | 0.27 | 0.26 | 0.49 | 475000 | 450000 |
| 63.3094991 70 | 19.540 311560 | -0.31 | -0.03 | 9.09 | 0.29 | 0.28 | 0.49 | 480000 | 450000 |
| 63.2452371 90 | 20.521 647880 | -0.43 | 0.05 | 8.86 | 0.33 | 0.33 | 0.55 | 485000 | 450000 |
| 63.1747632 00 | 21.498 766900 | -0.52 | 0.21 | 8.48 | 0.29 | 0.29 | 0.47 | 490000 | 450000 |
| 63.0981219 50 | 22.471 317870 | -0.60 | 0.37 | 8.07 | 0.32 | 0.32 | 0.54 | 495000 | 450000 |
| 63.0153615 50 | 23.438 962070 | -0.65 | 0.53 | 7.49 | 0.35 | 0.33 | 0.61 | 500000 | 450000 |
| 62.9265333 00 | 24.401 373530 | -0.75 | 0.62 | 6.69 | 0.33 | 0.32 | 0.58 | 505000 | 450000 |
| 62.8316915 90 | 25.358 239560 | -0.97 | 0.59 | 5.73 | 0.25 | 0.25 | 0.41 | 510000 | 450000 |
| 62.7308936 40 | 26.309 261360 | -0.99 | 0.66 | 5.23 | 0.31 | 0.30 | 0.52 | 515000 | 450000 |
| 62.6241994 10 | 27.254 154380 | -0.94 | 0.74 | 4.87 | 0.37 | 0.35 | 0.64 | 520000 | 450000 |
| 62.5116713 50 | 28.192 648740 | -0.91 | 0.75 | 4.30 | 0.37 | 0.35 | 0.65 | 525000 | 450000 |
| 62.3933742 60 | 29.124 489480 | -0.89 | 0.70 | 3.60 | 0.35 | 0.34 | 0.59 | 530000 | 450000 |
| 62.2693751 00 | 30.049 436790 | -0.89 | 0.67 | 2.80 | 0.23 | 0.23 | 0.37 | 535000 | 450000 |
| 62.1397427 80 | 30.967 266130 | -0.88 | 0.61 | 2.10 | 0.37 | 0.37 | 0.64 | 540000 | 450000 |
| 62.0045480 | 31.877 | -0.87 | 0.55 | 1.27 | 0.42 | 0.42 | 0.76 | 545000 | 450000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 20 | 768290 | | | | | | | 0 | 0 |
| 61.863863110 | 32.780749420 | -0.89 | 0.48 | 0.43 | 0.44 | 0.44 | 0.82 | 550000 | 450000 |
| 61.981181100 | -8.704918319 | 0.01 | -0.01 | -0.77 | 0.45 | 0.45 | 0.88 | 335000 | 445000 |
| 62.096722660 | -7.783818110 | 0.01 | -0.01 | -0.75 | 0.45 | 0.45 | 0.88 | 340000 | 445000 |
| 62.206560980 | -6.856410874 | 0.01 | -0.01 | -0.73 | 0.45 | 0.45 | 0.88 | 345000 | 445000 |
| 62.310634640 | -5.922945078 | 0.01 | -0.01 | -0.71 | 0.45 | 0.45 | 0.88 | 350000 | 445000 |
| 63.091134480 | 5.643140223 | 0.50 | -1.09 | 0.04 | 0.38 | 0.38 | 0.68 | 410000 | 445000 |
| 63.115938490 | 6.627079644 | 0.35 | -1.18 | 0.77 | 0.31 | 0.31 | 0.57 | 415000 | 445000 |
| 63.134428600 | 7.612376043 | 0.20 | -1.25 | 1.54 | 0.27 | 0.27 | 0.50 | 420000 | 445000 |
| 63.146592860 | 8.598635263 | 0.21 | -1.26 | 2.43 | 0.25 | 0.26 | 0.48 | 425000 | 445000 |
| 63.152423350 | 9.585460457 | 0.31 | -1.33 | 3.40 | 0.29 | 0.29 | 0.51 | 430000 | 445000 |
| 63.151916310 | 10.572453200 | 0.30 | -1.31 | 4.38 | 0.28 | 0.27 | 0.46 | 435000 | 445000 |
| 63.145072050 | 11.559214580 | 0.11 | -0.98 | 5.33 | 0.29 | 0.28 | 0.47 | 440000 | 445000 |
| 63.131895020 | 12.545346360 | -0.02 | -0.86 | 6.14 | 0.29 | 0.29 | 0.49 | 445000 | 445000 |
| 63.112393770 | 13.530452050 | -0.03 | -1.04 | 6.84 | 0.28 | 0.28 | 0.46 | 450000 | 445000 |
| 63.086580920 | 14.514138010 | 0.01 | -1.03 | 7.58 | 0.28 | 0.28 | 0.46 | 455000 | 445000 |
| 63.054473120 | 15.496014570 | 0.05 | -0.86 | 8.15 | 0.35 | 0.35 | 0.59 | 460000 | 445000 |
| 63.016090970 | 16.475697050 | 0.02 | -0.63 | 8.51 | 0.38 | 0.38 | 0.64 | 465000 | 445000 |
| 62.971458990 | 17.452806790 | -0.02 | -0.35 | 8.67 | 0.30 | 0.30 | 0.50 | 470000 | 445000 |
| 62.920605500 | 18.426972120 | -0.14 | -0.10 | 8.79 | 0.28 | 0.27 | 0.47 | 475000 | 445000 |
| 62.863562530 | 19.397829330 | -0.34 | 0.02 | 8.80 | 0.36 | 0.36 | 0.62 | 480000 | 445000 |
| 62.800365730 | 20.365023510 | -0.50 | 0.12 | 8.53 | 0.37 | 0.37 | 0.63 | 485000 | 445000 |
| 62.731054220 | 21.328209390 | -0.61 | 0.26 | 8.13 | 0.31 | 0.31 | 0.52 | 490000 | 445000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 62.6556704 90 | 22.287 052120 | -0.70 | 0.45 | 7.70 | 0.33 | 0.33 | 0.56 | 495000 0 | 445000 0 |
| 62.5742602 40 | 23.241 227960 | -0.76 | 0.63 | 7.16 | 0.35 | 0.34 | 0.61 | 500000 0 | 445000 0 |
| 62.4868722 70 | 24.190 424890 | -0.84 | 0.74 | 6.49 | 0.34 | 0.33 | 0.60 | 505000 0 | 445000 0 |
| 62.3935582 60 | 25.134 343240 | -0.92 | 0.70 | 5.80 | 0.33 | 0.32 | 0.57 | 510000 0 | 445000 0 |
| 62.2943727 00 | 26.072 696090 | -0.95 | 0.71 | 5.19 | 0.34 | 0.33 | 0.59 | 515000 0 | 445000 0 |
| 62.1893726 60 | 27.005 209790 | -0.92 | 0.74 | 4.61 | 0.36 | 0.34 | 0.61 | 520000 0 | 445000 0 |
| 62.0786176 40 | 27.931 624240 | -0.91 | 0.73 | 4.02 | 0.35 | 0.33 | 0.61 | 525000 0 | 445000 0 |
| 61.9621694 10 | 28.851 693200 | -0.90 | 0.65 | 3.35 | 0.33 | 0.28 | 0.59 | 530000 0 | 445000 0 |
| 61.8400918 30 | 29.765 184510 | -0.92 | 0.61 | 2.59 | 0.36 | 0.35 | 0.62 | 535000 0 | 445000 0 |
| 61.7124506 90 | 30.671 880240 | -0.90 | 0.58 | 1.80 | 0.40 | 0.39 | 0.70 | 540000 0 | 445000 0 |
| 61.5793135 40 | 31.571 576730 | -0.89 | 0.52 | 1.01 | 0.42 | 0.42 | 0.77 | 545000 0 | 445000 0 |
| 61.5491923 70 | - 8.4424 52411 | 0.02 | -0.01 | -0.76 | 0.45 | 0.45 | 0.88 | 335000 0 | 440000 0 |
| 61.6629536 00 | - 7.5328 68594 | 0.02 | -0.01 | -0.75 | 0.45 | 0.45 | 0.88 | 340000 0 | 440000 0 |
| 61.7710861 80 | - 6.6172 66632 | 0.02 | -0.01 | -0.73 | 0.45 | 0.45 | 0.88 | 345000 0 | 440000 0 |
| 61.8735315 40 | - 5.6958 86383 | 0.02 | -0.01 | -0.71 | 0.45 | 0.45 | 0.88 | 350000 0 | 440000 0 |
| 62.6108452 50 | 4.7399 84393 | 0.43 | -0.99 | -0.17 | 0.38 | 0.38 | 0.68 | 405000 0 | 440000 0 |
| 62.6414315 40 | 5.7077 38382 | 0.49 | -1.04 | 0.50 | 0.31 | 0.31 | 0.54 | 410000 0 | 440000 0 |
| 62.6658235 30 | 6.6771 52126 | 0.42 | -1.10 | 1.19 | 0.27 | 0.27 | 0.47 | 415000 0 | 440000 0 |
| 62.6840060 20 | 7.6478 54660 | 0.23 | -1.16 | 1.81 | 0.24 | 0.25 | 0.46 | 420000 0 | 440000 0 |
| 62.6959676 70 | 8.6194 71549 | 0.24 | -1.20 | 2.60 | 0.29 | 0.29 | 0.51 | 425000 0 | 440000 0 |
| 62.7017010 00 | 9.5916 25893 | 0.28 | -1.24 | 3.57 | 0.34 | 0.35 | 0.58 | 430000 0 | 440000 0 |
| 62.7012024 10 | 10.563 939330 | 0.21 | -1.21 | 4.54 | 0.35 | 0.36 | 0.60 | 435000 0 | 440000 0 |
| 62.6944722 | 11.536 | 0.13 | -1.08 | 5.38 | 0.35 | 0.35 | 0.59 | 440000 | 440000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 00 | 033090 | | | | | | | 0 | 0 |
| 62.6815146 10 | 12.507 528950 | 0.07 | -1.02 | 6.11 | 0.34 | 0.34 | 0.56 | 445000 0 | 440000 0 |
| 62.6623377 40 | 13.478 050360 | 0.03 | -1.04 | 6.79 | 0.28 | 0.28 | 0.46 | 450000 0 | 440000 0 |
| 62.6369535 50 | 14.447 223370 | -0.02 | -0.98 | 7.48 | 0.32 | 0.32 | 0.53 | 455000 0 | 440000 0 |
| 62.6053778 30 | 15.414 677660 | -0.06 | -0.82 | 8.02 | 0.37 | 0.37 | 0.62 | 460000 0 | 440000 0 |
| 62.5676301 30 | 16.380 047500 | -0.09 | -0.63 | 8.42 | 0.37 | 0.37 | 0.63 | 465000 0 | 440000 0 |
| 62.5237337 20 | 17.342 972700 | -0.15 | -0.44 | 8.64 | 0.30 | 0.30 | 0.50 | 470000 0 | 440000 0 |
| 62.4737154 70 | 18.303 099520 | -0.26 | -0.22 | 8.67 | 0.31 | 0.31 | 0.52 | 475000 0 | 440000 0 |
| 62.4176058 00 | 19.260 081500 | -0.42 | -0.03 | 8.50 | 0.38 | 0.38 | 0.66 | 480000 0 | 440000 0 |
| 62.3554385 60 | 20.213 580330 | -0.57 | 0.13 | 8.15 | 0.39 | 0.38 | 0.67 | 485000 0 | 440000 0 |
| 62.2872509 10 | 21.163 266560 | -0.71 | 0.25 | 7.64 | 0.32 | 0.30 | 0.58 | 490000 0 | 440000 0 |
| 62.2130832 40 | 22.108 820350 | -0.77 | 0.46 | 7.20 | 0.35 | 0.34 | 0.61 | 495000 0 | 440000 0 |
| 62.1329790 00 | 23.049 932120 | -0.82 | 0.68 | 6.71 | 0.35 | 0.34 | 0.62 | 500000 0 | 440000 0 |
| 62.0469846 10 | 23.986 303120 | -0.88 | 0.79 | 6.24 | 0.32 | 0.31 | 0.56 | 505000 0 | 440000 0 |
| 61.9551492 50 | 24.917 646010 | -0.90 | 0.75 | 5.67 | 0.33 | 0.32 | 0.58 | 510000 0 | 440000 0 |
| 61.8575248 10 | 25.843 685260 | -0.89 | 0.74 | 5.01 | 0.35 | 0.34 | 0.60 | 515000 0 | 440000 0 |
| 61.7541656 50 | 26.764 157630 | -0.85 | 0.76 | 4.41 | 0.29 | 0.29 | 0.49 | 520000 0 | 440000 0 |
| 61.6451285 00 | 27.678 812470 | -0.87 | 0.70 | 3.79 | 0.30 | 0.30 | 0.51 | 525000 0 | 440000 0 |
| 61.5304722 60 | 28.587 412000 | -0.93 | 0.59 | 3.10 | 0.34 | 0.31 | 0.60 | 530000 0 | 440000 0 |
| 61.4102578 90 | 29.489 731520 | -0.94 | 0.54 | 2.35 | 0.36 | 0.34 | 0.64 | 535000 0 | 440000 0 |
| 61.2845482 20 | 30.385 559590 | -0.92 | 0.55 | 1.53 | 0.39 | 0.39 | 0.69 | 540000 0 | 440000 0 |
| 61.1534077 90 | 31.274 698090 | -0.88 | 0.51 | 0.78 | 0.42 | 0.42 | 0.75 | 545000 0 | 440000 0 |
| 61.2287771 80 | - 7.2897 15813 | 0.03 | -0.02 | -0.75 | 0.45 | 0.45 | 0.88 | 340000 0 | 435000 0 |
| 61.3352565 50 | - 6.3856 06820 | 0.04 | -0.02 | -0.73 | 0.45 | 0.45 | 0.87 | 345000 0 | 435000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 61.4361242 70 | - 5.4759 83422 | 0.04 | -0.02 | -0.70 | 0.45 | 0.45 | 0.87 | 350000 0 | 435000 0 |
| 62.1255821 32 | 3.8645 36481 | 0.35 | -0.91 | -0.35 | 0.40 | 0.40 | 0.72 | 400000 0 | 435000 0 |
| 62.1617464 30 | 4.8164 00009 | 0.24 | -0.98 | 0.30 | 0.31 | 0.31 | 0.57 | 405000 0 | 435000 0 |
| 62.1918345 30 | 5.7701 90069 | 0.36 | -1.03 | 1.02 | 0.26 | 0.26 | 0.46 | 410000 0 | 435000 0 |
| 62.2158284 50 | 6.7255 57954 | 0.54 | -1.09 | 1.88 | 0.24 | 0.24 | 0.39 | 415000 0 | 435000 0 |
| 62.2337137 60 | 7.6821 50872 | 0.38 | -1.08 | 2.13 | 0.26 | 0.26 | 0.44 | 420000 0 | 435000 0 |
| 62.2454797 00 | 8.6396 12837 | 0.38 | -1.09 | 2.64 | 0.24 | 0.24 | 0.40 | 425000 0 | 435000 0 |
| 62.2511191 60 | 9.5975 85597 | 0.31 | -1.17 | 3.69 | 0.30 | 0.31 | 0.51 | 430000 0 | 435000 0 |
| 62.2506287 30 | 10.555 709560 | 0.14 | -1.21 | 4.79 | 0.30 | 0.31 | 0.51 | 435000 0 | 435000 0 |
| 62.2440087 10 | 11.513 624730 | 0.11 | -1.14 | 5.48 | 0.33 | 0.33 | 0.55 | 440000 0 | 435000 0 |
| 62.2312630 90 | 12.470 971680 | 0.14 | -1.07 | 6.06 | 0.27 | 0.27 | 0.45 | 445000 0 | 435000 0 |
| 62.2123995 90 | 13.427 392440 | 0.11 | -1.02 | 6.73 | 0.27 | 0.28 | 0.46 | 450000 0 | 435000 0 |
| 62.1874295 40 | 14.382 531480 | -0.04 | -0.92 | 7.43 | 0.27 | 0.27 | 0.44 | 455000 0 | 435000 0 |
| 62.1563679 40 | 15.336 036610 | -0.13 | -0.77 | 7.93 | 0.32 | 0.32 | 0.54 | 460000 0 | 435000 0 |
| 62.1192333 60 | 16.287 559860 | -0.19 | -0.62 | 8.26 | 0.37 | 0.37 | 0.63 | 465000 0 | 435000 0 |
| 62.0760478 80 | 17.236 758340 | -0.28 | -0.48 | 8.51 | 0.30 | 0.30 | 0.50 | 470000 0 | 435000 0 |
| 62.0268370 40 | 18.183 295120 | -0.38 | -0.27 | 8.46 | 0.33 | 0.33 | 0.55 | 475000 0 | 435000 0 |
| 61.8433575 20 | 21.003 671260 | -0.74 | 0.30 | 7.26 | 0.37 | 0.36 | 0.64 | 490000 0 | 435000 0 |
| 61.7703663 90 | 21.936 337490 | -0.81 | 0.47 | 6.78 | 0.36 | 0.36 | 0.62 | 495000 0 | 435000 0 |
| 61.6915260 50 | 22.864 772700 | -0.86 | 0.63 | 6.29 | 0.36 | 0.36 | 0.62 | 500000 0 | 435000 0 |
| 61.6068806 70 | 23.788 690740 | -0.91 | 0.72 | 5.87 | 0.29 | 0.28 | 0.50 | 505000 0 | 435000 0 |
| 61.5164771 10 | 24.707 816000 | -0.91 | 0.70 | 5.26 | 0.30 | 0.30 | 0.53 | 510000 0 | 435000 0 |
| 61.4203647 80 | 25.621 883840 | -0.88 | 0.65 | 4.53 | 0.35 | 0.34 | 0.60 | 515000 0 | 435000 0 |
| 61.3185955 20 | 26.530 640990 | -0.86 | 0.69 | 3.97 | 0.33 | 0.32 | 0.55 | 520000 0 | 435000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|------|------------|------------|-------------|-------------|--------------|
| 61.2112234 30 | 27.433 845880 | -0.90 | 0.67 | 3.41 | 0.32 | 0.32 | 0.54 | 525000 0 | 435000 0 |
| 61.0983047 30 | 28.331 268910 | -0.96 | 0.57 | 2.78 | 0.33 | 0.31 | 0.58 | 530000 0 | 435000 0 |
| 60.9798976 20 | 29.222 692670 | -0.95 | 0.52 | 2.02 | 0.33 | 0.31 | 0.57 | 535000 0 | 435000 0 |
| 60.8560621 30 | 30.107 912090 | -0.89 | 0.54 | 1.23 | 0.34 | 0.33 | 0.57 | 540000 0 | 435000 0 |
| 61.6771444 77 | 3.9518 77000 | 0.23 | -0.90 | 0.06 | 0.38 | 0.38 | 0.69 | 400000 0 | 430000 0 |
| 61.7127312 20 | 4.8903 21547 | 0.08 | -0.91 | 0.80 | 0.24 | 0.24 | 0.49 | 405000 0 | 430000 0 |
| 61.7423377 10 | 5.8305 99220 | 0.16 | -0.99 | 1.46 | 0.30 | 0.30 | 0.53 | 410000 0 | 430000 0 |
| 61.7659468 30 | 6.7723 78014 | 0.35 | -1.05 | 2.18 | 0.30 | 0.30 | 0.51 | 415000 0 | 430000 0 |
| 61.7835448 90 | 7.7153 22160 | 0.31 | -1.05 | 2.56 | 0.34 | 0.34 | 0.57 | 420000 0 | 430000 0 |
| 61.7951216 60 | 8.6590 92951 | 0.27 | -1.06 | 3.07 | 0.31 | 0.31 | 0.52 | 425000 0 | 430000 0 |
| 61.8006704 00 | 9.6033 49587 | 0.17 | -1.10 | 3.98 | 0.28 | 0.27 | 0.47 | 430000 0 | 430000 0 |
| 61.8001878 60 | 10.547 750040 | 0.01 | -1.17 | 4.94 | 0.29 | 0.29 | 0.49 | 435000 0 | 430000 0 |
| 61.7936743 30 | 11.491 951900 | 0.06 | -1.16 | 5.58 | 0.31 | 0.30 | 0.50 | 440000 0 | 430000 0 |
| 61.7811336 00 | 12.435 613280 | 0.17 | -1.10 | 6.06 | 0.28 | 0.28 | 0.46 | 445000 0 | 430000 0 |
| 61.7625729 90 | 13.378 393670 | 0.09 | -1.01 | 6.68 | 0.33 | 0.33 | 0.54 | 450000 0 | 430000 0 |
| 61.7380032 90 | 14.319 954760 | -0.06 | -0.87 | 7.29 | 0.30 | 0.30 | 0.50 | 455000 0 | 430000 0 |
| 61.7074387 30 | 15.259 961330 | -0.18 | -0.71 | 7.71 | 0.34 | 0.34 | 0.57 | 460000 0 | 430000 0 |
| 61.6708969 50 | 16.198 082070 | -0.26 | -0.56 | 7.97 | 0.38 | 0.38 | 0.65 | 465000 0 | 430000 0 |
| 61.6283989 40 | 17.133 990330 | -0.36 | -0.41 | 8.09 | 0.38 | 0.38 | 0.65 | 470000 0 | 430000 0 |
| 61.5799689 80 | 18.067 364970 | -0.46 | -0.22 | 8.01 | 0.39 | 0.39 | 0.67 | 475000 0 | 430000 0 |
| 61.3993776 10 | 20.849 172900 | -0.78 | 0.33 | 6.79 | 0.33 | 0.33 | 0.56 | 490000 0 | 430000 0 |
| 61.3275253 00 | 21.769 335980 | -0.85 | 0.47 | 6.22 | 0.26 | 0.25 | 0.42 | 495000 0 | 430000 0 |
| 61.2499086 50 | 22.685 466230 | -0.88 | 0.59 | 5.75 | 0.35 | 0.35 | 0.60 | 500000 0 | 430000 0 |
| 61.1665697 20 | 23.597 289440 | -0.91 | 0.64 | 5.20 | 0.34 | 0.33 | 0.58 | 505000 0 | 430000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 61.0775531 60 | 24.504 541170 | -0.91 | 0.61 | 4.61 | 0.34 | 0.33 | 0.59 | 510000 0 | 430000 0 |
| 60.9829061 00 | 25.406 967160 | -0.89 | 0.50 | 3.89 | 0.28 | 0.25 | 0.54 | 515000 0 | 430000 0 |
| 60.8826779 60 | 26.304 323710 | -0.94 | 0.60 | 3.41 | 0.34 | 0.33 | 0.59 | 520000 0 | 430000 0 |
| 60.7769203 70 | 27.196 377990 | -0.96 | 0.65 | 2.96 | 0.30 | 0.30 | 0.51 | 525000 0 | 430000 0 |
| 60.6656870 10 | 28.082 908310 | -0.95 | 0.60 | 2.39 | 0.30 | 0.30 | 0.50 | 530000 0 | 430000 0 |
| 60.5490335 00 | 28.963 704320 | -0.89 | 0.55 | 1.69 | 0.33 | 0.32 | 0.54 | 535000 0 | 430000 0 |
| 60.4270172 10 | 29.838 567220 | -0.84 | 0.55 | 0.99 | 0.21 | 0.21 | 0.35 | 540000 0 | 430000 0 |
| 60.8207424 20 | - 2.3673 46620 | 0.13 | -0.02 | -0.55 | 0.42 | 0.42 | 0.77 | 365000 0 | 425000 0 |
| 60.8962673 10 | - 1.4625 31529 | 0.13 | -0.01 | -0.51 | 0.41 | 0.41 | 0.75 | 370000 0 | 425000 0 |
| 60.9661041 40 | - 0.5539 12798 | 0.10 | -0.01 | -0.46 | 0.42 | 0.42 | 0.77 | 375000 0 | 425000 0 |
| 61.2287665 50 | 4.0364 17437 | 0.17 | -0.90 | 0.38 | 0.38 | 0.38 | 0.68 | 400000 0 | 425000 0 |
| 61.2637946 10 | 4.9618 67512 | 0.03 | -0.92 | 1.08 | 0.31 | 0.30 | 0.55 | 405000 0 | 425000 0 |
| 61.2929352 50 | 5.8890 63151 | -0.01 | -0.95 | 1.74 | 0.27 | 0.23 | 0.48 | 410000 0 | 425000 0 |
| 61.3161722 10 | 6.8176 88024 | 0.07 | -0.97 | 2.25 | 0.35 | 0.34 | 0.59 | 415000 0 | 425000 0 |
| 61.3334924 80 | 7.7474 22328 | 0.08 | -1.00 | 2.78 | 0.36 | 0.36 | 0.62 | 420000 0 | 425000 0 |
| 61.3448863 20 | 8.6779 43548 | 0.00 | -1.04 | 3.39 | 0.32 | 0.31 | 0.55 | 425000 0 | 425000 0 |
| 61.3503473 30 | 9.6089 27238 | -0.08 | -1.06 | 4.19 | 0.28 | 0.27 | 0.49 | 430000 0 | 425000 0 |
| 61.3498724 20 | 10.540 047820 | -0.12 | -1.10 | 4.97 | 0.29 | 0.27 | 0.49 | 435000 0 | 425000 0 |
| 61.3434618 70 | 11.470 979370 | -0.03 | -1.11 | 5.55 | 0.28 | 0.28 | 0.47 | 440000 0 | 425000 0 |
| 61.3311192 80 | 12.401 396450 | 0.15 | -1.12 | 6.00 | 0.23 | 0.24 | 0.40 | 445000 0 | 425000 0 |
| 61.3128516 00 | 13.330 974860 | 0.03 | -0.97 | 6.57 | 0.30 | 0.30 | 0.50 | 450000 0 | 425000 0 |
| 61.2886690 90 | 14.259 392460 | -0.07 | -0.81 | 7.08 | 0.23 | 0.24 | 0.39 | 455000 0 | 425000 0 |
| 61.2585852 80 | 15.186 329970 | -0.21 | -0.65 | 7.40 | 0.35 | 0.35 | 0.58 | 460000 0 | 425000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 61.2226169 60 | 16.111 471670 | -0.33 | -0.49 | 7.57 | 0.38 | 0.38 | 0.64 | 465000 0 | 425000 0 |
| 61.1807840 80 | 17.034 506200 | -0.42 | -0.33 | 7.61 | 0.37 | 0.37 | 0.63 | 470000 0 | 425000 0 |
| 61.1331097 20 | 17.955 127240 | -0.52 | -0.18 | 7.48 | 0.37 | 0.38 | 0.65 | 475000 0 | 425000 0 |
| 61.0203441 40 | 19.787 932960 | -0.73 | 0.18 | 6.90 | 0.39 | 0.39 | 0.67 | 485000 0 | 425000 0 |
| 60.9553140 50 | 20.699 536250 | -0.82 | 0.35 | 6.38 | 0.35 | 0.35 | 0.58 | 490000 0 | 425000 0 |
| 60.8845645 60 | 21.607 564520 | -0.88 | 0.48 | 5.80 | 0.31 | 0.31 | 0.51 | 495000 0 | 425000 0 |
| 60.8081332 00 | 22.511 746270 | -0.89 | 0.57 | 5.25 | 0.32 | 0.32 | 0.54 | 500000 0 | 425000 0 |
| 60.7260600 40 | 23.411 818650 | -0.90 | 0.59 | 4.61 | 0.30 | 0.28 | 0.53 | 505000 0 | 425000 0 |
| 60.6383876 80 | 24.307 527830 | -0.94 | 0.58 | 4.06 | 0.32 | 0.31 | 0.56 | 510000 0 | 425000 0 |
| 60.5451610 40 | 25.198 629460 | -0.97 | 0.55 | 3.50 | 0.32 | 0.31 | 0.57 | 515000 0 | 425000 0 |
| 60.4464273 10 | 26.084 889010 | -1.01 | 0.59 | 3.00 | 0.31 | 0.29 | 0.57 | 520000 0 | 425000 0 |
| 60.3422357 80 | 26.966 082040 | -0.95 | 0.59 | 2.56 | 0.31 | 0.30 | 0.53 | 525000 0 | 425000 0 |
| 60.2326377 40 | 27.841 994510 | -0.89 | 0.55 | 2.05 | 0.32 | 0.32 | 0.53 | 530000 0 | 425000 0 |
| 60.1176863 40 | 28.712 422940 | -0.81 | 0.48 | 1.48 | 0.35 | 0.35 | 0.59 | 535000 0 | 425000 0 |
| 59.9974364 50 | 29.577 174630 | -0.75 | 0.46 | 1.08 | 0.33 | 0.33 | 0.54 | 540000 0 | 425000 0 |
| 60.2986666 40 | - 3.0901 03745 | 0.18 | -0.06 | -0.57 | 0.42 | 0.42 | 0.77 | 360000 0 | 420000 0 |
| 60.3786254 30 | - 2.2008 07344 | 0.20 | -0.04 | -0.51 | 0.39 | 0.39 | 0.68 | 365000 0 | 420000 0 |
| 60.4530144 40 | - 1.3076 27421 | 0.21 | -0.02 | -0.47 | 0.33 | 0.33 | 0.56 | 370000 0 | 420000 0 |
| 60.5217958 30 | - 0.4108 17382 | 0.15 | -0.01 | -0.43 | 0.38 | 0.38 | 0.68 | 375000 0 | 420000 0 |
| 60.7804440 70 | 4.1182 88326 | 0.15 | -0.93 | 0.58 | 0.38 | 0.38 | 0.67 | 400000 0 | 420000 0 |
| 60.8149314 20 | 5.0311 49002 | 0.00 | -0.95 | 1.14 | 0.27 | 0.25 | 0.47 | 405000 0 | 420000 0 |
| 60.8436212 60 | 5.9456 73077 | -0.04 | -0.94 | 1.77 | 0.31 | 0.29 | 0.53 | 410000 0 | 420000 0 |
| 60.8664981 | 6.8615 | -0.04 | -0.90 | 2.31 | 0.34 | 0.33 | 0.57 | 415000 | 420000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|------|------------|------------|-------------|-------------|--------------|
| 10 | 58946 | | | | | | | 0 | 0 |
| 60.8835495 90 | 7.7785 01789 | -0.09 | -0.97 | 2.84 | 0.33 | 0.32 | 0.56 | 420000 0 | 420000 0 |
| 60.8947664 50 | 8.6961 94286 | -0.17 | -1.08 | 3.45 | 0.24 | 0.21 | 0.42 | 425000 0 | 420000 0 |
| 60.9001425 70 | 9.6143 27335 | -0.17 | -1.08 | 4.14 | 0.31 | 0.30 | 0.53 | 430000 0 | 420000 0 |
| 60.8996750 50 | 10.532 590780 | -0.14 | -1.05 | 4.83 | 0.26 | 0.25 | 0.48 | 435000 0 | 420000 0 |
| 60.8933641 30 | 11.450 674170 | -0.18 | -1.00 | 5.43 | 0.28 | 0.28 | 0.49 | 440000 0 | 420000 0 |
| 60.8812132 40 | 12.368 267450 | -0.26 | -0.93 | 5.97 | 0.31 | 0.31 | 0.52 | 445000 0 | 420000 0 |
| 60.8632289 90 | 13.285 061780 | -0.28 | -0.82 | 6.47 | 0.33 | 0.33 | 0.56 | 450000 0 | 420000 0 |
| 60.8394211 50 | 14.200 750170 | -0.27 | -0.70 | 6.84 | 0.30 | 0.30 | 0.49 | 455000 0 | 420000 0 |
| 60.8098025 90 | 15.115 028270 | -0.31 | -0.57 | 7.06 | 0.24 | 0.24 | 0.40 | 460000 0 | 420000 0 |
| 60.7743892 70 | 16.027 595070 | -0.41 | -0.42 | 7.06 | 0.35 | 0.35 | 0.59 | 465000 0 | 420000 0 |
| 60.7332002 00 | 16.938 153530 | -0.49 | -0.27 | 6.96 | 0.24 | 0.24 | 0.43 | 470000 0 | 420000 0 |
| 60.6862573 40 | 17.846 411310 | -0.56 | -0.18 | 6.90 | 0.27 | 0.27 | 0.51 | 475000 0 | 420000 0 |
| 60.6335855 90 | 18.752 081360 | -0.66 | -0.01 | 6.73 | 0.35 | 0.36 | 0.63 | 480000 0 | 420000 0 |
| 60.5752126 90 | 19.654 882560 | -0.76 | 0.18 | 6.47 | 0.34 | 0.34 | 0.58 | 485000 0 | 420000 0 |
| 60.5111691 30 | 20.554 540250 | -0.84 | 0.35 | 6.00 | 0.33 | 0.33 | 0.55 | 490000 0 | 420000 0 |
| 60.4414880 80 | 21.450 786830 | -0.89 | 0.47 | 5.42 | 0.33 | 0.33 | 0.57 | 495000 0 | 420000 0 |
| 60.3662052 90 | 22.343 362210 | -0.89 | 0.58 | 4.84 | 0.21 | 0.20 | 0.37 | 500000 0 | 420000 0 |
| 60.2853590 20 | 23.232 014280 | -0.87 | 0.59 | 4.08 | 0.30 | 0.30 | 0.52 | 505000 0 | 420000 0 |
| 60.1989898 60 | 24.116 499360 | -0.92 | 0.57 | 3.50 | 0.25 | 0.25 | 0.45 | 510000 0 | 420000 0 |
| 60.1071407 30 | 24.996 582550 | -0.98 | 0.53 | 3.07 | 0.24 | 0.24 | 0.47 | 515000 0 | 420000 0 |
| 60.0098566 70 | 25.872 038080 | -0.87 | 0.52 | 2.72 | 0.32 | 0.32 | 0.57 | 520000 0 | 420000 0 |
| 59.9071847 70 | 26.742 649600 | -0.80 | 0.50 | 2.28 | 0.33 | 0.33 | 0.56 | 525000 0 | 420000 0 |
| 59.7991740 50 | 27.608 210420 | -0.76 | 0.43 | 1.74 | 0.32 | 0.32 | 0.53 | 530000 0 | 420000 0 |
| 59.6858753 | 28.468 | -0.75 | 0.34 | 1.21 | 0.31 | 0.31 | 0.53 | 535000 | 420000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 50 | 523750 | | | | | | | 0 | 0 |
| 59.5673411 60 | 29.323 402820 | -0.70 | 0.33 | 0.85 | 0.35 | 0.35 | 0.59 | 540000 | 420000 |
| 59.4883282 30 | - 6.3884 60991 | 0.22 | -0.12 | -0.87 | 0.43 | 0.43 | 0.80 | 340000 | 415000 |
| 59.5886770 10 | - 5.5274 05493 | 0.22 | -0.13 | -0.79 | 0.43 | 0.43 | 0.80 | 345000 | 415000 |
| 59.7733493 00 | - 3.7917 01237 | 0.25 | -0.13 | -0.59 | 0.42 | 0.42 | 0.76 | 355000 | 415000 |
| 59.8575853 90 | - 2.9174 81246 | 0.26 | -0.10 | -0.51 | 0.40 | 0.41 | 0.72 | 360000 | 415000 |
| 59.9363665 90 | - 2.0393 16134 | 0.27 | -0.07 | -0.46 | 0.36 | 0.36 | 0.62 | 365000 | 415000 |
| 60.0096544 80 | - 1.1574 41225 | 0.29 | -0.03 | -0.42 | 0.23 | 0.23 | 0.38 | 370000 | 415000 |
| 60.0774129 40 | - 0.2720 99601 | 0.19 | -0.02 | -0.40 | 0.37 | 0.37 | 0.64 | 375000 | 415000 |
| 60.3321726 00 | 4.1976 12195 | 0.15 | -0.96 | 0.78 | 0.37 | 0.37 | 0.65 | 400000 | 415000 |
| 60.3661364 00 | 5.0982 70277 | 0.13 | -1.07 | 1.61 | 0.22 | 0.22 | 0.37 | 405000 | 415000 |
| 60.3943897 80 | 6.0005 14582 | 0.00 | -0.98 | 1.92 | 0.32 | 0.31 | 0.52 | 410000 | 415000 |
| 60.4169180 10 | 6.9040 57344 | -0.08 | -0.82 | 2.30 | 0.28 | 0.28 | 0.46 | 415000 | 415000 |
| 60.4337092 90 | 7.8086 07828 | -0.15 | -0.97 | 2.79 | 0.26 | 0.26 | 0.43 | 420000 | 415000 |
| 60.4447548 20 | 8.7138 72984 | -0.20 | -1.28 | 3.41 | 0.24 | 0.23 | 0.41 | 425000 | 415000 |
| 60.4500487 90 | 9.6195 58114 | -0.16 | -1.14 | 4.07 | 0.32 | 0.31 | 0.53 | 430000 | 415000 |
| 60.4495884 10 | 10.525 367550 | -0.15 | -1.05 | 4.66 | 0.28 | 0.28 | 0.49 | 435000 | 415000 |
| 60.4433739 30 | 11.431 005340 | -0.35 | -0.94 | 5.22 | 0.28 | 0.27 | 0.49 | 440000 | 415000 |
| 60.4314086 10 | 12.336 175910 | -0.64 | -0.77 | 5.88 | 0.25 | 0.25 | 0.44 | 445000 | 415000 |
| 60.4136987 40 | 13.240 584800 | -0.64 | -0.65 | 6.28 | 0.30 | 0.30 | 0.51 | 450000 | 415000 |
| 60.3902536 20 | 14.143 939280 | -0.50 | -0.61 | 6.48 | 0.34 | 0.34 | 0.58 | 455000 | 415000 |
| 60.3610855 10 | 15.045 949040 | -0.46 | -0.50 | 6.56 | 0.34 | 0.34 | 0.56 | 460000 | 415000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 60.326209600 | 15.946326850 | -0.50 | -0.38 | 6.49 | 0.36 | 0.36 | 0.62 | 4650000 | 4150000 |
| 60.285644000 | 16.844789200 | -0.58 | -0.27 | 6.35 | 0.32 | 0.32 | 0.54 | 4700000 | 4150000 |
| 60.239409620 | 17.741056880 | -0.65 | -0.15 | 6.21 | 0.29 | 0.29 | 0.51 | 4750000 | 4150000 |
| 60.187530200 | 18.634855600 | -0.71 | 0.01 | 6.06 | 0.34 | 0.34 | 0.59 | 4800000 | 4150000 |
| 60.130032160 | 19.525916570 | -0.78 | 0.19 | 5.88 | 0.29 | 0.29 | 0.49 | 4850000 | 4150000 |
| 60.066944580 | 20.413976990 | -0.84 | 0.41 | 5.40 | 0.19 | 0.19 | 0.35 | 4900000 | 4150000 |
| 59.998299080 | 21.298780580 | -0.89 | 0.43 | 4.88 | 0.32 | 0.32 | 0.58 | 4950000 | 4150000 |
| 59.924129780 | 22.180078060 | -0.87 | 0.47 | 4.20 | 0.35 | 0.34 | 0.60 | 5000000 | 4150000 |
| 59.844473160 | 23.057627560 | -0.83 | 0.49 | 3.49 | 0.33 | 0.32 | 0.57 | 5050000 | 4150000 |
| 59.759368000 | 23.931195030 | -0.86 | 0.40 | 2.97 | 0.30 | 0.30 | 0.52 | 5100000 | 4150000 |
| 59.668855260 | 24.800554600 | -0.84 | 0.31 | 2.68 | 0.28 | 0.27 | 0.46 | 5150000 | 4150000 |
| 59.572977980 | 25.665488900 | -0.72 | 0.41 | 2.50 | 0.26 | 0.26 | 0.44 | 5200000 | 4150000 |
| 59.471781180 | 26.525789330 | -0.65 | 0.46 | 2.03 | 0.26 | 0.25 | 0.43 | 5250000 | 4150000 |
| 59.365311740 | 27.381256320 | -0.66 | 0.38 | 1.50 | 0.17 | 0.17 | 0.30 | 5300000 | 4150000 |
| 59.253618280 | 28.231699520 | -0.74 | 0.24 | 0.91 | 0.24 | 0.24 | 0.41 | 5350000 | 4150000 |
| 59.136751070 | 29.076937970 | -0.68 | 0.22 | 0.46 | 0.37 | 0.37 | 0.63 | 5400000 | 4150000 |
| 59.014761880 | 29.916800220 | -0.64 | 0.19 | -0.01 | 0.40 | 0.40 | 0.70 | 5450000 | 4150000 |
| 59.052351160 | -6.179491831 | 0.34 | -0.20 | -0.95 | 0.40 | 0.40 | 0.73 | 3400000 | 4100000 |
| 59.151278100 | -5.328518218 | 0.33 | -0.20 | -0.81 | 0.41 | 0.41 | 0.74 | 3450000 | 4100000 |
| 59.244945220 | -4.473140975 | 0.34 | -0.21 | -0.66 | 0.40 | 0.40 | 0.72 | 3500000 | 4100000 |
| 59.333309760 | -3.613562574 | 0.37 | -0.21 | -0.52 | 0.37 | 0.38 | 0.66 | 3550000 | 4100000 |
| 59.416330890 | -2.749993635 | 0.37 | -0.17 | -0.43 | 0.36 | 0.37 | 0.63 | 3600000 | 4100000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 59.4939698 10 | - 1.8826 52651 | 0.31 | -0.10 | -0.41 | 0.38 | 0.38 | 0.66 | 365000 0 | 410000 0 |
| 59.5661898 30 | - 1.0117 65678 | 0.24 | -0.06 | -0.40 | 0.38 | 0.38 | 0.67 | 370000 0 | 410000 0 |
| 59.6329564 60 | - 0.1375 65986 | 0.17 | -0.03 | -0.38 | 0.41 | 0.41 | 0.73 | 375000 0 | 410000 0 |
| 59.8839475 60 | 4.2745 04175 | 0.11 | -0.91 | 0.76 | 0.38 | 0.38 | 0.67 | 400000 0 | 410000 0 |
| 59.9174041 80 | 5.1633 29277 | 0.02 | -0.97 | 1.43 | 0.32 | 0.32 | 0.55 | 405000 0 | 410000 0 |
| 59.9452347 90 | 6.0536 68041 | -0.10 | -0.94 | 1.85 | 0.32 | 0.32 | 0.54 | 410000 0 | 410000 0 |
| 59.9674253 60 | 6.9452 45727 | -0.19 | -0.98 | 2.21 | 0.27 | 0.27 | 0.44 | 415000 0 | 410000 0 |
| 59.9839646 40 | 7.8377 84845 | -0.25 | -1.04 | 2.68 | 0.30 | 0.30 | 0.50 | 420000 0 | 410000 0 |
| 59.9948442 50 | 8.7310 05759 | -0.26 | -1.11 | 3.29 | 0.32 | 0.32 | 0.53 | 425000 0 | 410000 0 |
| 60.0000586 50 | 9.6246 27310 | -0.24 | -1.09 | 3.90 | 0.29 | 0.29 | 0.49 | 430000 0 | 410000 0 |
| 59.9996052 00 | 10.518 367440 | -0.24 | -1.06 | 4.45 | 0.24 | 0.24 | 0.41 | 435000 0 | 410000 0 |
| 59.9934841 10 | 11.411 943830 | -0.43 | -0.96 | 4.94 | 0.28 | 0.27 | 0.49 | 440000 0 | 410000 0 |
| 59.9816985 00 | 12.305 074520 | -0.67 | -0.78 | 5.54 | 0.32 | 0.32 | 0.53 | 445000 0 | 410000 0 |
| 59.9642543 80 | 13.197 478550 | -0.71 | -0.66 | 5.89 | 0.32 | 0.32 | 0.54 | 450000 0 | 410000 0 |
| 59.9411605 80 | 14.088 876590 | -0.61 | -0.59 | 6.03 | 0.36 | 0.36 | 0.61 | 455000 0 | 410000 0 |
| 59.9124287 80 | 14.978 991550 | -0.58 | -0.46 | 6.02 | 0.39 | 0.39 | 0.66 | 460000 0 | 410000 0 |
| 59.8780734 90 | 15.867 549190 | -0.60 | -0.34 | 5.92 | 0.39 | 0.39 | 0.67 | 465000 0 | 410000 0 |
| 59.8381119 30 | 16.754 278690 | -0.67 | -0.22 | 5.75 | 0.35 | 0.35 | 0.59 | 470000 0 | 410000 0 |
| 59.7925640 60 | 17.638 913250 | -0.74 | -0.11 | 5.51 | 0.20 | 0.20 | 0.35 | 475000 0 | 410000 0 |
| 59.7414524 90 | 18.521 190620 | -0.73 | 0.04 | 5.30 | 0.33 | 0.33 | 0.57 | 480000 0 | 410000 0 |
| 59.6848024 30 | 19.400 853650 | -0.78 | 0.17 | 5.07 | 0.36 | 0.36 | 0.62 | 485000 0 | 410000 0 |
| 59.6226416 20 | 20.277 650730 | -0.83 | 0.31 | 4.70 | 0.36 | 0.36 | 0.62 | 490000 0 | 410000 0 |
| 59.5550002 20 | 21.151 336350 | -0.85 | 0.35 | 4.19 | 0.38 | 0.38 | 0.66 | 495000 0 | 410000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 59.4819108 10 | 22.021 671460 | -0.80 | 0.37 | 3.53 | 0.37 | 0.37 | 0.65 | 500000 0 | 410000 0 |
| 59.4034082 10 | 22.888 423920 | -0.79 | 0.37 | 2.86 | 0.34 | 0.34 | 0.59 | 505000 0 | 410000 0 |
| 59.3195294 70 | 23.751 368850 | -0.86 | 0.27 | 2.45 | 0.30 | 0.30 | 0.50 | 510000 0 | 410000 0 |
| 59.2303137 20 | 24.610 289010 | -0.86 | 0.15 | 2.23 | 0.22 | 0.22 | 0.36 | 515000 0 | 410000 0 |
| 59.1358021 20 | 25.464 975060 | -0.77 | 0.28 | 2.02 | 0.23 | 0.23 | 0.38 | 520000 0 | 410000 0 |
| 59.0360377 00 | 26.315 225870 | -0.78 | 0.37 | 1.51 | 0.24 | 0.23 | 0.39 | 525000 0 | 410000 0 |
| 58.9310653 10 | 27.160 848690 | -0.81 | 0.34 | 1.15 | 0.22 | 0.22 | 0.38 | 530000 0 | 410000 0 |
| 58.8209315 10 | 28.001 659440 | -0.72 | 0.22 | 0.65 | 0.33 | 0.32 | 0.55 | 535000 0 | 410000 0 |
| 58.7056844 30 | 28.837 482800 | -0.65 | 0.14 | 0.14 | 0.39 | 0.39 | 0.68 | 540000 0 | 410000 0 |
| 58.5853736 90 | 29.668 152350 | -0.62 | 0.09 | -0.35 | 0.42 | 0.42 | 0.75 | 545000 0 | 410000 0 |
| 58.1748026 80 | - 9.2953 09108 | 0.19 | -0.06 | -0.93 | 0.43 | 0.44 | 0.82 | 320000 0 | 405000 0 |
| 58.2926833 60 | - 8.4728 23206 | 0.30 | -0.09 | -0.99 | 0.42 | 0.42 | 0.77 | 325000 0 | 405000 0 |
| 58.4055498 60 | - 7.6454 19663 | 0.43 | -0.13 | -1.05 | 0.39 | 0.40 | 0.70 | 330000 0 | 405000 0 |
| 58.5133548 40 | - 6.8132 61311 | 0.56 | -0.21 | -1.12 | 0.32 | 0.33 | 0.58 | 335000 0 | 405000 0 |
| 58.6160524 30 | - 5.9765 19315 | 0.51 | -0.29 | -1.02 | 0.31 | 0.31 | 0.58 | 340000 0 | 405000 0 |
| 58.7135983 00 | - 5.1353 73035 | 0.44 | -0.26 | -0.77 | 0.38 | 0.38 | 0.67 | 345000 0 | 405000 0 |
| 58.8059497 90 | - 4.2900 09868 | 0.43 | -0.30 | -0.60 | 0.35 | 0.35 | 0.62 | 350000 0 | 405000 0 |
| 58.8930660 10 | - 3.4406 25045 | 0.49 | -0.31 | -0.44 | 0.28 | 0.29 | 0.50 | 355000 0 | 405000 0 |
| 58.9749079 10 | - 2.5874 21403 | 0.49 | -0.23 | -0.32 | 0.26 | 0.29 | 0.47 | 360000 0 | 405000 0 |
| 59.0514383 80 | - 1.7306 09122 | 0.32 | -0.13 | -0.35 | 0.39 | 0.39 | 0.68 | 365000 0 | 405000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 59.1226223 60 | - 0.8704 05429 | 0.22 | -0.07 | -0.37 | 0.42 | 0.42 | 0.75 | 370000 0 | 405000 0 |
| 59.4357642 10 | 4.3490 72544 | 0.02 | -0.83 | 0.55 | 0.37 | 0.37 | 0.67 | 400000 0 | 405000 0 |
| 59.4687293 00 | 5.2264 18091 | -0.11 | -0.84 | 1.03 | 0.27 | 0.26 | 0.50 | 405000 0 | 405000 0 |
| 59.4961502 20 | 6.1052 09017 | -0.23 | -0.79 | 1.44 | 0.20 | 0.21 | 0.43 | 410000 0 | 405000 0 |
| 59.5180135 90 | 6.9851 82849 | -0.29 | -0.92 | 1.92 | 0.29 | 0.29 | 0.50 | 415000 0 | 405000 0 |
| 59.5343087 00 | 7.8660 74564 | -0.34 | -0.94 | 2.40 | 0.31 | 0.31 | 0.52 | 420000 0 | 405000 0 |
| 59.5450275 50 | 8.7476 17153 | -0.37 | -0.94 | 2.95 | 0.23 | 0.25 | 0.44 | 425000 0 | 405000 0 |
| 59.5501648 60 | 9.6295 42191 | -0.42 | -0.93 | 3.44 | 0.23 | 0.23 | 0.42 | 430000 0 | 405000 0 |
| 59.5497181 10 | 10.511 580420 | -0.42 | -1.00 | 3.78 | 0.28 | 0.28 | 0.47 | 435000 0 | 405000 0 |
| 59.5436875 10 | 11.393 462350 | -0.49 | -0.97 | 4.40 | 0.34 | 0.34 | 0.58 | 440000 0 | 405000 0 |
| 59.5320760 40 | 12.274 918810 | -0.60 | -0.86 | 4.97 | 0.35 | 0.35 | 0.60 | 445000 0 | 405000 0 |
| 59.5148894 00 | 13.155 681560 | -0.63 | -0.74 | 5.42 | 0.27 | 0.27 | 0.44 | 450000 0 | 405000 0 |
| 59.4921360 30 | 14.035 483880 | -0.62 | -0.60 | 5.56 | 0.31 | 0.31 | 0.51 | 455000 0 | 405000 0 |
| 59.4638270 70 | 14.914 061110 | -0.63 | -0.46 | 5.45 | 0.39 | 0.39 | 0.67 | 460000 0 | 405000 0 |
| 59.4299763 30 | 15.791 151230 | -0.67 | -0.33 | 5.33 | 0.39 | 0.39 | 0.68 | 465000 0 | 405000 0 |
| 59.3906002 50 | 16.666 495430 | -0.70 | -0.19 | 5.16 | 0.36 | 0.36 | 0.61 | 470000 0 | 405000 0 |
| 59.3457178 70 | 17.539 838600 | -0.75 | -0.07 | 4.91 | 0.25 | 0.25 | 0.44 | 475000 0 | 405000 0 |
| 59.2953507 60 | 18.410 929840 | -0.68 | 0.02 | 4.53 | 0.25 | 0.25 | 0.48 | 480000 0 | 405000 0 |
| 59.2395229 80 | 19.279 523000 | -0.76 | 0.13 | 4.33 | 0.38 | 0.38 | 0.66 | 485000 0 | 405000 0 |
| 59.1782609 80 | 20.145 377090 | -0.81 | 0.20 | 4.02 | 0.40 | 0.40 | 0.71 | 490000 0 | 405000 0 |
| 59.0395519 00 | 21.867 932720 | -0.73 | 0.28 | 3.02 | 0.35 | 0.35 | 0.62 | 500000 0 | 405000 0 |
| 58.9621691 90 | 22.724 182030 | -0.64 | 0.34 | 2.22 | 0.21 | 0.20 | 0.40 | 505000 0 | 405000 0 |
| 58.8794808 60 | 23.576 788600 | -0.90 | 0.42 | 2.06 | 0.25 | 0.25 | 0.42 | 510000 0 | 405000 0 |
| 58.7915243 20 | 24.425 543400 | -0.91 | 0.27 | 1.96 | 0.24 | 0.23 | 0.39 | 515000 0 | 405000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 58.6983389 30 | 25.270 244780 | -0.81 | 0.24 | 1.64 | 0.25 | 0.25 | 0.43 | 520000 0 | 405000 0 |
| 58.5999658 80 | 26.110 698760 | -0.84 | 0.22 | 1.10 | 0.26 | 0.26 | 0.44 | 525000 0 | 405000 0 |
| 58.4964480 90 | 26.946 719210 | -0.81 | 0.18 | 0.71 | 0.26 | 0.26 | 0.43 | 530000 0 | 405000 0 |
| 58.3878301 40 | 27.778 128080 | -0.65 | 0.14 | 0.36 | 0.30 | 0.30 | 0.51 | 535000 0 | 405000 0 |
| 58.2741581 60 | 28.604 755530 | -0.60 | 0.08 | -0.13 | 0.38 | 0.38 | 0.67 | 540000 0 | 405000 0 |
| 58.1554796 90 | 29.426 440060 | -0.59 | 0.02 | -0.60 | 0.42 | 0.42 | 0.76 | 545000 0 | 405000 0 |
| 57.7441624 70 | - 9.0616 51319 | 0.24 | -0.08 | -0.95 | 0.42 | 0.42 | 0.78 | 320000 0 | 400000 0 |
| 57.8604641 60 | - 8.2479 80551 | 0.38 | -0.12 | -1.01 | 0.39 | 0.39 | 0.70 | 325000 0 | 400000 0 |
| 57.9718080 50 | - 7.4295 91510 | 0.56 | -0.14 | -1.03 | 0.35 | 0.36 | 0.61 | 330000 0 | 400000 0 |
| 58.0781487 60 | - 6.6066 42147 | 0.79 | -0.16 | -1.04 | 0.25 | 0.27 | 0.44 | 335000 0 | 400000 0 |
| 58.1794423 20 | - 5.7792 98220 | 0.68 | -0.23 | -0.82 | 0.31 | 0.32 | 0.53 | 340000 0 | 400000 0 |
| 58.2756462 70 | - 4.9477 33172 | 0.51 | -0.26 | -0.56 | 0.37 | 0.37 | 0.63 | 345000 0 | 400000 0 |
| 58.3667197 60 | - 4.1121 27961 | 0.46 | -0.31 | -0.44 | 0.32 | 0.32 | 0.57 | 350000 0 | 400000 0 |
| 58.4526236 40 | - 3.2726 70869 | 0.46 | -0.30 | -0.34 | 0.30 | 0.31 | 0.54 | 355000 0 | 400000 0 |
| 58.5333205 40 | - 2.4295 57288 | 0.40 | -0.20 | -0.27 | 0.36 | 0.36 | 0.62 | 360000 0 | 400000 0 |
| 58.6087749 80 | - 1.5829 89461 | 0.29 | -0.12 | -0.31 | 0.40 | 0.41 | 0.72 | 365000 0 | 400000 0 |
| 58.9876176 90 | 4.4214 19228 | -0.01 | -0.74 | 0.35 | 0.37 | 0.37 | 0.66 | 400000 0 | 400000 0 |
| 59.0201062 00 | 5.2876 23389 | -0.15 | -0.72 | 0.63 | 0.25 | 0.25 | 0.44 | 405000 0 | 400000 0 |
| 59.0471299 40 | 6.1552 08611 | -0.25 | -0.75 | 1.10 | 0.28 | 0.28 | 0.48 | 410000 0 | 400000 0 |
| 59.0686761 20 | 7.0239 23987 | -0.34 | -0.80 | 1.62 | 0.32 | 0.31 | 0.54 | 415000 0 | 400000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 59.0847345 40 | 7.8935 16240 | -0.41 | -0.79 | 2.06 | 0.30 | 0.29 | 0.50 | 420000 0 | 400000 0 |
| 59.0952975 60 | 8.7637 30253 | -0.46 | -0.76 | 2.51 | 0.25 | 0.25 | 0.45 | 425000 0 | 400000 0 |
| 59.1003601 50 | 9.6343 09592 | -0.48 | -0.87 | 2.99 | 0.26 | 0.26 | 0.45 | 430000 0 | 400000 0 |
| 59.0999198 90 | 10.504 997060 | -0.47 | -1.00 | 3.31 | 0.22 | 0.22 | 0.40 | 435000 0 | 400000 0 |
| 59.0939770 00 | 11.375 535210 | -0.50 | -1.00 | 3.86 | 0.28 | 0.28 | 0.50 | 440000 0 | 400000 0 |
| 59.0825343 20 | 12.245 666950 | -0.61 | -0.94 | 4.30 | 0.33 | 0.33 | 0.56 | 445000 0 | 400000 0 |
| 59.0655972 80 | 13.115 136010 | -0.64 | -0.78 | 4.67 | 0.34 | 0.34 | 0.56 | 450000 0 | 400000 0 |
| 59.0431739 30 | 13.983 687520 | -0.66 | -0.62 | 4.84 | 0.36 | 0.36 | 0.60 | 455000 0 | 400000 0 |
| 59.0152749 10 | 14.851 068570 | -0.68 | -0.47 | 4.81 | 0.39 | 0.39 | 0.66 | 460000 0 | 400000 0 |
| 58.9819133 80 | 15.717 028660 | -0.70 | -0.34 | 4.69 | 0.36 | 0.36 | 0.61 | 465000 0 | 400000 0 |
| 58.9431050 40 | 16.581 320270 | -0.70 | -0.19 | 4.52 | 0.30 | 0.30 | 0.53 | 470000 0 | 400000 0 |
| 58.8988680 60 | 17.443 699340 | -0.68 | -0.06 | 4.26 | 0.28 | 0.28 | 0.52 | 475000 0 | 400000 0 |
| 58.8492230 20 | 18.303 925710 | -0.69 | -0.01 | 3.95 | 0.34 | 0.34 | 0.60 | 480000 0 | 400000 0 |
| 58.7941929 00 | 19.161 763630 | -0.76 | 0.05 | 3.70 | 0.39 | 0.39 | 0.69 | 485000 0 | 400000 0 |
| 58.7338029 60 | 20.016 982170 | -0.80 | 0.11 | 3.44 | 0.41 | 0.41 | 0.73 | 490000 0 | 400000 0 |
| 58.5970559 70 | 21.718 663910 | -0.75 | 0.18 | 2.79 | 0.33 | 0.33 | 0.57 | 500000 0 | 400000 0 |
| 58.5207604 30 | 22.564 692920 | -0.75 | 0.32 | 2.34 | 0.23 | 0.22 | 0.40 | 505000 0 | 400000 0 |
| 58.4392279 70 | 23.407 234880 | -0.89 | 0.54 | 1.97 | 0.24 | 0.24 | 0.40 | 510000 0 | 400000 0 |
| 58.3524944 00 | 24.246 088620 | -0.75 | 0.36 | 1.66 | 0.24 | 0.24 | 0.41 | 515000 0 | 400000 0 |
| 58.2605973 70 | 25.081 059870 | -0.65 | 0.16 | 1.19 | 0.28 | 0.27 | 0.49 | 520000 0 | 400000 0 |
| 58.1635762 90 | 25.911 961510 | -0.73 | 0.06 | 0.76 | 0.27 | 0.26 | 0.46 | 525000 0 | 400000 0 |
| 58.0614722 90 | 26.738 613760 | -0.72 | 0.04 | 0.41 | 0.24 | 0.24 | 0.39 | 530000 0 | 400000 0 |
| 57.9543280 80 | 27.560 844410 | -0.57 | 0.10 | 0.04 | 0.23 | 0.22 | 0.42 | 535000 0 | 400000 0 |
| 57.8421878 50 | 28.378 488940 | -0.56 | 0.04 | -0.34 | 0.36 | 0.36 | 0.63 | 540000 0 | 400000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 57.7250972 30 | 29.191 390650 | -0.56 | -0.03 | -0.74 | 0.42 | 0.41 | 0.75 | 545000 0 | 400000 0 |
| 57.6031031 10 | 29.999 400790 | -0.56 | -0.10 | -1.15 | 0.43 | 0.43 | 0.81 | 550000 0 | 400000 0 |
| 57.3130567 80 | - 8.8343 66644 | 0.25 | -0.10 | -0.98 | 0.40 | 0.41 | 0.73 | 320000 0 | 395000 0 |
| 57.4278221 00 | - 8.0293 12563 | 0.42 | -0.16 | -1.02 | 0.33 | 0.34 | 0.57 | 325000 0 | 395000 0 |
| 57.5376849 00 | - 7.2197 29464 | 0.61 | -0.18 | -0.95 | 0.22 | 0.24 | 0.40 | 330000 0 | 395000 0 |
| 57.6426016 60 | - 6.4057 70544 | 0.62 | -0.21 | -0.65 | 0.32 | 0.33 | 0.55 | 335000 0 | 395000 0 |
| 57.7425302 10 | - 5.5875 96328 | 0.60 | -0.23 | -0.30 | 0.31 | 0.32 | 0.53 | 340000 0 | 395000 0 |
| 57.8374298 50 | - 4.7653 74539 | 0.50 | -0.23 | -0.18 | 0.33 | 0.34 | 0.56 | 345000 0 | 395000 0 |
| 57.9272614 50 | - 3.9392 79943 | 0.44 | -0.23 | -0.14 | 0.33 | 0.33 | 0.56 | 350000 0 | 395000 0 |
| 58.0119875 10 | - 3.1094 94157 | 0.41 | -0.18 | -0.09 | 0.32 | 0.33 | 0.55 | 355000 0 | 395000 0 |
| 58.0915722 70 | - 2.2762 05445 | 0.33 | -0.12 | -0.17 | 0.37 | 0.37 | 0.64 | 360000 0 | 395000 0 |
| 58.1659817 70 | - 1.4396 08471 | 0.24 | -0.08 | -0.27 | 0.41 | 0.41 | 0.74 | 365000 0 | 395000 0 |
| 58.5395030 20 | 4.4916 40260 | 0.00 | -0.69 | 0.23 | 0.39 | 0.39 | 0.69 | 400000 0 | 395000 0 |
| 58.5715292 70 | 5.3470 26808 | -0.05 | -0.72 | 0.73 | 0.29 | 0.29 | 0.48 | 405000 0 | 395000 0 |
| 58.5981677 70 | 6.2037 33785 | -0.18 | -0.76 | 1.07 | 0.26 | 0.25 | 0.42 | 410000 0 | 395000 0 |
| 58.6194063 40 | 7.0615 21192 | -0.34 | -0.80 | 1.29 | 0.27 | 0.24 | 0.44 | 415000 0 | 395000 0 |
| 58.6352352 10 | 7.9201 46832 | -0.43 | -0.78 | 1.74 | 0.28 | 0.27 | 0.45 | 420000 0 | 395000 0 |
| 58.6456471 10 | 8.7793 66794 | -0.47 | -0.80 | 2.19 | 0.29 | 0.28 | 0.46 | 425000 0 | 395000 0 |
| 58.6506372 40 | 9.6389 35950 | -0.44 | -0.86 | 2.63 | 0.29 | 0.29 | 0.48 | 430000 0 | 395000 0 |
| 58.6502032 90 | 10.498 608450 | -0.36 | -0.88 | 3.05 | 0.31 | 0.31 | 0.52 | 435000 0 | 395000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 58.6443454 60 | 11.358 138250 | -0.34 | -0.92 | 3.49 | 0.26 | 0.27 | 0.45 | 440000 0 | 395000 0 |
| 58.6330664 50 | 12.217 279560 | -0.57 | -0.96 | 3.65 | 0.24 | 0.25 | 0.42 | 445000 0 | 395000 0 |
| 58.6163714 70 | 13.075 787440 | -0.63 | -0.79 | 3.89 | 0.36 | 0.36 | 0.61 | 450000 0 | 395000 0 |
| 58.5942682 00 | 13.933 418200 | -0.67 | -0.63 | 4.08 | 0.38 | 0.38 | 0.65 | 455000 0 | 395000 0 |
| 58.5667667 70 | 14.789 929970 | -0.70 | -0.48 | 4.13 | 0.38 | 0.38 | 0.66 | 460000 0 | 395000 0 |
| 58.5338797 80 | 15.645 083150 | -0.72 | -0.36 | 4.03 | 0.32 | 0.32 | 0.54 | 465000 0 | 395000 0 |
| 58.4956222 00 | 16.498 640890 | -0.71 | -0.23 | 3.84 | 0.24 | 0.24 | 0.41 | 470000 0 | 395000 0 |
| 58.4520113 70 | 17.350 369540 | -0.64 | -0.08 | 3.58 | 0.31 | 0.31 | 0.56 | 475000 0 | 395000 0 |
| 58.4030669 80 | 18.200 039110 | -0.69 | -0.04 | 3.32 | 0.37 | 0.37 | 0.64 | 480000 0 | 395000 0 |
| 58.3488109 60 | 19.047 423700 | -0.75 | -0.01 | 3.09 | 0.39 | 0.39 | 0.69 | 485000 0 | 395000 0 |
| 58.2892674 60 | 19.892 301880 | -0.79 | 0.03 | 2.89 | 0.41 | 0.41 | 0.72 | 490000 0 | 395000 0 |
| 58.1544253 80 | 21.573 678100 | -0.83 | 0.10 | 2.54 | 0.34 | 0.34 | 0.58 | 500000 0 | 395000 0 |
| 58.0791856 30 | 22.409 759090 | -0.86 | 0.21 | 2.27 | 0.28 | 0.28 | 0.46 | 505000 0 | 395000 0 |
| 57.9987759 30 | 23.242 500250 | -0.82 | 0.26 | 1.67 | 0.28 | 0.28 | 0.47 | 510000 0 | 395000 0 |
| 57.9132305 30 | 24.071 707930 | -0.59 | 0.12 | 1.10 | 0.26 | 0.26 | 0.44 | 515000 0 | 395000 0 |
| 57.8225854 80 | 24.897 194900 | -0.52 | -0.01 | 0.70 | 0.27 | 0.27 | 0.48 | 520000 0 | 395000 0 |
| 57.7268785 40 | 25.718 780640 | -0.67 | -0.05 | 0.49 | 0.26 | 0.26 | 0.45 | 525000 0 | 395000 0 |
| 57.6261491 10 | 26.536 291500 | -0.70 | -0.05 | 0.26 | 0.25 | 0.25 | 0.41 | 530000 0 | 395000 0 |
| 57.5204381 10 | 27.349 560880 | -0.60 | 0.06 | -0.07 | 0.23 | 0.22 | 0.39 | 535000 0 | 395000 0 |
| 57.4097879 40 | 28.158 429440 | -0.57 | 0.00 | -0.39 | 0.35 | 0.35 | 0.62 | 540000 0 | 395000 0 |
| 57.2942423 50 | 28.962 745160 | -0.55 | -0.07 | -0.78 | 0.41 | 0.41 | 0.74 | 545000 0 | 395000 0 |
| 57.1738463 70 | 29.762 363470 | -0.52 | -0.14 | -1.18 | 0.43 | 0.43 | 0.80 | 550000 0 | 395000 0 |
| 56.8815002 10 | - 8.6132 09857 | 0.21 | -0.11 | -1.00 | 0.39 | 0.40 | 0.70 | 320000 0 | 390000 0 |
| 56.9947702 30 | - 7.8165 | 0.31 | -0.18 | -1.03 | 0.26 | 0.29 | 0.47 | 325000 0 | 390000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 79388 | | | | | | | | |
| 57.1031919 20 | - 7.0155 99655 | 0.37 | -0.22 | -0.89 | 0.28 | 0.29 | 0.47 | 330000 0 | 390000 0 |
| 57.2067235 20 | - 6.2104 19236 | 0.38 | -0.25 | -0.32 | 0.30 | 0.30 | 0.50 | 335000 0 | 390000 0 |
| 57.3053245 70 | - 5.4011 93584 | 0.45 | -0.24 | 0.27 | 0.21 | 0.24 | 0.39 | 340000 0 | 390000 0 |
| 57.3989560 50 | - 4.5880 84908 | 0.42 | -0.19 | 0.33 | 0.24 | 0.25 | 0.40 | 345000 0 | 390000 0 |
| 57.4875804 60 | - 3.7712 62013 | 0.41 | -0.19 | 0.20 | 0.27 | 0.27 | 0.45 | 350000 0 | 390000 0 |
| 57.5711618 70 | - 2.9509 00123 | 0.39 | -0.09 | 0.19 | 0.21 | 0.24 | 0.38 | 355000 0 | 390000 0 |
| 57.6496660 30 | - 2.1271 80680 | 0.28 | -0.03 | -0.08 | 0.33 | 0.34 | 0.58 | 360000 0 | 390000 0 |
| 57.7230604 20 | - 1.3002 91110 | 0.20 | -0.04 | -0.27 | 0.40 | 0.40 | 0.72 | 365000 0 | 390000 0 |
| 58.1229927 90 | 5.4047 05319 | -0.09 | -0.65 | 0.48 | 0.35 | 0.35 | 0.61 | 405000 0 | 390000 0 |
| 58.1492575 10 | 6.2508 47662 | -0.23 | -0.62 | 0.76 | 0.28 | 0.27 | 0.50 | 410000 0 | 390000 0 |
| 58.1701976 10 | 7.0980 23526 | -0.34 | -0.67 | 0.86 | 0.26 | 0.25 | 0.45 | 415000 0 | 390000 0 |
| 58.1858037 90 | 7.9460 01171 | -0.36 | -0.78 | 1.11 | 0.23 | 0.23 | 0.40 | 420000 0 | 390000 0 |
| 58.1960690 80 | 8.7945 47262 | -0.42 | -0.79 | 1.68 | 0.32 | 0.31 | 0.51 | 425000 0 | 390000 0 |
| 58.2009889 10 | 9.6434 27329 | -0.37 | -0.80 | 2.09 | 0.34 | 0.34 | 0.57 | 430000 0 | 390000 0 |
| 58.2005610 70 | 10.492 406240 | -0.27 | -0.77 | 2.56 | 0.33 | 0.33 | 0.56 | 435000 0 | 390000 0 |
| 58.1947857 60 | 11.341 248660 | -0.18 | -0.76 | 3.01 | 0.27 | 0.27 | 0.46 | 440000 0 | 390000 0 |
| 58.1836655 50 | 12.189 719530 | -0.43 | -0.84 | 2.97 | 0.28 | 0.29 | 0.49 | 445000 0 | 390000 0 |
| 58.1672054 20 | 13.037 584530 | -0.59 | -0.76 | 3.11 | 0.31 | 0.32 | 0.54 | 450000 0 | 390000 0 |
| 58.1454126 90 | 13.884 610560 | -0.67 | -0.61 | 3.39 | 0.34 | 0.34 | 0.57 | 455000 0 | 390000 0 |
| 58.1182970 60 | 14.730 566160 | -0.71 | -0.47 | 3.46 | 0.36 | 0.36 | 0.61 | 460000 0 | 390000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 58.0858705 50 | 15.575 222020 | -0.71 | -0.34 | 3.34 | 0.37 | 0.37 | 0.62 | 465000 0 | 390000 0 |
| 58.0481474 60 | 16.418 351350 | -0.67 | -0.23 | 3.13 | 0.36 | 0.36 | 0.61 | 470000 0 | 390000 0 |
| 58.0051443 80 | 17.259 730380 | -0.64 | -0.14 | 2.88 | 0.36 | 0.36 | 0.61 | 475000 0 | 390000 0 |
| 57.9568801 00 | 18.099 138730 | -0.68 | -0.10 | 2.65 | 0.32 | 0.32 | 0.54 | 480000 0 | 390000 0 |
| 57.9033756 00 | 18.936 359810 | -0.74 | -0.07 | 2.47 | 0.35 | 0.35 | 0.59 | 485000 0 | 390000 0 |
| 57.8446539 60 | 19.771 181240 | -0.77 | -0.05 | 2.32 | 0.40 | 0.40 | 0.69 | 490000 0 | 390000 0 |
| 57.7116619 80 | 21.432 798580 | -0.85 | -0.03 | 2.16 | 0.31 | 0.31 | 0.53 | 500000 0 | 390000 0 |
| 57.6374479 20 | 22.259 193760 | -0.86 | 0.04 | 1.82 | 0.27 | 0.27 | 0.44 | 505000 0 | 390000 0 |
| 57.5581291 70 | 23.082 388440 | -0.78 | 0.12 | 1.16 | 0.28 | 0.28 | 0.47 | 510000 0 | 390000 0 |
| 57.4737385 30 | 23.902 196130 | -0.60 | 0.02 | 0.66 | 0.30 | 0.30 | 0.50 | 515000 0 | 390000 0 |
| 57.3843105 30 | 24.718 436360 | -0.51 | -0.07 | 0.35 | 0.26 | 0.26 | 0.44 | 520000 0 | 390000 0 |
| 57.2898813 60 | 25.530 934920 | -0.66 | -0.05 | 0.42 | 0.25 | 0.24 | 0.41 | 525000 0 | 390000 0 |
| 57.1904887 60 | 26.339 524060 | -0.73 | -0.06 | 0.43 | 0.26 | 0.26 | 0.44 | 530000 0 | 390000 0 |
| 57.0861720 00 | 27.144 042640 | -0.68 | 0.01 | 0.15 | 0.23 | 0.23 | 0.40 | 535000 0 | 390000 0 |
| 56.9769717 30 | 27.944 336300 | -0.58 | -0.05 | -0.27 | 0.34 | 0.34 | 0.59 | 540000 0 | 390000 0 |
| 56.8629299 40 | 28.740 257560 | -0.52 | -0.12 | -0.73 | 0.40 | 0.40 | 0.71 | 545000 0 | 390000 0 |
| 56.7440898 90 | 29.531 665970 | -0.47 | -0.17 | -1.14 | 0.42 | 0.42 | 0.77 | 550000 0 | 390000 0 |
| 56.5613205 70 | - 7.6095 53192 | 0.12 | -0.07 | -1.18 | 0.32 | 0.34 | 0.57 | 325000 0 | 385000 0 |
| 56.6683396 50 | - 6.8169 80074 | 0.04 | -0.04 | -1.18 | 0.25 | 0.30 | 0.47 | 330000 0 | 385000 0 |
| 56.7705234 20 | - 6.0203 72607 | 0.14 | -0.19 | -0.28 | 0.25 | 0.26 | 0.42 | 335000 0 | 385000 0 |
| 56.8678330 70 | - 5.2198 81339 | 0.24 | -0.18 | 0.39 | 0.29 | 0.29 | 0.48 | 340000 0 | 385000 0 |
| 56.9602311 60 | - 4.4156 63156 | 0.30 | -0.15 | 0.69 | 0.27 | 0.29 | 0.46 | 345000 0 | 385000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 57.0476817 30 | - 3.6078 81133 | 0.36 | -0.23 | 0.59 | 0.23 | 0.25 | 0.41 | 350000 0 | 385000 0 |
| 57.1301503 50 | - 2.7967 04360 | 0.32 | -0.05 | 0.28 | 0.27 | 0.28 | 0.47 | 355000 0 | 385000 0 |
| 57.2076041 90 | - 1.9823 07747 | 0.23 | -0.05 | -0.18 | 0.24 | 0.26 | 0.49 | 360000 0 | 385000 0 |
| 57.2800121 00 | - 1.1648 71807 | 0.17 | -0.04 | -0.32 | 0.39 | 0.39 | 0.71 | 365000 0 | 385000 0 |
| 57.7003928 90 | 6.2966 09792 | -0.24 | -0.58 | 0.33 | 0.36 | 0.36 | 0.65 | 410000 0 | 385000 0 |
| 57.7210433 00 | 7.1334 77268 | -0.32 | -0.62 | 0.47 | 0.33 | 0.32 | 0.58 | 415000 0 | 385000 0 |
| 57.7364333 30 | 7.9711 12111 | -0.34 | -0.71 | 0.70 | 0.32 | 0.32 | 0.55 | 420000 0 | 385000 0 |
| 57.7465563 40 | 8.8092 90973 | -0.37 | -0.74 | 1.09 | 0.35 | 0.35 | 0.59 | 425000 0 | 385000 0 |
| 57.7514079 40 | 9.6477 89449 | -0.36 | -0.73 | 1.43 | 0.29 | 0.29 | 0.49 | 430000 0 | 385000 0 |
| 57.7509860 40 | 10.486 382520 | -0.33 | -0.71 | 1.76 | 0.31 | 0.31 | 0.52 | 435000 0 | 385000 0 |
| 57.7452908 10 | 11.324 844960 | -0.35 | -0.70 | 2.03 | 0.30 | 0.30 | 0.51 | 440000 0 | 385000 0 |
| 57.7343247 20 | 12.162 951840 | -0.39 | -0.68 | 2.15 | 0.20 | 0.21 | 0.36 | 445000 0 | 385000 0 |
| 57.7180925 30 | 13.000 478880 | -0.51 | -0.52 | 2.37 | 0.18 | 0.19 | 0.33 | 450000 0 | 385000 0 |
| 57.6966012 30 | 13.837 202940 | -0.67 | -0.54 | 2.77 | 0.22 | 0.22 | 0.36 | 455000 0 | 385000 0 |
| 57.6698600 90 | 14.672 902440 | -0.72 | -0.43 | 2.78 | 0.32 | 0.32 | 0.54 | 460000 0 | 385000 0 |
| 57.6378805 90 | 15.507 357750 | -0.71 | -0.29 | 2.65 | 0.36 | 0.36 | 0.62 | 465000 0 | 385000 0 |
| 57.6006764 20 | 16.340 351640 | -0.61 | -0.19 | 2.44 | 0.33 | 0.33 | 0.59 | 470000 0 | 385000 0 |
| 57.5582634 30 | 17.171 669660 | -0.55 | -0.20 | 2.16 | 0.31 | 0.31 | 0.56 | 475000 0 | 385000 0 |
| 57.5106595 90 | 18.001 100530 | -0.62 | -0.16 | 1.99 | 0.28 | 0.28 | 0.47 | 480000 0 | 385000 0 |
| 57.4578849 60 | 18.828 436500 | -0.69 | -0.14 | 1.86 | 0.33 | 0.33 | 0.55 | 485000 0 | 385000 0 |
| 57.3999616 40 | 19.653 473740 | -0.71 | -0.13 | 1.75 | 0.39 | 0.40 | 0.69 | 490000 0 | 385000 0 |
| 57.3369137 00 | 20.476 012660 | -0.73 | -0.13 | 1.63 | 0.39 | 0.39 | 0.68 | 495000 0 | 385000 0 |
| 57.2687671 | 21.295 | -0.74 | -0.12 | 1.46 | 0.34 | 0.34 | 0.58 | 500000 | 385000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 50 | 858200 | | | | | | | 0 | 0 |
| 57.195549870 | 22.112820200 | -0.73 | -0.01 | 1.05 | 0.28 | 0.28 | 0.47 | 5050000 | 3850000 |
| 57.117291530 | 22.926713630 | -0.69 | 0.05 | 0.51 | 0.25 | 0.25 | 0.42 | 5100000 | 3850000 |
| 57.034023550 | 23.737358850 | -0.56 | -0.07 | 0.21 | 0.22 | 0.22 | 0.37 | 5150000 | 3850000 |
| 56.945779020 | 24.544581870 | -0.43 | -0.01 | 0.24 | 0.22 | 0.22 | 0.37 | 5200000 | 3850000 |
| 56.852592630 | 25.348214540 | -0.54 | -0.01 | 0.33 | 0.28 | 0.27 | 0.46 | 5250000 | 3850000 |
| 56.754500570 | 26.148094780 | -0.64 | -0.09 | 0.50 | 0.24 | 0.24 | 0.40 | 5300000 | 3850000 |
| 56.651540500 | 26.944066700 | -0.62 | -0.11 | 0.22 | 0.27 | 0.27 | 0.46 | 5350000 | 3850000 |
| 56.543751460 | 27.735980780 | -0.54 | -0.12 | -0.18 | 0.29 | 0.29 | 0.50 | 5400000 | 3850000 |
| 56.431173760 | 28.523693990 | -0.44 | -0.16 | -0.69 | 0.38 | 0.38 | 0.65 | 5450000 | 3850000 |
| 56.313848920 | 29.307069850 | -0.38 | -0.21 | -1.10 | 0.41 | 0.41 | 0.72 | 5500000 | 3850000 |
| 56.127484170 | -7.408017447 | 0.10 | -0.03 | -1.05 | 0.36 | 0.38 | 0.64 | 3250000 | 3800000 |
| 56.233137730 | -6.623659848 | 0.04 | 0.02 | -1.04 | 0.31 | 0.35 | 0.56 | 3300000 | 3800000 |
| 56.334009630 | -5.835425973 | 0.12 | 0.00 | -0.47 | 0.31 | 0.33 | 0.53 | 3350000 | 3800000 |
| 56.430062610 | -5.043461625 | 0.18 | -0.06 | 0.18 | 0.31 | 0.32 | 0.52 | 3400000 | 3800000 |
| 56.521260760 | -4.247918560 | 0.20 | -0.13 | 0.63 | 0.21 | 0.25 | 0.40 | 3450000 | 3800000 |
| 56.607569560 | -3.448954338 | 0.29 | -0.08 | 0.55 | 0.29 | 0.31 | 0.50 | 3500000 | 3800000 |
| 56.688956010 | -2.646732165 | 0.30 | 0.00 | 0.24 | 0.29 | 0.32 | 0.53 | 3550000 | 3800000 |
| 56.765388620 | -1.841420698 | 0.21 | -0.03 | -0.16 | 0.35 | 0.36 | 0.64 | 3600000 | 3800000 |
| 57.287116920 | 7.995510666 | -0.36 | -0.67 | 0.44 | 0.38 | 0.38 | 0.64 | 4200000 | 3800000 |
| 57.297101770 | 8.823616165 | -0.37 | -0.69 | 0.67 | 0.36 | 0.36 | 0.61 | 4250000 | 3800000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 57.3018871 40 | 9.6520 27709 | -0.37 | -0.71 | 0.84 | 0.29 | 0.29 | 0.49 | 430000 0 | 380000 0 |
| 57.3014709 90 | 10.480 529830 | -0.40 | -0.68 | 1.09 | 0.31 | 0.31 | 0.53 | 435000 0 | 380000 0 |
| 57.2958535 20 | 11.308 906870 | -0.45 | -0.61 | 1.31 | 0.32 | 0.32 | 0.54 | 440000 0 | 380000 0 |
| 57.2850370 80 | 12.136 943440 | -0.54 | -0.49 | 1.51 | 0.22 | 0.23 | 0.41 | 445000 0 | 380000 0 |
| 57.2690262 00 | 12.964 424770 | -0.56 | -0.42 | 1.81 | 0.32 | 0.32 | 0.55 | 450000 0 | 380000 0 |
| 57.2478275 80 | 13.791 137130 | -0.65 | -0.42 | 2.02 | 0.35 | 0.35 | 0.60 | 455000 0 | 380000 0 |
| 57.2214501 00 | 14.616 868260 | -0.71 | -0.37 | 2.07 | 0.36 | 0.36 | 0.62 | 460000 0 | 380000 0 |
| 57.1899047 20 | 15.441 407720 | -0.75 | -0.24 | 1.99 | 0.32 | 0.32 | 0.54 | 465000 0 | 380000 0 |
| 57.1532045 30 | 16.264 547290 | -0.64 | -0.13 | 1.82 | 0.21 | 0.21 | 0.39 | 470000 0 | 380000 0 |
| 57.1113647 10 | 17.086 081370 | -0.49 | -0.24 | 1.54 | 0.25 | 0.25 | 0.51 | 475000 0 | 380000 0 |
| 57.0644024 40 | 17.905 807280 | -0.55 | -0.21 | 1.43 | 0.36 | 0.36 | 0.63 | 480000 0 | 380000 0 |
| 57.0123369 20 | 18.723 525670 | -0.61 | -0.19 | 1.33 | 0.39 | 0.39 | 0.68 | 485000 0 | 380000 0 |
| 56.9551893 00 | 19.539 040840 | -0.63 | -0.20 | 1.22 | 0.40 | 0.40 | 0.71 | 490000 0 | 380000 0 |
| 56.8929826 30 | 20.352 161030 | -0.63 | -0.23 | 1.07 | 0.38 | 0.38 | 0.68 | 495000 0 | 380000 0 |
| 56.8257418 10 | 21.162 698740 | -0.59 | -0.22 | 0.80 | 0.32 | 0.33 | 0.58 | 500000 0 | 380000 0 |
| 56.7534935 50 | 21.970 471030 | -0.47 | -0.06 | 0.37 | 0.29 | 0.29 | 0.49 | 505000 0 | 380000 0 |
| 56.6762662 70 | 22.775 299760 | -0.47 | 0.00 | 0.00 | 0.25 | 0.25 | 0.42 | 510000 0 | 380000 0 |
| 56.5940901 00 | 23.577 011850 | -0.44 | -0.11 | -0.15 | 0.26 | 0.26 | 0.43 | 515000 0 | 380000 0 |
| 56.5069967 40 | 24.375 439510 | -0.27 | -0.09 | -0.11 | 0.26 | 0.26 | 0.43 | 520000 0 | 380000 0 |
| 56.4150194 60 | 25.170 420420 | -0.34 | -0.05 | -0.08 | 0.28 | 0.28 | 0.47 | 525000 0 | 380000 0 |
| 56.3181930 00 | 25.961 797940 | -0.48 | -0.10 | -0.06 | 0.26 | 0.26 | 0.44 | 530000 0 | 380000 0 |
| 56.2165535 00 | 26.749 421250 | -0.48 | -0.22 | -0.20 | 0.23 | 0.23 | 0.38 | 535000 0 | 380000 0 |
| 56.1101384 20 | 27.533 145520 | -0.42 | -0.16 | -0.50 | 0.16 | 0.16 | 0.33 | 540000 0 | 380000 0 |
| 55.9989864 90 | 28.312 832000 | -0.33 | -0.21 | -0.83 | 0.33 | 0.33 | 0.56 | 545000 0 | 380000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 55.8831376 00 | 29.088 348150 | -0.26 | -0.23 | -1.11 | 0.35 | 0.35 | 0.60 | 550000 0 | 380000 0 |
| 55.4705854 90 | - 8.7527 07529 | 0.25 | -0.11 | -0.62 | 0.41 | 0.41 | 0.74 | 315000 0 | 375000 0 |
| 55.5842552 90 | - 7.9842 32464 | 0.29 | -0.13 | -0.61 | 0.39 | 0.40 | 0.69 | 320000 0 | 375000 0 |
| 55.6932711 70 | - 7.2117 66251 | 0.24 | -0.11 | -0.65 | 0.38 | 0.38 | 0.65 | 325000 0 | 375000 0 |
| 55.7975949 50 | - 6.4354 38569 | 0.18 | -0.03 | -0.63 | 0.36 | 0.37 | 0.62 | 330000 0 | 375000 0 |
| 55.8971896 20 | - 5.6553 84916 | 0.20 | 0.07 | -0.45 | 0.26 | 0.29 | 0.46 | 335000 0 | 375000 0 |
| 55.9920193 90 | - 4.8717 46506 | 0.19 | 0.03 | 0.05 | 0.30 | 0.32 | 0.51 | 340000 0 | 375000 0 |
| 56.0820497 80 | - 4.0846 70146 | 0.17 | -0.03 | 0.42 | 0.30 | 0.31 | 0.51 | 345000 0 | 375000 0 |
| 56.1672476 70 | - 3.2943 08098 | 0.20 | 0.00 | 0.33 | 0.27 | 0.29 | 0.48 | 350000 0 | 375000 0 |
| 56.2475813 90 | - 2.5008 17917 | 0.25 | 0.02 | 0.05 | 0.30 | 0.34 | 0.56 | 355000 0 | 375000 0 |
| 56.3230207 50 | - 1.7043 62277 | 0.19 | -0.01 | -0.24 | 0.38 | 0.39 | 0.68 | 360000 0 | 375000 0 |
| 56.8228713 00 | 7.2014 11334 | -0.34 | -0.60 | -0.08 | 0.38 | 0.38 | 0.67 | 415000 0 | 375000 0 |
| 56.8378476 20 | 8.0192 26138 | -0.39 | -0.66 | 0.21 | 0.32 | 0.32 | 0.54 | 420000 0 | 375000 0 |
| 56.8476982 90 | 8.8375 40065 | -0.37 | -0.67 | 0.39 | 0.33 | 0.33 | 0.55 | 425000 0 | 375000 0 |
| 56.8524193 10 | 9.6561 47211 | -0.30 | -0.66 | 0.45 | 0.17 | 0.17 | 0.29 | 430000 0 | 375000 0 |
| 56.8520087 70 | 10.474 841130 | -0.40 | -0.62 | 0.63 | 0.32 | 0.32 | 0.54 | 435000 0 | 375000 0 |
| 56.8464668 10 | 11.293 415230 | -0.45 | -0.52 | 0.86 | 0.35 | 0.35 | 0.61 | 440000 0 | 375000 0 |
| 56.8357957 10 | 12.111 663110 | -0.51 | -0.39 | 1.08 | 0.32 | 0.33 | 0.57 | 445000 0 | 375000 0 |
| 56.8199998 10 | 12.929 379000 | -0.57 | -0.38 | 1.28 | 0.36 | 0.36 | 0.62 | 450000 0 | 375000 0 |
| 56.7990855 10 | 13.746 358100 | -0.64 | -0.38 | 1.41 | 0.37 | 0.38 | 0.64 | 455000 0 | 375000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 56.773061280 | 14.562396940 | -0.70 | -0.34 | 1.45 | 0.38 | 0.38 | 0.64 | 4600000 | 3750000 |
| 56.741937650 | 15.377293780 | -0.73 | -0.27 | 1.42 | 0.34 | 0.34 | 0.57 | 4650000 | 3750000 |
| 56.705727130 | 16.190848950 | -0.68 | -0.21 | 1.30 | 0.33 | 0.33 | 0.55 | 4700000 | 3750000 |
| 56.664444230 | 17.002865210 | -0.55 | -0.23 | 1.13 | 0.37 | 0.37 | 0.65 | 4750000 | 3750000 |
| 56.618105430 | 17.813148060 | -0.53 | -0.23 | 0.99 | 0.40 | 0.40 | 0.71 | 4800000 | 3750000 |
| 56.566729090 | 18.621506110 | -0.54 | -0.22 | 0.87 | 0.42 | 0.42 | 0.74 | 4850000 | 3750000 |
| 56.448946640 | 20.231699530 | -0.54 | -0.31 | 0.63 | 0.36 | 0.37 | 0.66 | 4950000 | 3750000 |
| 56.382586480 | 21.033170300 | -0.46 | -0.34 | 0.42 | 0.25 | 0.26 | 0.50 | 5000000 | 3750000 |
| 56.311280550 | 21.831987610 | -0.22 | -0.13 | -0.02 | 0.24 | 0.24 | 0.40 | 5050000 | 3750000 |
| 56.235056130 | 22.627979910 | -0.30 | -0.10 | -0.27 | 0.26 | 0.26 | 0.43 | 5100000 | 3750000 |
| 56.153942070 | 23.420980390 | -0.34 | -0.27 | -0.34 | 0.24 | 0.24 | 0.40 | 5150000 | 3750000 |
| 56.067968820 | 24.210827180 | -0.19 | -0.26 | -0.44 | 0.27 | 0.27 | 0.44 | 5200000 | 3750000 |
| 55.977168260 | 24.997363560 | -0.22 | -0.15 | -0.53 | 0.27 | 0.27 | 0.46 | 5250000 | 3750000 |
| 55.881573760 | 25.780438130 | -0.37 | -0.10 | -0.70 | 0.25 | 0.25 | 0.42 | 5300000 | 3750000 |
| 55.781220000 | 26.559904970 | -0.36 | -0.18 | -0.91 | 0.23 | 0.23 | 0.40 | 5350000 | 3750000 |
| 55.676142960 | 27.335623780 | -0.26 | -0.21 | -0.96 | 0.31 | 0.31 | 0.53 | 5400000 | 3750000 |
| 55.566379860 | 28.107459970 | -0.21 | -0.26 | -1.10 | 0.30 | 0.30 | 0.51 | 5450000 | 3750000 |
| 55.451969050 | 28.875284810 | -0.15 | -0.29 | -1.23 | 0.25 | 0.25 | 0.43 | 5500000 | 3750000 |
| 54.921900850 | -9.303253476 | 0.25 | -0.13 | -0.53 | 0.40 | 0.40 | 0.72 | 3100000 | 3700000 |
| 55.038744380 | -8.546290748 | 0.37 | -0.15 | -0.46 | 0.36 | 0.37 | 0.64 | 3150000 | 3700000 |
| 55.151020310 | -7.785367374 | 0.49 | -0.23 | -0.27 | 0.31 | 0.32 | 0.54 | 3200000 | 3700000 |
| 55.258690860 | -7.020603710 | 0.41 | -0.25 | -0.23 | 0.31 | 0.31 | 0.52 | 3250000 | 3700000 |
| 55.3617193 | - | 0.26 | -0.14 | -0.30 | 0.34 | 0.35 | 0.58 | 3300000 | 3700000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 30 | 6.2521 25673 | | | | | | | 0 | 0 |
| 55.4600701 40 | - 5.4800 64662 | 0.25 | -0.04 | -0.16 | 0.32 | 0.34 | 0.55 | 335000 0 | 370000 0 |
| 55.5537089 20 | - 4.7045 57454 | 0.23 | 0.00 | 0.16 | 0.30 | 0.32 | 0.52 | 340000 0 | 370000 0 |
| 55.6426025 40 | - 3.9257 46087 | 0.16 | 0.00 | 0.48 | 0.25 | 0.26 | 0.44 | 345000 0 | 370000 0 |
| 55.7267192 20 | - 3.1437 77727 | 0.16 | -0.01 | 0.19 | 0.25 | 0.26 | 0.43 | 350000 0 | 370000 0 |
| 55.8060285 40 | - 2.3588 04509 | 0.24 | -0.04 | -0.26 | 0.28 | 0.31 | 0.52 | 355000 0 | 370000 0 |
| 55.8805015 50 | - 1.5709 83373 | 0.17 | -0.03 | -0.40 | 0.37 | 0.38 | 0.65 | 360000 0 | 370000 0 |
| 56.3738402 60 | 7.2339 71979 | -0.32 | -0.55 | -0.41 | 0.37 | 0.37 | 0.65 | 415000 0 | 370000 0 |
| 56.3886185 00 | 8.0422 86233 | -0.40 | -0.62 | -0.10 | 0.24 | 0.24 | 0.40 | 420000 0 | 370000 0 |
| 56.3983387 90 | 8.8510 78964 | -0.36 | -0.63 | 0.04 | 0.33 | 0.33 | 0.55 | 425000 0 | 370000 0 |
| 56.4029973 00 | 9.6601 52776 | -0.32 | -0.59 | 0.28 | 0.34 | 0.34 | 0.56 | 430000 0 | 370000 0 |
| 56.4025921 90 | 10.469 309770 | -0.35 | -0.53 | 0.38 | 0.35 | 0.35 | 0.59 | 435000 0 | 370000 0 |
| 56.3971236 20 | 11.278 351900 | -0.41 | -0.46 | 0.46 | 0.34 | 0.34 | 0.58 | 440000 0 | 370000 0 |
| 56.3865937 50 | 12.087 081320 | -0.46 | -0.38 | 0.59 | 0.35 | 0.35 | 0.60 | 445000 0 | 370000 0 |
| 56.3710067 30 | 12.895 300750 | -0.54 | -0.39 | 0.75 | 0.35 | 0.35 | 0.59 | 450000 0 | 370000 0 |
| 56.3503687 00 | 13.702 813820 | -0.63 | -0.41 | 0.87 | 0.30 | 0.30 | 0.50 | 455000 0 | 370000 0 |
| 56.3246877 70 | 14.509 425420 | -0.66 | -0.37 | 0.95 | 0.34 | 0.34 | 0.58 | 460000 0 | 370000 0 |
| 56.2939740 10 | 15.314 942040 | -0.68 | -0.31 | 0.98 | 0.29 | 0.30 | 0.50 | 465000 0 | 370000 0 |
| 56.2582394 10 | 16.119 172100 | -0.63 | -0.28 | 0.90 | 0.33 | 0.33 | 0.56 | 470000 0 | 370000 0 |
| 56.2174978 60 | 16.921 926290 | -0.53 | -0.26 | 0.75 | 0.39 | 0.39 | 0.69 | 475000 0 | 370000 0 |
| 56.0048048 80 | 20.114 494830 | -0.45 | -0.29 | 0.24 | 0.38 | 0.38 | 0.67 | 495000 0 | 370000 0 |
| 55.9393012 60 | 20.907 130800 | -0.39 | -0.30 | 0.15 | 0.28 | 0.28 | 0.50 | 500000 0 | 370000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 55.8689120 20 | 21.697 219530 | -0.26 | -0.17 | -0.12 | 0.25 | 0.25 | 0.43 | 505000 0 | 370000 0 |
| 55.7936633 20 | 22.484 595740 | -0.32 | -0.14 | -0.40 | 0.26 | 0.26 | 0.43 | 510000 0 | 370000 0 |
| 55.7135828 30 | 23.269 098600 | -0.36 | -0.27 | -0.55 | 0.26 | 0.26 | 0.43 | 515000 0 | 370000 0 |
| 55.6286997 60 | 24.050 571940 | -0.19 | -0.35 | -0.69 | 0.27 | 0.27 | 0.45 | 520000 0 | 370000 0 |
| 55.5390447 40 | 24.828 864400 | -0.20 | -0.26 | -0.75 | 0.28 | 0.28 | 0.47 | 525000 0 | 370000 0 |
| 55.4446497 80 | 25.603 829630 | -0.31 | -0.13 | -0.92 | 0.23 | 0.23 | 0.39 | 530000 0 | 370000 0 |
| 55.3455482 00 | 26.375 326410 | -0.20 | -0.18 | -1.16 | 0.23 | 0.22 | 0.39 | 535000 0 | 370000 0 |
| 55.2417745 80 | 27.143 218840 | -0.10 | -0.26 | -1.32 | 0.27 | 0.27 | 0.47 | 540000 0 | 370000 0 |
| 55.1333646 70 | 27.907 376380 | -0.16 | -0.32 | -1.41 | 0.35 | 0.35 | 0.60 | 545000 0 | 370000 0 |
| 54.2467450 70 | - 10.582 380470 | 0.13 | -0.15 | -0.59 | 0.42 | 0.42 | 0.76 | 300000 0 | 365000 0 |
| 54.3711136 80 | - 9.8406 18207 | 0.20 | -0.21 | -0.51 | 0.39 | 0.39 | 0.68 | 305000 0 | 365000 0 |
| 54.4910364 10 | - 9.0948 24346 | 0.30 | -0.20 | -0.42 | 0.34 | 0.35 | 0.60 | 310000 0 | 365000 0 |
| 54.6064750 30 | - 8.3451 05231 | 0.46 | -0.17 | -0.36 | 0.24 | 0.28 | 0.46 | 315000 0 | 365000 0 |
| 54.7173922 40 | - 7.5915 72561 | 0.46 | -0.21 | -0.02 | 0.24 | 0.25 | 0.42 | 320000 0 | 365000 0 |
| 54.8237517 00 | - 6.8343 43349 | 0.33 | -0.29 | 0.03 | 0.23 | 0.24 | 0.40 | 325000 0 | 365000 0 |
| 54.9255181 10 | - 6.0735 39855 | 0.24 | -0.22 | -0.13 | 0.29 | 0.29 | 0.48 | 330000 0 | 365000 0 |
| 55.0226572 50 | - 5.3092 89503 | 0.24 | -0.09 | -0.01 | 0.29 | 0.30 | 0.50 | 335000 0 | 365000 0 |
| 55.1151360 90 | - 4.5417 24784 | 0.22 | -0.02 | 0.23 | 0.25 | 0.27 | 0.44 | 340000 0 | 365000 0 |
| 55.2029228 00 | - 3.7709 83142 | 0.11 | 0.01 | 0.39 | 0.29 | 0.30 | 0.49 | 345000 0 | 365000 0 |
| 55.2859868 60 | - 2.9972 | 0.11 | 0.03 | 0.20 | 0.22 | 0.24 | 0.39 | 350000 0 | 365000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 06838 | | | | | | | | |
| 55.3642990 60 | - 2.2205 42809 | 0.18 | -0.04 | -0.36 | 0.27 | 0.28 | 0.46 | 355000 0 | 365000 0 |
| 55.4378316 00 | - 1.4411 42501 | 0.13 | -0.03 | -0.51 | 0.30 | 0.30 | 0.51 | 360000 0 | 365000 0 |
| 55.9248369 50 | 7.2656 44987 | -0.27 | -0.46 | -0.82 | 0.39 | 0.39 | 0.68 | 415000 0 | 365000 0 |
| 55.9394226 50 | 8.0647 17166 | -0.31 | -0.51 | -0.58 | 0.34 | 0.34 | 0.59 | 420000 0 | 365000 0 |
| 55.9490162 20 | 8.8642 48272 | -0.30 | -0.53 | -0.33 | 0.33 | 0.33 | 0.55 | 425000 0 | 365000 0 |
| 55.9536139 60 | 9.6640 48966 | -0.27 | -0.53 | -0.03 | 0.32 | 0.32 | 0.54 | 430000 0 | 365000 0 |
| 55.9532141 40 | 10.463 929440 | -0.30 | -0.46 | 0.11 | 0.34 | 0.34 | 0.57 | 435000 0 | 365000 0 |
| 55.9478168 90 | 11.263 699750 | -0.35 | -0.37 | 0.08 | 0.17 | 0.17 | 0.30 | 440000 0 | 365000 0 |
| 55.9374242 90 | 12.063 170130 | -0.40 | -0.34 | 0.22 | 0.30 | 0.30 | 0.50 | 445000 0 | 365000 0 |
| 55.9220403 20 | 12.862 151360 | -0.49 | -0.37 | 0.33 | 0.26 | 0.27 | 0.46 | 450000 0 | 365000 0 |
| 55.9016708 40 | 13.660 455060 | -0.56 | -0.43 | 0.43 | 0.25 | 0.25 | 0.41 | 455000 0 | 365000 0 |
| 55.8763236 50 | 14.457 894010 | -0.56 | -0.40 | 0.57 | 0.31 | 0.31 | 0.53 | 460000 0 | 365000 0 |
| 55.8460083 60 | 15.254 282520 | -0.56 | -0.36 | 0.63 | 0.31 | 0.31 | 0.52 | 465000 0 | 365000 0 |
| 55.8107364 70 | 16.049 436680 | -0.52 | -0.33 | 0.54 | 0.34 | 0.35 | 0.59 | 470000 0 | 365000 0 |
| 55.7705213 00 | 16.843 174710 | -0.42 | -0.31 | 0.40 | 0.40 | 0.40 | 0.70 | 475000 0 | 365000 0 |
| 55.5605561 70 | 20.000 420460 | -0.38 | -0.29 | -0.16 | 0.39 | 0.39 | 0.68 | 495000 0 | 365000 0 |
| 55.4958859 10 | 20.784 445490 | -0.37 | -0.27 | -0.19 | 0.31 | 0.31 | 0.55 | 500000 0 | 365000 0 |
| 55.4263886 90 | 21.566 024060 | -0.29 | -0.13 | -0.28 | 0.23 | 0.23 | 0.42 | 505000 0 | 365000 0 |
| 55.3520895 90 | 22.344 996920 | -0.33 | -0.13 | -0.60 | 0.31 | 0.31 | 0.51 | 510000 0 | 365000 0 |
| 55.2730151 90 | 23.121 208970 | -0.36 | -0.18 | -0.71 | 0.29 | 0.29 | 0.48 | 515000 0 | 365000 0 |
| 55.1891935 10 | 23.894 509490 | -0.28 | -0.30 | -0.84 | 0.24 | 0.24 | 0.40 | 520000 0 | 365000 0 |
| 55.1006539 70 | 24.664 752260 | -0.24 | -0.28 | -0.90 | 0.25 | 0.25 | 0.42 | 525000 0 | 365000 0 |
| 55.0074273 10 | 25.431 795790 | -0.27 | -0.28 | -1.02 | 0.28 | 0.28 | 0.47 | 530000 0 | 365000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 54.9095455 60 | 26.195 503410 | -0.21 | -0.32 | -1.28 | 0.30 | 0.30 | 0.50 | 535000 0 | 365000 0 |
| 54.8070419 40 | 26.955 743450 | -0.16 | -0.36 | -1.53 | 0.32 | 0.32 | 0.55 | 540000 0 | 365000 0 |
| 54.6999508 40 | 27.712 389300 | -0.24 | -0.40 | -1.66 | 0.37 | 0.37 | 0.64 | 545000 0 | 365000 0 |
| 53.6910207 40 | - 11.096 365070 | 0.10 | -0.11 | -0.63 | 0.43 | 0.43 | 0.80 | 295000 0 | 360000 0 |
| 53.8182984 10 | - 10.365 391430 | 0.16 | -0.20 | -0.59 | 0.40 | 0.40 | 0.71 | 300000 0 | 360000 0 |
| 53.9412103 90 | - 9.6304 33574 | 0.25 | -0.34 | -0.48 | 0.29 | 0.29 | 0.49 | 305000 0 | 360000 0 |
| 54.0597190 50 | - 8.8915 90067 | 0.39 | -0.33 | -0.33 | 0.27 | 0.28 | 0.46 | 310000 0 | 360000 0 |
| 54.1737875 70 | - 8.1489 64572 | 0.57 | -0.30 | -0.14 | 0.23 | 0.26 | 0.43 | 315000 0 | 360000 0 |
| 54.2833800 20 | - 7.4026 65822 | 0.41 | -0.31 | 0.01 | 0.27 | 0.28 | 0.46 | 320000 0 | 360000 0 |
| 54.3884614 40 | - 6.6528 07572 | 0.20 | -0.32 | 0.03 | 0.25 | 0.26 | 0.42 | 325000 0 | 360000 0 |
| 54.4889978 60 | - 5.8995 08527 | 0.18 | -0.24 | -0.16 | 0.22 | 0.23 | 0.39 | 330000 0 | 360000 0 |
| 54.5849563 70 | - 5.1428 92261 | 0.16 | -0.11 | -0.03 | 0.31 | 0.31 | 0.53 | 335000 0 | 360000 0 |
| 54.6763052 00 | - 4.3830 87125 | 0.10 | -0.05 | 0.16 | 0.29 | 0.30 | 0.52 | 340000 0 | 360000 0 |
| 54.7630137 80 | - 3.6202 26133 | 0.02 | -0.04 | 0.20 | 0.29 | 0.31 | 0.52 | 345000 0 | 360000 0 |
| 54.8450527 60 | - 2.8544 46833 | 0.04 | 0.02 | -0.08 | 0.24 | 0.26 | 0.42 | 350000 0 | 360000 0 |
| 54.9223940 90 | - 2.0858 91171 | 0.09 | 0.01 | -0.50 | 0.26 | 0.27 | 0.44 | 355000 0 | 360000 0 |
| 54.9950110 90 | - 1.3147 05327 | 0.08 | 0.00 | -0.61 | 0.31 | 0.31 | 0.51 | 360000 0 | 360000 0 |
| 55.0628784 60 | - 0.5410 39553 | 0.06 | 0.01 | -0.70 | 0.39 | 0.39 | 0.68 | 365000 0 | 360000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 55.4758546 70 | 7.2964 65343 | -0.19 | -0.37 | -1.25 | 0.38 | 0.38 | 0.67 | 415000 0 | 360000 0 |
| 55.4902531 50 | 8.0865 43763 | -0.23 | -0.43 | -1.05 | 0.29 | 0.29 | 0.53 | 420000 0 | 360000 0 |
| 55.4997234 90 | 8.8770 62584 | -0.24 | -0.48 | -0.80 | 0.27 | 0.27 | 0.47 | 425000 0 | 360000 0 |
| 55.5042621 60 | 9.6678 40104 | -0.21 | -0.49 | -0.43 | 0.25 | 0.25 | 0.41 | 430000 0 | 360000 0 |
| 55.5038674 70 | 10.458 694180 | -0.26 | -0.42 | -0.06 | 0.34 | 0.34 | 0.57 | 435000 0 | 360000 0 |
| 55.4985395 70 | 11.249 442540 | -0.30 | -0.35 | -0.11 | 0.34 | 0.34 | 0.57 | 440000 0 | 360000 0 |
| 55.4882804 50 | 12.039 903090 | -0.35 | -0.33 | -0.10 | 0.32 | 0.32 | 0.55 | 445000 0 | 360000 0 |
| 55.4730939 10 | 12.829 894230 | -0.39 | -0.32 | -0.02 | 0.21 | 0.21 | 0.41 | 450000 0 | 360000 0 |
| 55.4529855 90 | 13.619 235150 | -0.43 | -0.41 | 0.05 | 0.25 | 0.25 | 0.48 | 455000 0 | 360000 0 |
| 55.4279629 20 | 14.407 746150 | -0.41 | -0.42 | 0.26 | 0.22 | 0.22 | 0.42 | 460000 0 | 360000 0 |
| 55.3980351 60 | 15.195 248920 | -0.39 | -0.41 | 0.34 | 0.30 | 0.30 | 0.52 | 465000 0 | 360000 0 |
| 55.3632133 10 | 15.981 566840 | -0.39 | -0.40 | 0.19 | 0.38 | 0.37 | 0.65 | 470000 0 | 360000 0 |
| 55.2789401 20 | 17.549 951900 | -0.17 | -0.30 | -0.06 | 0.38 | 0.38 | 0.68 | 480000 0 | 360000 0 |
| 55.2295194 40 | 18.331 676830 | -0.15 | -0.20 | -0.23 | 0.36 | 0.36 | 0.65 | 485000 0 | 360000 0 |
| 55.1752659 30 | 19.111 533020 | -0.27 | -0.25 | -0.46 | 0.37 | 0.37 | 0.67 | 490000 0 | 360000 0 |
| 55.1161990 60 | 19.889 356460 | -0.34 | -0.35 | -0.64 | 0.38 | 0.38 | 0.68 | 495000 0 | 360000 0 |
| 55.0523398 60 | 20.664 986420 | -0.34 | -0.33 | -0.69 | 0.36 | 0.36 | 0.64 | 500000 0 | 360000 0 |
| 54.9837109 00 | 21.438 265670 | -0.31 | -0.26 | -0.72 | 0.34 | 0.33 | 0.59 | 505000 0 | 360000 0 |
| 54.9103362 80 | 22.209 040670 | -0.33 | -0.19 | -0.84 | 0.33 | 0.33 | 0.56 | 510000 0 | 360000 0 |
| 54.8322414 90 | 22.977 161830 | -0.37 | -0.18 | -0.92 | 0.25 | 0.25 | 0.43 | 515000 0 | 360000 0 |
| 54.7494534 60 | 23.742 483630 | -0.36 | -0.34 | -1.14 | 0.26 | 0.26 | 0.44 | 520000 0 | 360000 0 |
| 54.6620004 30 | 24.504 864810 | -0.33 | -0.40 | -1.25 | 0.25 | 0.25 | 0.42 | 525000 0 | 360000 0 |
| 54.5699119 60 | 25.264 168550 | -0.33 | -0.47 | -1.35 | 0.21 | 0.21 | 0.36 | 530000 0 | 360000 0 |
| 54.4732188 20 | 26.020 262560 | -0.03 | -0.14 | -0.59 | 0.32 | 0.32 | 0.54 | 535000 0 | 360000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 54.3719529 70 | 26.773 019260 | -0.01 | -0.11 | -0.54 | 0.36 | 0.36 | 0.61 | 540000 0 | 360000 0 |
| 53.2635241 10 | - 10.878 133020 | 0.11 | -0.11 | -0.63 | 0.43 | 0.43 | 0.79 | 295000 0 | 355000 0 |
| 53.3893397 70 | - 10.153 688760 | 0.19 | -0.18 | -0.66 | 0.39 | 0.39 | 0.68 | 300000 0 | 355000 0 |
| 53.5108302 40 | - 9.4254 02053 | 0.33 | -0.29 | -0.69 | 0.29 | 0.30 | 0.49 | 305000 0 | 355000 0 |
| 53.6279592 40 | - 8.6933 69109 | 0.48 | -0.34 | -0.51 | 0.30 | 0.31 | 0.50 | 310000 0 | 355000 0 |
| 53.7406912 90 | - 7.9576 90964 | 0.62 | -0.39 | -0.24 | 0.27 | 0.30 | 0.50 | 315000 0 | 355000 0 |
| 53.8489918 00 | - 7.2184 73453 | 0.41 | -0.37 | -0.22 | 0.26 | 0.28 | 0.46 | 320000 0 | 355000 0 |
| 53.9528271 00 | - 6.4758 27152 | 0.17 | -0.26 | -0.25 | 0.29 | 0.30 | 0.49 | 325000 0 | 355000 0 |
| 54.0521644 80 | - 5.7298 67314 | 0.12 | -0.16 | -0.29 | 0.32 | 0.33 | 0.56 | 330000 0 | 355000 0 |
| 54.1469723 00 | - 4.9807 13788 | 0.12 | -0.08 | -0.20 | 0.31 | 0.32 | 0.56 | 335000 0 | 355000 0 |
| 54.2372200 10 | - 4.2284 90924 | 0.06 | -0.07 | -0.07 | 0.28 | 0.29 | 0.55 | 340000 0 | 355000 0 |
| 54.3228781 90 | - 3.4733 27466 | -0.02 | -0.07 | -0.08 | 0.29 | 0.32 | 0.54 | 345000 0 | 355000 0 |
| 54.4039186 30 | - 2.7153 56432 | 0.00 | 0.02 | -0.38 | 0.30 | 0.31 | 0.52 | 350000 0 | 355000 0 |
| 54.4803144 00 | - 1.9547 14974 | 0.05 | 0.07 | -0.67 | 0.24 | 0.26 | 0.42 | 355000 0 | 355000 0 |
| 54.5520398 40 | - 1.1915 44229 | 0.07 | 0.04 | -0.74 | 0.31 | 0.32 | 0.53 | 360000 0 | 355000 0 |
| 54.6190706 80 | - 0.4259 89160 | 0.04 | 0.03 | -0.81 | 0.38 | 0.38 | 0.66 | 365000 0 | 355000 0 |
| 54.6813840 10 | 0.3418 01629 | 0.01 | 0.03 | -0.87 | 0.41 | 0.42 | 0.75 | 370000 0 | 355000 0 |
| 55.0411030 80 | 8.1077 89552 | -0.08 | -0.47 | -1.47 | 0.27 | 0.28 | 0.53 | 420000 0 | 355000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 55.050453560 | 8.889535731 | -0.15 | -0.60 | -1.31 | 0.26 | 0.26 | 0.47 | 4250000 | 3550000 |
| 55.054934760 | 9.671530282 | -0.20 | -0.49 | -0.64 | 0.26 | 0.26 | 0.46 | 4300000 | 3550000 |
| 55.054545070 | 10.453598330 | -0.23 | -0.38 | -0.25 | 0.31 | 0.31 | 0.53 | 4350000 | 3550000 |
| 55.049284630 | 11.235564890 | -0.28 | -0.36 | -0.28 | 0.35 | 0.35 | 0.59 | 4400000 | 3550000 |
| 55.039155330 | 12.017255120 | -0.32 | -0.34 | -0.38 | 0.34 | 0.34 | 0.58 | 4450000 | 3550000 |
| 55.024160840 | 12.798494670 | -0.36 | -0.34 | -0.49 | 0.32 | 0.32 | 0.56 | 4500000 | 3550000 |
| 55.004306550 | 13.579109910 | -0.38 | -0.36 | -0.44 | 0.31 | 0.31 | 0.55 | 4550000 | 3550000 |
| 54.979599590 | 14.358928240 | -0.37 | -0.42 | -0.24 | 0.31 | 0.31 | 0.54 | 4600000 | 3550000 |
| 54.950048830 | 15.137778390 | -0.36 | -0.47 | -0.11 | 0.33 | 0.33 | 0.58 | 4650000 | 3550000 |
| 54.915664830 | 15.915490660 | -0.34 | -0.51 | -0.19 | 0.37 | 0.37 | 0.64 | 4700000 | 3550000 |
| 54.876459820 | 16.691897220 | -0.22 | -0.50 | -0.29 | 0.36 | 0.35 | 0.63 | 4750000 | 3550000 |
| 54.832447700 | 17.466832340 | 0.04 | -0.40 | -0.36 | 0.28 | 0.27 | 0.54 | 4800000 | 3550000 |
| 54.783643980 | 18.240132680 | -0.01 | -0.16 | -0.56 | 0.20 | 0.19 | 0.44 | 4850000 | 3550000 |
| 54.730065790 | 19.011637490 | -0.28 | -0.29 | -0.94 | 0.29 | 0.29 | 0.54 | 4900000 | 3550000 |
| 54.671731790 | 19.781188910 | -0.40 | -0.53 | -1.20 | 0.33 | 0.33 | 0.61 | 4950000 | 3550000 |
| 54.608662180 | 20.548632120 | -0.39 | -0.53 | -1.22 | 0.35 | 0.34 | 0.62 | 5000000 | 3550000 |
| 54.540878640 | 21.313815590 | -0.32 | -0.42 | -1.15 | 0.34 | 0.33 | 0.60 | 5050000 | 3550000 |
| 54.468404270 | 22.076591290 | -0.02 | -0.03 | -0.26 | 0.32 | 0.32 | 0.56 | 5100000 | 3550000 |
| 54.391263600 | 22.836814860 | -0.08 | -0.08 | -0.44 | 0.24 | 0.24 | 0.43 | 5150000 | 3550000 |
| 54.309482470 | 23.594345800 | -0.15 | -0.27 | -0.80 | 0.26 | 0.26 | 0.44 | 5200000 | 3550000 |
| 54.223088040 | 24.349047590 | -0.15 | -0.28 | -1.01 | 0.24 | 0.24 | 0.40 | 5250000 | 3550000 |
| 54.132108710 | 25.100787900 | -0.20 | -0.26 | -1.02 | 0.24 | 0.24 | 0.41 | 5300000 | 3550000 |
| 54.036574080 | 25.849438670 | -0.17 | -0.21 | -0.88 | 0.31 | 0.31 | 0.52 | 5350000 | 3550000 |
| 53.936514870 | 26.594876280 | -0.13 | -0.16 | -0.70 | 0.36 | 0.36 | 0.61 | 5400000 | 3550000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 52.8354928 00 | - 10.665 131900 | 0.10 | -0.09 | -0.59 | 0.43 | 0.43 | 0.79 | 295000 0 | 350000 0 |
| 52.9598810 80 | - 9.9470 92905 | 0.17 | -0.14 | -0.64 | 0.39 | 0.39 | 0.69 | 300000 0 | 350000 0 |
| 53.0799840 20 | - 9.2253 47028 | 0.29 | -0.17 | -0.79 | 0.28 | 0.30 | 0.50 | 305000 0 | 350000 0 |
| 53.1957666 40 | - 8.4999 88150 | 0.34 | -0.22 | -0.66 | 0.31 | 0.32 | 0.53 | 310000 0 | 350000 0 |
| 53.3071947 50 | - 7.7711 14731 | 0.33 | -0.25 | -0.50 | 0.35 | 0.36 | 0.61 | 315000 0 | 350000 0 |
| 53.4142350 20 | - 7.0388 29772 | 0.21 | -0.18 | -0.56 | 0.33 | 0.33 | 0.55 | 320000 0 | 350000 0 |
| 53.5168550 20 | - 6.3032 40756 | 0.05 | -0.05 | -0.69 | 0.21 | 0.22 | 0.37 | 325000 0 | 350000 0 |
| 53.6150232 70 | - 5.5644 59585 | 0.09 | -0.05 | -0.61 | 0.33 | 0.33 | 0.56 | 330000 0 | 350000 0 |
| 53.7087093 10 | - 4.8226 02499 | 0.15 | -0.02 | -0.51 | 0.31 | 0.32 | 0.56 | 335000 0 | 350000 0 |
| 53.7978837 40 | - 4.0777 89987 | 0.13 | -0.04 | -0.47 | 0.32 | 0.33 | 0.58 | 340000 0 | 350000 0 |
| 53.8825182 60 | - 3.3301 46680 | 0.05 | -0.04 | -0.50 | 0.34 | 0.35 | 0.59 | 345000 0 | 350000 0 |
| 53.9625857 70 | - 2.5798 01235 | -0.03 | 0.05 | -0.62 | 0.29 | 0.30 | 0.50 | 350000 0 | 350000 0 |
| 54.0380603 60 | - 1.8268 86203 | -0.02 | 0.14 | -0.75 | 0.26 | 0.27 | 0.45 | 355000 0 | 350000 0 |
| 54.1089173 70 | - 1.0715 37887 | 0.06 | 0.06 | -0.80 | 0.21 | 0.24 | 0.39 | 360000 0 | 350000 0 |
| 54.1751334 70 | - 0.3138 96185 | 0.02 | 0.04 | -0.96 | 0.33 | 0.34 | 0.57 | 365000 0 | 350000 0 |
| 54.2366866 70 | 0.4458 95575 | -0.04 | 0.06 | -1.02 | 0.39 | 0.39 | 0.68 | 370000 0 | 350000 0 |
| 54.5779263 30 | 7.3556 79016 | -0.08 | -0.34 | -1.80 | 0.35 | 0.35 | 0.63 | 415000 0 | 350000 0 |
| 54.5919655 20 | 8.1284 76840 | -0.06 | -0.55 | -1.67 | 0.27 | 0.28 | 0.52 | 420000 0 | 350000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 54.601199380 | 8.901680825 | -0.13 | -0.69 | -1.64 | 0.26 | 0.26 | 0.48 | 4250000 | 3500000 |
| 54.605624670 | 9.675123382 | -0.21 | -0.53 | -1.12 | 0.28 | 0.28 | 0.49 | 4300000 | 3500000 |
| 54.605239850 | 10.448636540 | -0.23 | -0.38 | -0.69 | 0.28 | 0.28 | 0.50 | 4350000 | 3500000 |
| 54.600045030 | 11.222052210 | -0.26 | -0.36 | -0.59 | 0.26 | 0.26 | 0.47 | 4400000 | 3500000 |
| 54.590042060 | 11.995202450 | -0.33 | -0.42 | -0.81 | 0.23 | 0.23 | 0.43 | 4450000 | 3500000 |
| 54.575234430 | 12.767919780 | -0.36 | -0.40 | -1.06 | 0.29 | 0.29 | 0.52 | 4500000 | 3500000 |
| 54.555627320 | 13.540037380 | -0.38 | -0.37 | -1.05 | 0.21 | 0.21 | 0.44 | 4550000 | 3500000 |
| 54.531227580 | 14.311389420 | -0.42 | -0.47 | -0.81 | 0.32 | 0.32 | 0.56 | 4600000 | 3500000 |
| 54.502043700 | 15.081811300 | -0.43 | -0.57 | -0.61 | 0.34 | 0.34 | 0.61 | 4650000 | 3500000 |
| 54.468085820 | 15.851139880 | 0.01 | -0.34 | -0.01 | 0.32 | 0.31 | 0.58 | 4700000 | 3500000 |
| 54.429365670 | 16.619213800 | 0.09 | -0.33 | -0.11 | 0.29 | 0.29 | 0.53 | 4750000 | 3500000 |
| 54.385896600 | 17.385873650 | 0.14 | -0.27 | -0.27 | 0.24 | 0.24 | 0.46 | 4800000 | 3500000 |
| 54.337693490 | 18.150962260 | -0.01 | -0.14 | -0.48 | 0.23 | 0.23 | 0.43 | 4850000 | 3500000 |
| 54.284772770 | 18.914324920 | -0.10 | -0.20 | -0.71 | 0.25 | 0.24 | 0.45 | 4900000 | 3500000 |
| 54.227152370 | 19.675809590 | -0.14 | -0.37 | -0.86 | 0.26 | 0.26 | 0.50 | 4950000 | 3500000 |
| 54.164851680 | 20.435267110 | -0.11 | -0.36 | -0.76 | 0.27 | 0.26 | 0.51 | 5000000 | 3500000 |
| 54.097891520 | 21.192551410 | -0.05 | -0.19 | -0.54 | 0.26 | 0.25 | 0.50 | 5050000 | 3500000 |
| 54.026294100 | 21.947519710 | -0.07 | -0.15 | -0.55 | 0.27 | 0.26 | 0.50 | 5100000 | 3500000 |
| 53.950082960 | 22.700032670 | -0.17 | -0.34 | -0.80 | 0.26 | 0.26 | 0.47 | 5150000 | 3500000 |
| 53.869282950 | 23.449954580 | -0.21 | -0.42 | -1.00 | 0.28 | 0.28 | 0.49 | 5200000 | 3500000 |
| 53.783920190 | 24.197153510 | -0.21 | -0.35 | -1.08 | 0.32 | 0.32 | 0.54 | 5250000 | 3500000 |
| 53.694021970 | 24.941501420 | -0.23 | -0.27 | -1.09 | 0.31 | 0.31 | 0.52 | 5300000 | 3500000 |
| 53.599616770 | 25.682874350 | -0.20 | -0.21 | -0.97 | 0.34 | 0.34 | 0.59 | 5350000 | 3500000 |
| 52.279732870 | -11.165278250 | 0.05 | -0.05 | -0.53 | 0.44 | 0.44 | 0.83 | 2900000 | 3450000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 52.4069389 60 | - 10.457 187440 | 0.08 | -0.08 | -0.48 | 0.43 | 0.43 | 0.79 | 295000 0 | 345000 0 |
| 52.5299333 90 | - 9.7454 32180 | 0.11 | -0.11 | -0.45 | 0.39 | 0.40 | 0.70 | 300000 0 | 345000 0 |
| 52.6486816 90 | - 9.0300 99714 | 0.11 | -0.13 | -0.46 | 0.30 | 0.32 | 0.53 | 305000 0 | 345000 0 |
| 52.7631501 30 | - 8.3112 81635 | 0.11 | -0.16 | -0.48 | 0.26 | 0.28 | 0.47 | 310000 0 | 345000 0 |
| 52.8733057 50 | - 7.5890 73879 | 0.14 | -0.19 | -0.50 | 0.35 | 0.36 | 0.60 | 315000 0 | 345000 0 |
| 52.9791164 40 | - 6.8635 76677 | 0.09 | -0.13 | -0.68 | 0.33 | 0.34 | 0.56 | 320000 0 | 345000 0 |
| 53.0805509 30 | - 6.1348 94504 | 0.04 | -0.04 | -0.88 | 0.29 | 0.30 | 0.49 | 325000 0 | 345000 0 |
| 53.1775789 20 | - 5.4031 36008 | 0.09 | -0.04 | -0.88 | 0.33 | 0.33 | 0.55 | 330000 0 | 345000 0 |
| 53.2701710 90 | - 4.6684 13939 | 0.19 | 0.02 | -0.84 | 0.22 | 0.23 | 0.43 | 335000 0 | 345000 0 |
| 53.3582991 20 | - 3.9308 45056 | 0.21 | -0.06 | -0.87 | 0.28 | 0.28 | 0.51 | 340000 0 | 345000 0 |
| 53.4419358 10 | - 3.1905 50026 | 0.13 | -0.10 | -0.85 | 0.29 | 0.30 | 0.52 | 345000 0 | 345000 0 |
| 53.5210550 70 | - 2.4476 53313 | -0.03 | 0.01 | -0.75 | 0.23 | 0.24 | 0.43 | 350000 0 | 345000 0 |
| 53.5956319 80 | - 1.7022 83049 | -0.07 | 0.13 | -0.80 | 0.27 | 0.28 | 0.46 | 355000 0 | 345000 0 |
| 53.6656428 40 | - 0.9545 70901 | 0.02 | 0.07 | -0.97 | 0.28 | 0.29 | 0.48 | 360000 0 | 345000 0 |
| 53.7310652 30 | - 0.2046 51920 | -0.03 | 0.06 | -1.17 | 0.23 | 0.25 | 0.41 | 365000 0 | 345000 0 |
| 53.7918780 10 | 0.5473 35618 | -0.11 | 0.11 | -1.20 | 0.32 | 0.33 | 0.56 | 370000 0 | 345000 0 |
| 54.1103584 40 | 6.6201 91213 | 0.00 | 0.09 | -1.41 | 0.30 | 0.30 | 0.57 | 410000 0 | 345000 0 |
| 54.1289668 30 | 7.3841 33619 | 0.01 | -0.11 | -1.10 | 0.30 | 0.30 | 0.54 | 415000 0 | 345000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 54.1428335 60 | 8.1486 26801 | 0.06 | -0.26 | -0.72 | 0.25 | 0.25 | 0.46 | 420000 0 | 345000 0 |
| 54.1519539 20 | 8.9135 10311 | 0.04 | -0.40 | -0.95 | 0.25 | 0.25 | 0.48 | 425000 0 | 345000 0 |
| 54.1563247 90 | 9.6786 23089 | 0.01 | -0.32 | -0.77 | 0.30 | 0.30 | 0.54 | 430000 0 | 345000 0 |
| 54.1559447 00 | 10.443 803710 | -0.02 | -0.22 | -0.63 | 0.29 | 0.29 | 0.53 | 435000 0 | 345000 0 |
| 54.1508137 60 | 11.208 890650 | -0.03 | -0.20 | -0.74 | 0.28 | 0.28 | 0.51 | 440000 0 | 345000 0 |
| 54.1409337 40 | 11.973 722520 | -0.07 | -0.27 | -0.99 | 0.22 | 0.22 | 0.42 | 445000 0 | 345000 0 |
| 54.1263079 90 | 12.738 138340 | -0.10 | -0.22 | -0.93 | 0.26 | 0.26 | 0.48 | 450000 0 | 345000 0 |
| 54.1069414 80 | 13.501 977780 | -0.14 | -0.24 | -0.74 | 0.25 | 0.25 | 0.46 | 455000 0 | 345000 0 |
| 54.0828407 80 | 14.265 081440 | -0.15 | -0.31 | -0.45 | 0.26 | 0.26 | 0.48 | 460000 0 | 345000 0 |
| 54.0540140 50 | 15.027 291030 | -0.11 | -0.34 | -0.19 | 0.28 | 0.27 | 0.53 | 465000 0 | 345000 0 |
| 54.0204710 10 | 15.788 449700 | -0.08 | -0.36 | -0.12 | 0.28 | 0.27 | 0.53 | 470000 0 | 345000 0 |
| 53.9822229 30 | 16.548 402200 | -0.11 | -0.32 | -0.30 | 0.27 | 0.27 | 0.50 | 475000 0 | 345000 0 |
| 53.9392826 10 | 17.306 995150 | -0.20 | -0.32 | -0.56 | 0.27 | 0.27 | 0.49 | 480000 0 | 345000 0 |
| 53.8916643 50 | 18.064 077270 | -0.29 | -0.31 | -0.74 | 0.26 | 0.26 | 0.46 | 485000 0 | 345000 0 |
| 53.8393839 30 | 18.819 499580 | -0.24 | -0.27 | -0.85 | 0.24 | 0.24 | 0.45 | 490000 0 | 345000 0 |
| 53.7824585 60 | 19.573 115610 | -0.15 | -0.24 | -0.92 | 0.26 | 0.26 | 0.48 | 495000 0 | 345000 0 |
| 53.7209068 80 | 20.324 781590 | -0.15 | -0.26 | -0.89 | 0.24 | 0.23 | 0.44 | 500000 0 | 345000 0 |
| 53.6547488 80 | 21.074 356690 | -0.12 | -0.24 | -0.79 | 0.27 | 0.27 | 0.48 | 505000 0 | 345000 0 |
| 53.5840059 10 | 21.821 703130 | -0.10 | -0.28 | -0.81 | 0.29 | 0.28 | 0.51 | 510000 0 | 345000 0 |
| 53.5087006 00 | 22.566 686380 | -0.15 | -0.40 | -0.93 | 0.25 | 0.25 | 0.47 | 515000 0 | 345000 0 |
| 53.4288568 50 | 23.309 175340 | -0.19 | -0.43 | -0.94 | 0.24 | 0.24 | 0.45 | 520000 0 | 345000 0 |
| 53.3444997 60 | 24.049 042460 | -0.18 | -0.33 | -0.98 | 0.33 | 0.33 | 0.58 | 525000 0 | 345000 0 |
| 53.2556556 10 | 24.786 163860 | -0.16 | -0.26 | -0.98 | 0.38 | 0.38 | 0.65 | 530000 0 | 345000 0 |
| 53.1623517 80 | 25.520 419500 | -0.14 | -0.21 | -0.91 | 0.39 | 0.39 | 0.68 | 535000 0 | 345000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 51.8520665 30 | - 10.956 185020 | 0.04 | -0.05 | -0.46 | 0.44 | 0.44 | 0.84 | 290000 0 | 340000 0 |
| 51.9778738 80 | - 10.254 132840 | 0.06 | -0.08 | -0.35 | 0.43 | 0.43 | 0.79 | 295000 0 | 340000 0 |
| 52.0995069 40 | - 9.5485 42347 | 0.08 | -0.12 | -0.18 | 0.39 | 0.39 | 0.69 | 300000 0 | 340000 0 |
| 52.2169324 50 | - 8.8394 98736 | 0.08 | -0.16 | -0.02 | 0.31 | 0.33 | 0.55 | 305000 0 | 340000 0 |
| 52.3301178 80 | - 8.1270 91359 | 0.07 | -0.19 | -0.13 | 0.32 | 0.33 | 0.55 | 310000 0 | 340000 0 |
| 52.4390314 50 | - 7.4114 13680 | 0.06 | -0.22 | -0.35 | 0.30 | 0.32 | 0.53 | 315000 0 | 340000 0 |
| 52.5436421 80 | - 6.6925 63229 | 0.04 | -0.21 | -0.58 | 0.28 | 0.29 | 0.49 | 320000 0 | 340000 0 |
| 52.6439199 70 | - 5.9706 41551 | 0.04 | -0.13 | -0.84 | 0.35 | 0.36 | 0.60 | 325000 0 | 340000 0 |
| 52.7398356 00 | - 5.2457 54143 | 0.09 | -0.14 | -1.05 | 0.32 | 0.32 | 0.54 | 330000 0 | 340000 0 |
| 52.8313608 50 | - 4.5180 10374 | 0.14 | -0.13 | -1.19 | 0.25 | 0.25 | 0.43 | 335000 0 | 340000 0 |
| 52.9184684 50 | - 3.7875 23404 | 0.13 | -0.08 | -1.20 | 0.29 | 0.30 | 0.51 | 340000 0 | 340000 0 |
| 53.0011322 10 | - 3.0544 10080 | 0.10 | -0.09 | -1.15 | 0.29 | 0.29 | 0.51 | 345000 0 | 340000 0 |
| 53.0793270 30 | - 2.3187 90830 | -0.02 | -0.04 | -0.95 | 0.22 | 0.23 | 0.44 | 350000 0 | 340000 0 |
| 53.1530289 40 | - 1.5807 89545 | -0.12 | 0.00 | -0.82 | 0.26 | 0.27 | 0.47 | 355000 0 | 340000 0 |
| 53.2222151 50 | - 0.8405 33443 | -0.03 | 0.00 | -1.00 | 0.26 | 0.27 | 0.46 | 360000 0 | 340000 0 |
| 53.2868640 80 | - 0.0981 52933 | -0.04 | 0.12 | -1.26 | 0.26 | 0.27 | 0.45 | 365000 0 | 340000 0 |
| 53.3469554 30 | 0.6462 18543 | -0.11 | 0.21 | -1.33 | 0.29 | 0.31 | 0.51 | 370000 0 | 340000 0 |
| 53.4024701 | 1.3924 | -0.10 | 0.17 | -1.25 | 0.36 | 0.37 | 0.64 | 375000 | 340000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 80 | 44665 | | | | | | | 0 | 0 |
| 53.5784300 10 | 4.3930 78531 | -0.11 | 0.00 | -1.31 | 0.37 | 0.37 | 0.66 | 395000 0 | 340000 0 |
| 53.6108241 50 | 5.1464 45039 | -0.16 | 0.08 | -1.63 | 0.31 | 0.31 | 0.55 | 400000 0 | 340000 0 |
| 53.6385565 80 | 5.9007 98158 | -0.04 | 0.10 | -2.40 | 0.26 | 0.26 | 0.47 | 405000 0 | 340000 0 |
| 53.6616182 20 | 6.6559 86738 | -0.08 | -0.22 | -2.94 | 0.23 | 0.23 | 0.43 | 410000 0 | 340000 0 |
| 53.6800014 80 | 7.4118 58355 | -0.05 | -0.34 | -1.86 | 0.26 | 0.26 | 0.47 | 415000 0 | 340000 0 |
| 53.6937002 90 | 8.1682 59538 | 0.10 | -0.25 | -0.84 | 0.21 | 0.21 | 0.39 | 420000 0 | 340000 0 |
| 53.7027101 40 | 8.9250 36006 | 0.14 | -0.32 | -0.86 | 0.25 | 0.25 | 0.47 | 425000 0 | 340000 0 |
| 53.7070280 30 | 9.6820 32900 | 0.08 | -0.43 | -1.01 | 0.24 | 0.24 | 0.47 | 430000 0 | 340000 0 |
| 53.7066525 40 | 10.439 095020 | 0.00 | -0.39 | -1.04 | 0.28 | 0.28 | 0.52 | 435000 0 | 340000 0 |
| 53.7015838 00 | 11.196 067070 | 0.00 | -0.27 | -1.14 | 0.26 | 0.26 | 0.49 | 440000 0 | 340000 0 |
| 53.6918234 80 | 11.952 793890 | -0.02 | -0.20 | -1.11 | 0.26 | 0.26 | 0.48 | 445000 0 | 340000 0 |
| 53.6773748 10 | 12.709 120690 | -0.10 | -0.19 | -0.93 | 0.26 | 0.26 | 0.48 | 450000 0 | 340000 0 |
| 53.6582425 70 | 13.464 893310 | -0.20 | -0.27 | -0.77 | 0.26 | 0.26 | 0.48 | 455000 0 | 340000 0 |
| 53.6344330 50 | 14.219 958430 | -0.25 | -0.31 | -0.58 | 0.25 | 0.24 | 0.45 | 460000 0 | 340000 0 |
| 53.6059540 90 | 14.974 163810 | -0.17 | -0.24 | -0.32 | 0.25 | 0.25 | 0.48 | 465000 0 | 340000 0 |
| 53.5728150 30 | 15.727 358530 | -0.06 | -0.19 | -0.19 | 0.27 | 0.27 | 0.51 | 470000 0 | 340000 0 |
| 53.5350266 90 | 16.479 393200 | -0.07 | -0.29 | -0.35 | 0.27 | 0.27 | 0.50 | 475000 0 | 340000 0 |
| 53.4926013 60 | 17.230 120160 | -0.13 | -0.35 | -0.59 | 0.27 | 0.26 | 0.49 | 480000 0 | 340000 0 |
| 53.4455527 90 | 17.979 393750 | -0.16 | -0.32 | -0.77 | 0.26 | 0.26 | 0.47 | 485000 0 | 340000 0 |
| 53.3938961 10 | 18.727 070450 | -0.10 | -0.18 | -0.84 | 0.25 | 0.25 | 0.46 | 490000 0 | 340000 0 |
| 53.3376478 90 | 19.473 009100 | -0.08 | -0.10 | -0.90 | 0.25 | 0.25 | 0.46 | 495000 0 | 340000 0 |
| 53.2768260 10 | 20.217 071110 | -0.11 | -0.18 | -0.89 | 0.24 | 0.24 | 0.45 | 500000 0 | 340000 0 |
| 53.2114497 20 | 20.959 120610 | -0.08 | -0.31 | -0.89 | 0.26 | 0.26 | 0.48 | 505000 0 | 340000 0 |
| 53.1415395 | 21.699 | 0.02 | -0.35 | -0.95 | 0.25 | 0.25 | 0.47 | 510000 | 340000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 10 | 024620 | | | | | | | 0 | 0 |
| 53.0671171 80 | 22.436 653240 | 0.05 | -0.36 | -0.97 | 0.26 | 0.26 | 0.48 | 515000 0 | 340000 0 |
| 52.9882056 80 | 23.171 879780 | -0.03 | -0.35 | -0.89 | 0.25 | 0.24 | 0.45 | 520000 0 | 340000 0 |
| 52.9048291 90 | 23.904 580890 | -0.11 | -0.29 | -0.89 | 0.32 | 0.31 | 0.56 | 525000 0 | 340000 0 |
| 52.8170129 80 | 24.634 636710 | -0.10 | -0.24 | -0.90 | 0.38 | 0.38 | 0.67 | 530000 0 | 340000 0 |
| 52.7247834 10 | 25.361 930960 | -0.08 | -0.22 | -0.85 | 0.39 | 0.39 | 0.68 | 535000 0 | 340000 0 |
| 51.4238673 90 | - 10.751 933090 | 0.03 | -0.05 | -0.43 | 0.44 | 0.44 | 0.84 | 290000 0 | 335000 0 |
| 51.5483080 40 | - 10.055 808430 | 0.05 | -0.07 | -0.28 | 0.43 | 0.43 | 0.79 | 295000 0 | 335000 0 |
| 51.6686112 00 | - 9.3562 66243 | 0.07 | -0.12 | -0.04 | 0.38 | 0.39 | 0.69 | 300000 0 | 335000 0 |
| 51.7847447 80 | - 8.6533 89745 | 0.10 | -0.20 | 0.32 | 0.23 | 0.27 | 0.45 | 305000 0 | 335000 0 |
| 51.8966773 80 | - 7.9472 66078 | 0.07 | -0.20 | 0.06 | 0.33 | 0.34 | 0.57 | 310000 0 | 335000 0 |
| 52.0043783 30 | - 7.2379 86283 | 0.04 | -0.20 | -0.29 | 0.35 | 0.36 | 0.60 | 315000 0 | 335000 0 |
| 52.1078177 80 | - 6.5256 45259 | 0.01 | -0.19 | -0.56 | 0.34 | 0.35 | 0.59 | 320000 0 | 335000 0 |
| 52.2069667 00 | - 5.8103 41704 | 0.00 | -0.16 | -0.81 | 0.36 | 0.37 | 0.62 | 325000 0 | 335000 0 |
| 52.3017969 50 | - 5.0921 78056 | 0.03 | -0.18 | -1.05 | 0.32 | 0.32 | 0.54 | 330000 0 | 335000 0 |
| 52.3922813 20 | - 4.3712 60418 | 0.05 | -0.15 | -1.26 | 0.26 | 0.27 | 0.45 | 335000 0 | 335000 0 |
| 52.4783935 60 | - 3.6476 98469 | 0.00 | -0.05 | -1.35 | 0.25 | 0.27 | 0.44 | 340000 0 | 335000 0 |
| 52.5601084 50 | - 2.9216 05379 | 0.04 | -0.04 | -1.37 | 0.29 | 0.30 | 0.51 | 345000 0 | 335000 0 |
| 52.6374018 30 | - 2.1930 97693 | -0.01 | -0.02 | -1.19 | 0.27 | 0.27 | 0.49 | 350000 0 | 335000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 52.7102506 20 | - 1.4622 95225 | -0.13 | -0.08 | -0.92 | 0.26 | 0.27 | 0.47 | 355000 0 | 335000 0 |
| 52.7786329 00 | - 0.7293 20927 | -0.13 | -0.11 | -0.96 | 0.27 | 0.28 | 0.47 | 360000 0 | 335000 0 |
| 52.8425279 20 | 0.0056 99243 | -0.04 | 0.02 | -1.20 | 0.27 | 0.28 | 0.46 | 365000 0 | 335000 0 |
| 52.9019161 50 | 0.7426 36466 | -0.07 | 0.19 | -1.32 | 0.25 | 0.26 | 0.43 | 370000 0 | 335000 0 |
| 52.9567792 90 | 1.4813 59215 | -0.08 | 0.17 | -1.26 | 0.29 | 0.30 | 0.53 | 375000 0 | 335000 0 |
| 53.0071003 50 | 2.2217 33422 | 0.00 | 0.03 | -1.20 | 0.37 | 0.37 | 0.66 | 380000 0 | 335000 0 |
| 53.1306608 20 | 4.4513 89575 | -0.04 | -0.15 | -1.40 | 0.30 | 0.30 | 0.53 | 395000 0 | 335000 0 |
| 53.1626701 70 | 5.1969 84185 | -0.05 | -0.07 | -1.73 | 0.23 | 0.23 | 0.41 | 400000 0 | 335000 0 |
| 53.1900726 50 | 5.9435 28002 | 0.26 | -0.07 | -2.86 | 0.22 | 0.22 | 0.40 | 405000 0 | 335000 0 |
| 53.2128595 30 | 6.6908 75550 | 0.27 | -0.53 | -3.81 | 0.19 | 0.19 | 0.35 | 410000 0 | 335000 0 |
| 53.2310235 20 | 7.4388 80153 | 0.20 | -0.54 | -2.06 | 0.21 | 0.21 | 0.40 | 415000 0 | 335000 0 |
| 53.2445588 00 | 8.1873 94155 | 0.18 | -0.32 | -0.92 | 0.30 | 0.30 | 0.52 | 420000 0 | 335000 0 |
| 53.2534610 20 | 8.9362 69137 | 0.12 | -0.31 | -0.65 | 0.31 | 0.31 | 0.55 | 425000 0 | 335000 0 |
| 53.2577273 10 | 9.6853 56139 | 0.02 | -0.44 | -0.79 | 0.30 | 0.30 | 0.53 | 430000 0 | 335000 0 |
| 53.2573563 20 | 10.434 505880 | -0.06 | -0.49 | -0.91 | 0.29 | 0.29 | 0.51 | 435000 0 | 335000 0 |
| 53.2523481 40 | 11.183 568980 | -0.04 | -0.31 | -0.95 | 0.26 | 0.26 | 0.48 | 440000 0 | 335000 0 |
| 53.2427044 00 | 11.932 396210 | -0.02 | -0.11 | -0.82 | 0.25 | 0.25 | 0.46 | 445000 0 | 335000 0 |
| 53.2284282 00 | 12.680 838660 | -0.09 | -0.10 | -0.70 | 0.26 | 0.26 | 0.48 | 450000 0 | 335000 0 |
| 53.2095241 20 | 13.428 748040 | -0.19 | -0.23 | -0.73 | 0.28 | 0.28 | 0.50 | 455000 0 | 335000 0 |
| 53.1859982 10 | 14.175 976810 | -0.25 | -0.28 | -0.70 | 0.25 | 0.25 | 0.45 | 460000 0 | 335000 0 |
| 53.1578580 00 | 14.922 378500 | -0.18 | -0.22 | -0.49 | 0.24 | 0.24 | 0.45 | 465000 0 | 335000 0 |
| 53.1251124 60 | 15.667 807830 | -0.08 | -0.23 | -0.29 | 0.28 | 0.27 | 0.50 | 470000 0 | 335000 0 |
| 53.0877719 90 | 16.412 120970 | -0.01 | -0.34 | -0.32 | 0.26 | 0.26 | 0.48 | 475000 0 | 335000 0 |
| 53.0458483 | 17.155 | 0.01 | -0.34 | -0.55 | 0.27 | 0.27 | 0.50 | 480000 | 335000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|-------------|
| 90 | 175750 | | | | | | | 0 | 0 |
| 52.9993548 70 | 17.896 831830 | 0.04 | -0.29 | -0.78 | 0.25 | 0.25 | 0.47 | 485000 0 | 335000 0 |
| 52.9483059 90 | 18.636 950920 | 0.01 | -0.18 | -0.93 | 0.24 | 0.24 | 0.45 | 490000 0 | 335000 0 |
| 52.8927176 60 | 19.375 396930 | -0.07 | -0.18 | -0.99 | 0.25 | 0.25 | 0.46 | 495000 0 | 335000 0 |
| 52.8326070 80 | 20.112 036190 | -0.07 | -0.29 | -0.92 | 0.27 | 0.27 | 0.49 | 500000 0 | 335000 0 |
| 52.7679927 60 | 20.846 737600 | 0.00 | -0.41 | -0.86 | 0.25 | 0.25 | 0.46 | 505000 0 | 335000 0 |
| 52.6988944 10 | 21.579 372800 | 0.11 | -0.34 | -0.93 | 0.26 | 0.26 | 0.47 | 510000 0 | 335000 0 |
| 52.6253329 80 | 22.309 816280 | 0.14 | -0.26 | -0.97 | 0.26 | 0.26 | 0.48 | 515000 0 | 335000 0 |
| 52.5473305 80 | 23.037 945600 | 0.05 | -0.28 | -0.93 | 0.28 | 0.27 | 0.50 | 520000 0 | 335000 0 |
| 52.4649104 60 | 23.763 641460 | -0.05 | -0.29 | -0.90 | 0.32 | 0.32 | 0.57 | 525000 0 | 335000 0 |
| 52.3780969 60 | 24.486 787830 | -0.05 | -0.25 | -0.89 | 0.37 | 0.37 | 0.64 | 530000 0 | 335000 0 |
| 52.2869154 60 | 25.207 272110 | -0.03 | -0.22 | -0.83 | 0.36 | 0.36 | 0.62 | 535000 0 | 335000 0 |
| 51.1182511 60 | - 9.8620 61247 | 0.04 | -0.06 | -0.32 | 0.43 | 0.43 | 0.81 | 295000 0 | 330000 0 |
| 51.2372549 30 | - 9.1684 53416 | 0.05 | -0.10 | -0.16 | 0.41 | 0.42 | 0.75 | 300000 0 | 330000 0 |
| 51.3521264 60 | - 8.4716 25055 | 0.07 | -0.14 | -0.04 | 0.38 | 0.39 | 0.69 | 305000 0 | 330000 0 |
| 51.4628354 30 | - 7.7716 61139 | 0.06 | -0.15 | -0.16 | 0.39 | 0.40 | 0.69 | 310000 0 | 330000 0 |
| 51.5693522 80 | - 7.0686 50346 | 0.03 | -0.15 | -0.40 | 0.40 | 0.40 | 0.71 | 315000 0 | 330000 0 |
| 51.7696951 80 | - 5.6538 61055 | -0.06 | -0.13 | -0.80 | 0.34 | 0.35 | 0.59 | 325000 0 | 330000 0 |
| 51.8634661 20 | - 4.9422 77963 | -0.05 | -0.12 | -0.96 | 0.25 | 0.27 | 0.45 | 330000 0 | 330000 0 |
| 51.9529347 80 | - 4.2280 38671 | 0.07 | -0.07 | -1.16 | 0.25 | 0.26 | 0.45 | 335000 0 | 330000 0 |
| 52.0380758 90 | - 3.5112 49504 | -0.01 | -0.11 | -1.32 | 0.26 | 0.27 | 0.46 | 340000 0 | 330000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 52.1188651 50 | - 2.7920 20082 | 0.02 | -0.10 | -1.41 | 0.27 | 0.28 | 0.48 | 345000 0 | 330000 0 |
| 52.1952792 80 | - 2.0704 63216 | 0.07 | 0.03 | -1.38 | 0.21 | 0.22 | 0.42 | 350000 0 | 330000 0 |
| 52.2672960 80 | - 1.3466 94802 | -0.13 | -0.01 | -1.02 | 0.23 | 0.23 | 0.44 | 355000 0 | 330000 0 |
| 52.3348944 50 | - 0.6208 33699 | -0.23 | -0.15 | -0.99 | 0.23 | 0.23 | 0.42 | 360000 0 | 330000 0 |
| 52.3980544 10 | 0.1069 98400 | -0.07 | -0.14 | -1.14 | 0.26 | 0.26 | 0.44 | 365000 0 | 330000 0 |
| 52.4567571 70 | 0.8366 77106 | 0.07 | -0.08 | -1.14 | 0.25 | 0.25 | 0.42 | 370000 0 | 330000 0 |
| 52.5109851 50 | 1.5680 75477 | 0.11 | -0.07 | -1.08 | 0.23 | 0.23 | 0.43 | 375000 0 | 330000 0 |
| 52.5607219 80 | 2.3010 64174 | 0.08 | -0.10 | -1.16 | 0.34 | 0.34 | 0.59 | 380000 0 | 330000 0 |
| 52.6466631 50 | 3.7712 84194 | 0.13 | -0.19 | -1.47 | 0.36 | 0.36 | 0.63 | 390000 0 | 330000 0 |
| 52.6828412 20 | 4.5082 46351 | 0.27 | -0.32 | -1.60 | 0.25 | 0.25 | 0.46 | 395000 0 | 330000 0 |
| 52.7144756 40 | 5.2462 60865 | 0.28 | -0.30 | -1.67 | 0.26 | 0.26 | 0.45 | 400000 0 | 330000 0 |
| 52.7415566 50 | 5.9851 88985 | 0.40 | -0.16 | -2.03 | 0.25 | 0.25 | 0.44 | 405000 0 | 330000 0 |
| 52.7640758 40 | 6.7248 90637 | 0.49 | -0.26 | -2.04 | 0.23 | 0.23 | 0.42 | 410000 0 | 330000 0 |
| 52.7820262 20 | 7.4652 24621 | 0.33 | -0.37 | -1.24 | 0.27 | 0.27 | 0.48 | 415000 0 | 330000 0 |
| 52.7954021 80 | 8.2060 48816 | 0.20 | -0.27 | -0.63 | 0.30 | 0.30 | 0.53 | 420000 0 | 330000 0 |
| 52.8041995 50 | 8.9472 20380 | 0.06 | -0.22 | -0.42 | 0.29 | 0.29 | 0.52 | 425000 0 | 330000 0 |
| 52.8084155 80 | 9.6885 95965 | -0.08 | -0.32 | -0.52 | 0.31 | 0.31 | 0.54 | 430000 0 | 330000 0 |
| 52.8080489 50 | 10.430 031920 | -0.14 | -0.46 | -0.64 | 0.30 | 0.30 | 0.53 | 435000 0 | 330000 0 |
| 52.8030997 80 | 11.171 384510 | -0.08 | -0.37 | -0.69 | 0.30 | 0.30 | 0.53 | 440000 0 | 330000 0 |
| 52.7935696 10 | 11.912 510120 | -0.04 | -0.19 | -0.66 | 0.29 | 0.29 | 0.52 | 445000 0 | 330000 0 |
| 52.7794614 30 | 12.653 265460 | -0.07 | -0.16 | -0.63 | 0.25 | 0.25 | 0.46 | 450000 0 | 330000 0 |
| 52.7607796 30 | 13.393 507800 | -0.12 | -0.26 | -0.73 | 0.25 | 0.25 | 0.45 | 455000 0 | 330000 0 |
| 52.7375300 | 14.133 | -0.10 | -0.29 | -0.75 | 0.26 | 0.26 | 0.46 | 460000 | 330000 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 40 | 095150 | | | | | | | 0 | 0 |
| 52.709719890 | 14.871886470 | -0.07 | -0.28 | -0.57 | 0.24 | 0.24 | 0.45 | 4650000 | 3300000 |
| 52.677357790 | 15.609741900 | -0.08 | -0.29 | -0.36 | 0.27 | 0.27 | 0.48 | 4700000 | 3300000 |
| 52.640453730 | 16.346522900 | -0.08 | -0.30 | -0.38 | 0.24 | 0.24 | 0.45 | 4750000 | 3300000 |
| 52.599019080 | 17.082092510 | 0.00 | -0.22 | -0.65 | 0.26 | 0.26 | 0.47 | 4800000 | 3300000 |
| 52.553066530 | 17.816315490 | 0.06 | -0.22 | -0.89 | 0.27 | 0.27 | 0.49 | 4850000 | 3300000 |
| 52.502610070 | 18.549058520 | 0.00 | -0.28 | -1.05 | 0.27 | 0.27 | 0.49 | 4900000 | 3300000 |
| 52.447664990 | 19.280190380 | -0.04 | -0.30 | -1.07 | 0.26 | 0.26 | 0.48 | 4950000 | 3300000 |
| 52.388247860 | 20.009582090 | 0.00 | -0.32 | -0.90 | 0.28 | 0.28 | 0.49 | 5000000 | 3300000 |
| 52.324376460 | 20.737107120 | 0.03 | -0.35 | -0.76 | 0.22 | 0.22 | 0.40 | 5050000 | 3300000 |
| 52.256069780 | 21.462641500 | 0.01 | -0.21 | -0.82 | 0.24 | 0.23 | 0.43 | 5100000 | 3300000 |
| 52.183347950 | 22.186063980 | -0.01 | -0.12 | -0.91 | 0.24 | 0.24 | 0.46 | 5150000 | 3300000 |
| 52.106232280 | 22.907256160 | -0.04 | -0.29 | -0.94 | 0.26 | 0.26 | 0.49 | 5200000 | 3300000 |
| 52.024745140 | 23.626102640 | -0.05 | -0.37 | -0.95 | 0.30 | 0.30 | 0.53 | 5250000 | 3300000 |
| 51.938909960 | 24.342491110 | -0.02 | -0.29 | -0.94 | 0.33 | 0.33 | 0.57 | 5300000 | 3300000 |
| 51.848751210 | 25.056312470 | 0.02 | -0.20 | -0.90 | 0.30 | 0.30 | 0.50 | 5350000 | 3300000 |
| 51.754294310 | 25.767460930 | 0.04 | -0.37 | -0.91 | 0.30 | 0.30 | 0.49 | 5400000 | 3300000 |
| 51.332108940 | -5.501071643 | -0.01 | -0.05 | -0.89 | 0.35 | 0.36 | 0.62 | 3250000 | 3250000 |
| 51.424845790 | -4.795929889 | 0.04 | 0.04 | -0.98 | 0.30 | 0.31 | 0.52 | 3300000 | 3250000 |
| 51.513323100 | -4.088225397 | 0.19 | 0.12 | -1.11 | 0.25 | 0.26 | 0.46 | 3350000 | 3250000 |
| 51.597516490 | -3.378061252 | 0.13 | -0.12 | -1.24 | 0.26 | 0.27 | 0.47 | 3400000 | 3250000 |
| 51.677402560 | -2.665543653 | 0.09 | -0.22 | -1.26 | 0.26 | 0.27 | 0.50 | 3450000 | 3250000 |
| 51.7529589 | - | 0.07 | -0.08 | -1.24 | 0.27 | 0.28 | 0.50 | 350000 | 325000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 00 | 1.9507 81819 | | | | | | | 0 | 0 |
| 51.8241641 10 | - 1.2338 87879 | -0.11 | 0.04 | -1.16 | 0.24 | 0.25 | 0.45 | 355000 0 | 325000 0 |
| 51.8909978 80 | - 0.5149 76762 | -0.26 | 0.01 | -1.19 | 0.25 | 0.25 | 0.45 | 360000 0 | 325000 0 |
| 51.9534409 80 | 0.2058 33929 | -0.11 | -0.09 | -1.20 | 0.27 | 0.27 | 0.47 | 365000 0 | 325000 0 |
| 52.0114753 20 | 0.9284 24045 | 0.09 | -0.27 | -1.09 | 0.21 | 0.22 | 0.38 | 370000 0 | 325000 0 |
| 52.0650839 90 | 1.6526 71032 | 0.11 | -0.24 | -1.10 | 0.31 | 0.32 | 0.54 | 375000 0 | 325000 0 |
| 52.1142512 40 | 2.3784 50078 | 0.08 | -0.23 | -1.17 | 0.35 | 0.35 | 0.60 | 380000 0 | 325000 0 |
| 52.1589625 50 | 3.1056 34263 | 0.07 | -0.21 | -1.35 | 0.35 | 0.36 | 0.61 | 385000 0 | 325000 0 |
| 52.1992046 70 | 3.8340 94721 | 0.13 | -0.20 | -1.62 | 0.31 | 0.31 | 0.54 | 390000 0 | 325000 0 |
| 52.2349655 90 | 4.5637 00809 | 0.16 | -0.39 | -1.70 | 0.24 | 0.24 | 0.42 | 395000 0 | 325000 0 |
| 52.2662345 90 | 5.2943 20277 | 0.07 | -0.46 | -1.38 | 0.24 | 0.24 | 0.42 | 400000 0 | 325000 0 |
| 52.2930022 90 | 6.0258 19446 | 0.10 | -0.19 | -1.22 | 0.22 | 0.22 | 0.40 | 405000 0 | 325000 0 |
| 52.3152606 00 | 6.7580 63390 | 0.25 | -0.23 | -1.09 | 0.25 | 0.25 | 0.44 | 410000 0 | 325000 0 |
| 52.3330028 10 | 7.4909 16126 | 0.24 | -0.36 | -0.77 | 0.26 | 0.26 | 0.45 | 415000 0 | 325000 0 |
| 52.3462235 10 | 8.2242 40802 | 0.14 | -0.26 | -0.54 | 0.25 | 0.24 | 0.44 | 420000 0 | 325000 0 |
| 52.3549187 10 | 8.9578 99890 | -0.03 | -0.06 | -0.54 | 0.26 | 0.25 | 0.45 | 425000 0 | 325000 0 |
| 52.3590857 70 | 9.6917 55384 | -0.20 | -0.16 | -0.53 | 0.24 | 0.23 | 0.45 | 430000 0 | 325000 0 |
| 52.3587234 00 | 10.425 669000 | -0.17 | -0.42 | -0.53 | 0.26 | 0.25 | 0.48 | 435000 0 | 325000 0 |
| 52.3538317 20 | 11.159 502350 | -0.07 | -0.40 | -0.64 | 0.30 | 0.30 | 0.54 | 440000 0 | 325000 0 |
| 52.3444122 30 | 11.893 117200 | 0.00 | -0.30 | -0.71 | 0.30 | 0.30 | 0.55 | 445000 0 | 325000 0 |
| 52.3304677 70 | 12.626 375590 | -0.03 | -0.27 | -0.72 | 0.24 | 0.24 | 0.46 | 450000 0 | 325000 0 |
| 52.3120026 00 | 13.359 140100 | -0.05 | -0.29 | -0.67 | 0.24 | 0.24 | 0.43 | 455000 0 | 325000 0 |
| 52.2890222 90 | 14.091 273990 | 0.05 | -0.25 | -0.57 | 0.23 | 0.22 | 0.43 | 460000 0 | 325000 0 |
| 52.2615338 | 14.822 | 0.08 | -0.23 | -0.42 | 0.26 | 0.26 | 0.47 | 465000 | 325000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 10 | 641440 | | | | | | | 0 | 0 |
| 52.2295454 30 | 15.553 107720 | 0.00 | -0.24 | -0.37 | 0.24 | 0.24 | 0.44 | 470000 0 | 325000 0 |
| 52.1930667 70 | 16.282 539350 | -0.08 | -0.20 | -0.59 | 0.25 | 0.25 | 0.46 | 475000 0 | 325000 0 |
| 52.1521087 40 | 17.010 804340 | -0.01 | -0.15 | -0.86 | 0.24 | 0.24 | 0.45 | 480000 0 | 325000 0 |
| 52.1066835 50 | 17.737 772320 | 0.11 | -0.28 | -0.95 | 0.26 | 0.26 | 0.48 | 485000 0 | 325000 0 |
| 52.0568046 70 | 18.463 314710 | 0.11 | -0.38 | -0.97 | 0.25 | 0.25 | 0.48 | 490000 0 | 325000 0 |
| 52.0024868 10 | 19.187 304930 | 0.10 | -0.32 | -0.96 | 0.27 | 0.27 | 0.49 | 495000 0 | 325000 0 |
| 51.9437458 90 | 19.909 618510 | 0.14 | -0.26 | -0.85 | 0.25 | 0.25 | 0.45 | 500000 0 | 325000 0 |
| 51.8805990 40 | 20.630 133280 | 0.12 | -0.32 | -0.73 | 0.25 | 0.25 | 0.44 | 505000 0 | 325000 0 |
| 51.8130645 20 | 21.348 729480 | -0.01 | -0.33 | -0.75 | 0.26 | 0.26 | 0.47 | 510000 0 | 325000 0 |
| 51.7411617 40 | 22.065 289940 | -0.12 | -0.25 | -0.77 | 0.28 | 0.27 | 0.50 | 515000 0 | 325000 0 |
| 51.6649111 80 | 22.779 700150 | -0.16 | -0.32 | -0.77 | 0.26 | 0.26 | 0.48 | 520000 0 | 325000 0 |
| 51.5843344 00 | 23.491 848460 | -0.12 | -0.52 | -0.91 | 0.20 | 0.20 | 0.40 | 525000 0 | 325000 0 |
| 51.4994539 80 | 24.201 626120 | 0.00 | -0.40 | -1.03 | 0.28 | 0.28 | 0.47 | 530000 0 | 325000 0 |
| 51.4102934 90 | 24.908 927420 | 0.12 | -0.24 | -1.02 | 0.25 | 0.25 | 0.42 | 535000 0 | 325000 0 |
| 51.3168774 40 | 25.613 649780 | 0.14 | -0.40 | -1.02 | 0.26 | 0.26 | 0.43 | 540000 0 | 325000 0 |
| 50.8942110 70 | - 5.3518 51134 | 0.07 | -0.04 | -1.08 | 0.37 | 0.37 | 0.63 | 325000 0 | 320000 0 |
| 50.9859382 40 | - 4.6530 15357 | 0.15 | 0.10 | -1.13 | 0.32 | 0.33 | 0.55 | 330000 0 | 320000 0 |
| 51.0734477 20 | - 3.9517 06208 | 0.21 | 0.18 | -1.19 | 0.26 | 0.27 | 0.46 | 335000 0 | 320000 0 |
| 51.1567160 40 | - 3.2480 23644 | 0.08 | -0.04 | -1.20 | 0.25 | 0.27 | 0.47 | 340000 0 | 320000 0 |
| 51.2357206 30 | - 2.5420 70568 | 0.01 | -0.16 | -1.10 | 0.28 | 0.29 | 0.52 | 345000 0 | 320000 0 |
| 51.3104399 00 | - 1.8339 52737 | -0.01 | -0.15 | -1.10 | 0.25 | 0.27 | 0.47 | 350000 0 | 320000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 51.3808532 30 | - 1.1237 78664 | -0.08 | -0.17 | -1.22 | 0.26 | 0.27 | 0.46 | 355000 0 | 320000 0 |
| 51.4469410 60 | - 0.4116 59501 | -0.18 | -0.06 | -1.29 | 0.24 | 0.24 | 0.44 | 360000 0 | 320000 0 |
| 51.5086848 70 | 0.3022 91069 | -0.07 | 0.00 | -1.25 | 0.24 | 0.24 | 0.43 | 365000 0 | 320000 0 |
| 51.5660672 60 | 1.0179 56964 | 0.07 | -0.18 | -1.20 | 0.26 | 0.26 | 0.45 | 370000 0 | 320000 0 |
| 51.6190719 10 | 1.7352 19829 | 0.07 | -0.28 | -1.22 | 0.31 | 0.31 | 0.53 | 375000 0 | 320000 0 |
| 51.6676837 10 | 2.4539 59181 | 0.02 | -0.34 | -1.20 | 0.31 | 0.32 | 0.54 | 380000 0 | 320000 0 |
| 51.7118886 60 | 3.1740 52547 | -0.02 | -0.30 | -1.33 | 0.28 | 0.29 | 0.49 | 385000 0 | 320000 0 |
| 51.7516740 20 | 3.8953 75624 | 0.00 | -0.18 | -1.64 | 0.24 | 0.24 | 0.42 | 390000 0 | 320000 0 |
| 51.7870282 20 | 4.6178 02428 | -0.09 | -0.38 | -1.59 | 0.22 | 0.22 | 0.39 | 395000 0 | 320000 0 |
| 51.8179409 80 | 5.3412 05464 | -0.13 | -0.46 | -1.10 | 0.25 | 0.25 | 0.43 | 400000 0 | 320000 0 |
| 51.8444032 40 | 6.0654 55892 | 0.01 | -0.28 | -0.96 | 0.23 | 0.23 | 0.41 | 405000 0 | 320000 0 |
| 51.8664072 50 | 6.7904 23695 | 0.17 | -0.32 | -1.00 | 0.26 | 0.26 | 0.45 | 410000 0 | 320000 0 |
| 51.8839465 20 | 7.5159 77863 | 0.15 | -0.43 | -0.94 | 0.27 | 0.27 | 0.48 | 415000 0 | 320000 0 |
| 51.8970159 00 | 8.2419 86565 | 0.02 | -0.29 | -0.91 | 0.26 | 0.26 | 0.45 | 420000 0 | 320000 0 |
| 51.9056115 10 | 8.9683 17336 | -0.13 | -0.07 | -0.87 | 0.25 | 0.24 | 0.44 | 425000 0 | 320000 0 |
| 51.9097308 20 | 9.6948 37259 | -0.18 | -0.11 | -0.69 | 0.27 | 0.27 | 0.48 | 430000 0 | 320000 0 |
| 51.9093726 00 | 10.421 413150 | -0.11 | -0.29 | -0.61 | 0.26 | 0.26 | 0.47 | 435000 0 | 320000 0 |
| 51.9045369 70 | 11.147 911760 | -0.02 | -0.31 | -0.73 | 0.32 | 0.32 | 0.56 | 440000 0 | 320000 0 |
| 51.8952253 50 | 11.874 199920 | 0.00 | -0.28 | -0.75 | 0.31 | 0.31 | 0.56 | 445000 0 | 320000 0 |
| 51.8814405 00 | 12.600 144780 | -0.09 | -0.25 | -0.63 | 0.29 | 0.29 | 0.52 | 450000 0 | 320000 0 |
| 51.8631864 80 | 13.325 613970 | -0.16 | -0.24 | -0.43 | 0.26 | 0.26 | 0.48 | 455000 0 | 320000 0 |
| 51.8404686 90 | 14.050 475780 | -0.06 | -0.21 | -0.28 | 0.26 | 0.26 | 0.47 | 460000 0 | 320000 0 |
| 51.8132937 90 | 14.774 599330 | 0.07 | -0.21 | -0.24 | 0.25 | 0.25 | 0.45 | 465000 0 | 320000 0 |
| 51.7816697 | 15.497 | 0.06 | -0.24 | -0.41 | 0.25 | 0.25 | 0.45 | 470000 | 320000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 60 | 854790 | | | | | | | 0 | 0 |
| 51.745605850 | 16.220113530 | 0.02 | -0.24 | -0.80 | 0.24 | 0.24 | 0.45 | 4750000 | 3200000 |
| 51.705112550 | 16.941248280 | 0.10 | -0.27 | -0.96 | 0.26 | 0.26 | 0.47 | 4800000 | 3200000 |
| 51.660201610 | 17.661133310 | 0.20 | -0.38 | -0.81 | 0.24 | 0.24 | 0.45 | 4850000 | 3200000 |
| 51.610885990 | 18.379644600 | 0.21 | -0.37 | -0.67 | 0.25 | 0.25 | 0.47 | 4900000 | 3200000 |
| 51.557179850 | 19.096660000 | 0.21 | -0.20 | -0.74 | 0.25 | 0.25 | 0.47 | 4950000 | 3200000 |
| 51.499098510 | 19.812059340 | 0.25 | -0.16 | -0.81 | 0.24 | 0.24 | 0.45 | 5000000 | 3200000 |
| 51.436658450 | 20.525724620 | 0.19 | -0.39 | -0.71 | 0.27 | 0.27 | 0.48 | 5050000 | 3200000 |
| 51.369877270 | 21.237540140 | 0.08 | -0.63 | -0.63 | 0.21 | 0.21 | 0.42 | 5100000 | 3200000 |
| 51.298773650 | 21.947392620 | -0.07 | -0.43 | -0.56 | 0.25 | 0.25 | 0.47 | 5150000 | 3200000 |
| 51.223367320 | 22.655171310 | -0.18 | -0.33 | -0.57 | 0.24 | 0.24 | 0.46 | 5200000 | 3200000 |
| 51.143679060 | 23.360768140 | -0.22 | -0.44 | -0.81 | 0.24 | 0.23 | 0.45 | 5250000 | 3200000 |
| 51.059730610 | 24.064077800 | -0.05 | -0.45 | -1.11 | 0.27 | 0.27 | 0.46 | 5300000 | 3200000 |
| 50.971544700 | 24.764997850 | 0.16 | -0.39 | -1.15 | 0.27 | 0.27 | 0.45 | 5350000 | 3200000 |
| 50.879144940 | 25.463428810 | 0.24 | -0.45 | -1.05 | 0.27 | 0.27 | 0.46 | 5400000 | 3200000 |
| 50.262086940 | -6.583868436 | 0.12 | -0.11 | -1.12 | 0.40 | 0.40 | 0.72 | 3150000 | 3150000 |
| 50.361109970 | -5.896262012 | 0.16 | -0.14 | -1.33 | 0.33 | 0.33 | 0.57 | 3200000 | 3150000 |
| 50.456004200 | -5.206082525 | 0.09 | -0.13 | -1.32 | 0.30 | 0.31 | 0.52 | 3250000 | 3150000 |
| 50.546745290 | -4.513421092 | 0.07 | -0.13 | -1.38 | 0.30 | 0.31 | 0.53 | 3300000 | 3150000 |
| 50.633309740 | -3.818371778 | -0.02 | -0.09 | -1.43 | 0.27 | 0.27 | 0.47 | 3350000 | 3150000 |
| 50.715674890 | -3.121031516 | -0.11 | -0.06 | -1.33 | 0.25 | 0.27 | 0.46 | 3400000 | 3150000 |
| 50.793818990 | -2.4215 | -0.15 | -0.10 | -1.13 | 0.31 | 0.32 | 0.53 | 3450000 | 3150000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 00034 | | | | | | | | |
| 50.8677212 10 | - 1.7198 79757 | -0.19 | -0.18 | -1.08 | 0.25 | 0.27 | 0.44 | 350000 | 315000 |
| 50.9373617 10 | - 1.0162 75717 | -0.10 | -0.43 | -1.25 | 0.23 | 0.24 | 0.41 | 355000 | 315000 |
| 51.0027216 30 | - 0.3107 95443 | -0.03 | -0.40 | -1.16 | 0.26 | 0.26 | 0.45 | 360000 | 315000 |
| 51.0637831 30 | 0.3964 51147 | 0.07 | -0.21 | -1.05 | 0.23 | 0.24 | 0.40 | 365000 | 315000 |
| 51.1205294 50 | 1.1053 51867 | 0.12 | -0.13 | -1.25 | 0.27 | 0.28 | 0.47 | 370000 | 315000 |
| 51.1729448 80 | 1.8157 92386 | 0.08 | -0.21 | -1.41 | 0.28 | 0.28 | 0.48 | 375000 | 315000 |
| 51.2210148 60 | 2.5276 56362 | -0.03 | -0.36 | -1.35 | 0.27 | 0.27 | 0.45 | 380000 | 315000 |
| 51.2647259 30 | 3.2408 25577 | -0.11 | -0.39 | -1.29 | 0.22 | 0.23 | 0.38 | 385000 | 315000 |
| 51.3040658 00 | 3.9551 80086 | -0.08 | -0.30 | -1.36 | 0.23 | 0.23 | 0.39 | 390000 | 315000 |
| 51.3390233 70 | 4.6705 98358 | -0.07 | -0.38 | -1.10 | 0.23 | 0.23 | 0.40 | 395000 | 315000 |
| 51.3695887 20 | 5.3869 57440 | 0.01 | -0.40 | -0.65 | 0.24 | 0.24 | 0.42 | 400000 | 315000 |
| 51.3957531 50 | 6.1041 33106 | 0.19 | -0.31 | -0.64 | 0.23 | 0.23 | 0.41 | 405000 | 315000 |
| 51.4175091 90 | 6.8220 00025 | 0.24 | -0.34 | -0.83 | 0.26 | 0.26 | 0.46 | 410000 | 315000 |
| 51.4348506 00 | 7.5404 31929 | 0.12 | -0.36 | -0.86 | 0.26 | 0.26 | 0.46 | 415000 | 315000 |
| 51.4477724 30 | 8.2593 01775 | -0.07 | -0.27 | -0.81 | 0.27 | 0.26 | 0.47 | 420000 | 315000 |
| 51.4562709 40 | 8.9784 81925 | -0.16 | -0.15 | -0.76 | 0.27 | 0.27 | 0.48 | 425000 | 315000 |
| 51.4603437 00 | 9.6978 44314 | -0.12 | -0.17 | -0.71 | 0.26 | 0.26 | 0.46 | 430000 | 315000 |
| 51.4599895 30 | 10.417 260630 | 0.00 | -0.21 | -0.79 | 0.22 | 0.22 | 0.41 | 435000 | 315000 |
| 51.4552085 40 | 11.136 602480 | 0.05 | -0.20 | -0.90 | 0.30 | 0.30 | 0.52 | 440000 | 315000 |
| 51.4460021 00 | 11.855 741570 | -0.02 | -0.22 | -0.79 | 0.32 | 0.32 | 0.55 | 445000 | 315000 |
| 51.4323728 60 | 12.574 549910 | -0.15 | -0.21 | -0.54 | 0.27 | 0.27 | 0.51 | 450000 | 315000 |
| 51.4143247 40 | 13.292 899940 | -0.26 | -0.22 | -0.27 | 0.26 | 0.26 | 0.49 | 455000 | 315000 |
| 51.3918629 | 14.010 | -0.19 | -0.23 | -0.16 | 0.28 | 0.28 | 0.50 | 460000 | 315000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|-------------|
| 00 | 664720 | | | | | | | 0 | 0 |
| 51.3649938 00 | 14.727 718130 | -0.06 | -0.27 | -0.17 | 0.27 | 0.27 | 0.48 | 465000 0 | 315000 0 |
| 51.3337250 80 | 15.443 935000 | 0.03 | -0.28 | -0.37 | 0.26 | 0.26 | 0.48 | 470000 0 | 315000 0 |
| 51.2980656 40 | 16.159 191300 | 0.08 | -0.26 | -0.73 | 0.26 | 0.26 | 0.48 | 475000 0 | 315000 0 |
| 51.2580256 00 | 16.873 364290 | 0.13 | -0.27 | -0.80 | 0.26 | 0.26 | 0.48 | 480000 0 | 315000 0 |
| 51.2136162 50 | 17.586 332680 | 0.13 | -0.28 | -0.52 | 0.27 | 0.27 | 0.49 | 485000 0 | 315000 0 |
| 51.1648500 60 | 18.297 976800 | 0.07 | -0.16 | -0.34 | 0.26 | 0.26 | 0.48 | 490000 0 | 315000 0 |
| 51.1117406 80 | 19.008 178720 | 0.07 | -0.03 | -0.53 | 0.28 | 0.28 | 0.51 | 495000 0 | 315000 0 |
| 51.0543028 50 | 19.716 822410 | 0.12 | -0.08 | -0.71 | 0.27 | 0.27 | 0.49 | 500000 0 | 315000 0 |
| 50.9925524 50 | 20.423 793870 | 0.08 | -0.34 | -0.60 | 0.29 | 0.28 | 0.51 | 505000 0 | 315000 0 |
| 50.9265064 10 | 21.128 981270 | 0.06 | -0.53 | -0.41 | 0.28 | 0.28 | 0.51 | 510000 0 | 315000 0 |
| 50.8561827 40 | 21.832 275070 | 0.05 | -0.47 | -0.35 | 0.29 | 0.29 | 0.52 | 515000 0 | 315000 0 |
| 50.7816004 50 | 22.533 568130 | -0.05 | -0.42 | -0.46 | 0.29 | 0.29 | 0.53 | 520000 0 | 315000 0 |
| 50.7027795 70 | 23.232 755830 | -0.21 | -0.47 | -0.78 | 0.25 | 0.25 | 0.48 | 525000 0 | 315000 0 |
| 50.6197410 40 | 23.929 736170 | -0.14 | -0.54 | -1.15 | 0.25 | 0.25 | 0.45 | 530000 0 | 315000 0 |
| 50.5325067 90 | 24.624 409870 | 0.04 | -0.53 | -1.20 | 0.28 | 0.28 | 0.48 | 535000 0 | 315000 0 |
| 50.4410995 90 | 25.316 680430 | 0.13 | -0.50 | -1.04 | 0.32 | 0.32 | 0.53 | 540000 0 | 315000 0 |
| 49.8256169 70 | - 6.4296 03498 | 0.16 | -0.12 | -1.29 | 0.40 | 0.40 | 0.71 | 315000 0 | 310000 0 |
| 49.9235988 80 | - 5.7478 71610 | 0.25 | -0.20 | -1.64 | 0.29 | 0.29 | 0.50 | 320000 0 | 310000 0 |
| 50.0174905 20 | - 5.0636 53859 | 0.18 | -0.25 | -1.67 | 0.26 | 0.26 | 0.47 | 325000 0 | 310000 0 |
| 50.1072684 20 | - 4.3770 38746 | 0.00 | -0.30 | -1.64 | 0.32 | 0.32 | 0.55 | 330000 0 | 310000 0 |
| 50.1929098 70 | - 3.6881 17568 | -0.22 | -0.38 | -1.72 | 0.21 | 0.23 | 0.41 | 335000 0 | 310000 0 |
| 50.2743930 | - | -0.17 | -0.23 | -1.47 | 0.33 | 0.34 | 0.57 | 340000 | 310000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 40 | 2.9969 84344 | | | | | | | 0 | 0 |
| 50.3516969 50 | - 2.3037 35736 | -0.16 | -0.20 | -1.27 | 0.35 | 0.35 | 0.59 | 345000 0 | 310000 0 |
| 50.4248015 10 | - 1.6084 70964 | -0.15 | -0.27 | -1.22 | 0.31 | 0.32 | 0.54 | 350000 0 | 310000 0 |
| 50.4936876 00 | - 0.9112 91710 | -0.06 | -0.38 | -1.27 | 0.30 | 0.31 | 0.52 | 355000 0 | 310000 0 |
| 50.5583370 30 | - 0.2123 02021 | 0.03 | -0.36 | -1.18 | 0.33 | 0.33 | 0.55 | 360000 0 | 310000 0 |
| 50.6187326 30 | 0.4883 91796 | 0.11 | -0.25 | -1.12 | 0.30 | 0.30 | 0.50 | 365000 0 | 310000 0 |
| 50.6748582 30 | 1.1906 81291 | 0.14 | -0.05 | -1.36 | 0.29 | 0.29 | 0.49 | 370000 0 | 310000 0 |
| 50.7266987 10 | 1.8944 55990 | 0.11 | -0.01 | -1.51 | 0.25 | 0.25 | 0.43 | 375000 0 | 310000 0 |
| 50.7742400 50 | 2.5996 03515 | -0.02 | -0.17 | -1.30 | 0.26 | 0.26 | 0.43 | 380000 0 | 310000 0 |
| 50.8174692 80 | 3.3060 09720 | -0.10 | -0.29 | -1.01 | 0.22 | 0.22 | 0.38 | 385000 0 | 310000 0 |
| 50.8563745 70 | 4.0135 58826 | -0.06 | -0.34 | -0.88 | 0.24 | 0.24 | 0.40 | 390000 0 | 310000 0 |
| 50.8909452 30 | 4.7221 33561 | -0.05 | -0.40 | -0.52 | 0.23 | 0.23 | 0.38 | 395000 0 | 310000 0 |
| 50.9211717 10 | 5.4316 15306 | -0.03 | -0.41 | -0.11 | 0.23 | 0.23 | 0.38 | 400000 0 | 310000 0 |
| 50.9470456 40 | 6.1418 84246 | 0.08 | -0.34 | -0.10 | 0.24 | 0.24 | 0.42 | 405000 0 | 310000 0 |
| 50.9685598 20 | 6.8528 19521 | 0.13 | -0.22 | -0.25 | 0.25 | 0.25 | 0.44 | 410000 0 | 310000 0 |
| 50.9857082 60 | 7.5642 99386 | 0.01 | -0.11 | -0.28 | 0.24 | 0.24 | 0.43 | 415000 0 | 310000 0 |
| 50.9984861 80 | 8.2762 01370 | -0.14 | -0.06 | -0.34 | 0.26 | 0.26 | 0.46 | 420000 0 | 310000 0 |
| 51.0068900 00 | 8.9884 02436 | -0.15 | -0.10 | -0.50 | 0.24 | 0.24 | 0.45 | 425000 0 | 310000 0 |
| 51.0109173 60 | 9.7007 79148 | 0.01 | -0.14 | -0.75 | 0.27 | 0.27 | 0.47 | 430000 0 | 310000 0 |
| 51.0105671 40 | 10.413 207830 | 0.12 | -0.15 | -0.94 | 0.25 | 0.25 | 0.43 | 435000 0 | 310000 0 |
| 51.0058394 40 | 11.125 564750 | 0.08 | -0.17 | -1.01 | 0.25 | 0.25 | 0.44 | 440000 0 | 310000 0 |
| 50.9967355 80 | 11.837 726250 | -0.05 | -0.27 | -0.78 | 0.26 | 0.26 | 0.46 | 445000 0 | 310000 0 |
| 50.9832581 | 12.549 | -0.17 | -0.28 | -0.46 | 0.25 | 0.25 | 0.48 | 450000 | 310000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 00 | 568950 | | | | | | | 0 | 0 |
| 50.9654107 90 | 13.260 969890 | -0.22 | -0.23 | -0.25 | 0.26 | 0.27 | 0.51 | 455000 0 | 310000 0 |
| 50.9431986 10 | 13.971 806710 | -0.16 | -0.22 | -0.18 | 0.27 | 0.27 | 0.50 | 460000 0 | 310000 0 |
| 50.9166277 60 | 14.681 957800 | -0.06 | -0.26 | -0.11 | 0.22 | 0.23 | 0.43 | 465000 0 | 310000 0 |
| 50.8857056 20 | 15.391 302440 | 0.03 | -0.23 | -0.18 | 0.26 | 0.26 | 0.48 | 470000 0 | 310000 0 |
| 50.8504407 50 | 16.099 721020 | 0.08 | -0.17 | -0.40 | 0.25 | 0.26 | 0.47 | 475000 0 | 310000 0 |
| 50.8108428 80 | 16.807 095100 | 0.07 | -0.18 | -0.44 | 0.26 | 0.26 | 0.47 | 480000 0 | 310000 0 |
| 50.7669228 80 | 17.513 307660 | -0.05 | -0.16 | -0.21 | 0.28 | 0.28 | 0.50 | 485000 0 | 310000 0 |
| 50.7186927 90 | 18.218 243160 | -0.16 | -0.02 | -0.10 | 0.26 | 0.25 | 0.48 | 490000 0 | 310000 0 |
| 50.6661657 10 | 18.921 787730 | -0.12 | 0.07 | -0.39 | 0.27 | 0.26 | 0.48 | 495000 0 | 310000 0 |
| 50.6093558 70 | 19.623 829290 | -0.06 | -0.02 | -0.63 | 0.27 | 0.27 | 0.49 | 500000 0 | 310000 0 |
| 50.5482785 40 | 20.324 257680 | -0.09 | -0.24 | -0.51 | 0.28 | 0.28 | 0.50 | 505000 0 | 310000 0 |
| 50.4829500 70 | 21.022 964780 | -0.08 | -0.36 | -0.32 | 0.25 | 0.25 | 0.48 | 510000 0 | 310000 0 |
| 50.4133877 80 | 21.719 844650 | 0.05 | -0.38 | -0.28 | 0.26 | 0.25 | 0.49 | 515000 0 | 310000 0 |
| 50.3396100 10 | 22.414 793610 | 0.03 | -0.43 | -0.36 | 0.28 | 0.27 | 0.52 | 520000 0 | 310000 0 |
| 50.2616360 50 | 23.107 710360 | -0.13 | -0.56 | -0.61 | 0.24 | 0.24 | 0.48 | 525000 0 | 310000 0 |
| 50.1794861 20 | 23.798 496080 | -0.14 | -0.60 | -0.93 | 0.28 | 0.28 | 0.49 | 530000 0 | 310000 0 |
| 50.0931813 40 | 24.487 054540 | -0.04 | -0.59 | -1.05 | 0.32 | 0.32 | 0.54 | 535000 0 | 310000 0 |
| 50.0027437 00 | 25.173 292140 | -0.01 | -0.59 | -0.94 | 0.34 | 0.34 | 0.57 | 540000 0 | 310000 0 |
| 49.4857598 90 | - 5.6028 34950 | 0.20 | -0.18 | -1.55 | 0.38 | 0.38 | 0.67 | 320000 0 | 305000 0 |
| 49.5786718 60 | - 4.9244 57966 | 0.16 | -0.24 | -1.71 | 0.36 | 0.36 | 0.64 | 325000 0 | 305000 0 |
| 49.8328702 10 | - 2.8757 85993 | -0.11 | -0.32 | -1.54 | 0.37 | 0.37 | 0.63 | 340000 0 | 305000 0 |
| 49.9093535 60 | - 2.1886 85594 | -0.08 | -0.33 | -1.35 | 0.33 | 0.34 | 0.57 | 345000 0 | 305000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 49.9816792 10 | - 1.4996 38507 | -0.03 | -0.33 | -1.33 | 0.31 | 0.32 | 0.53 | 350000 0 | 305000 0 |
| 50.0498286 90 | - 0.8087 43197 | 0.02 | -0.28 | -1.36 | 0.35 | 0.35 | 0.59 | 355000 0 | 305000 0 |
| 50.1137844 90 | - 0.1161 00363 | 0.07 | -0.21 | -1.34 | 0.35 | 0.35 | 0.59 | 360000 0 | 305000 0 |
| 50.1735300 40 | 0.5781 87156 | 0.07 | -0.18 | -1.35 | 0.33 | 0.33 | 0.55 | 365000 0 | 305000 0 |
| 50.2290497 70 | 1.2740 14496 | 0.05 | -0.09 | -1.45 | 0.30 | 0.30 | 0.50 | 370000 0 | 305000 0 |
| 50.2803291 10 | 1.9712 74874 | 0.04 | 0.03 | -1.43 | 0.26 | 0.26 | 0.45 | 375000 0 | 305000 0 |
| 50.3273545 30 | 2.6698 59715 | -0.05 | -0.04 | -1.14 | 0.27 | 0.27 | 0.46 | 380000 0 | 305000 0 |
| 50.3701135 50 | 3.3696 58767 | -0.12 | -0.20 | -0.86 | 0.27 | 0.27 | 0.46 | 385000 0 | 305000 0 |
| 50.4085947 90 | 4.0705 60240 | -0.11 | -0.33 | -0.76 | 0.29 | 0.29 | 0.50 | 390000 0 | 305000 0 |
| 50.4427879 30 | 4.7724 50930 | -0.14 | -0.41 | -0.47 | 0.25 | 0.25 | 0.42 | 395000 0 | 305000 0 |
| 50.4726837 90 | 5.4752 16364 | -0.23 | -0.45 | -0.05 | 0.24 | 0.24 | 0.41 | 400000 0 | 305000 0 |
| 50.4982742 90 | 6.1787 40938 | -0.21 | -0.39 | 0.15 | 0.26 | 0.26 | 0.44 | 405000 0 | 305000 0 |
| 50.5195525 30 | 6.8829 08065 | -0.12 | -0.18 | 0.23 | 0.23 | 0.23 | 0.42 | 410000 0 | 305000 0 |
| 50.5365127 20 | 7.5876 00319 | -0.12 | 0.03 | 0.18 | 0.26 | 0.26 | 0.46 | 415000 0 | 305000 0 |
| 50.5491502 50 | 8.2926 99591 | -0.17 | 0.09 | -0.09 | 0.24 | 0.24 | 0.43 | 420000 0 | 305000 0 |
| 50.5574616 90 | 8.9980 87238 | -0.06 | -0.02 | -0.55 | 0.25 | 0.25 | 0.45 | 425000 0 | 305000 0 |
| 50.5614447 70 | 9.7036 44238 | 0.12 | -0.09 | -0.81 | 0.25 | 0.25 | 0.45 | 430000 0 | 305000 0 |
| 50.5610984 00 | 10.409 251350 | 0.10 | -0.14 | -0.79 | 0.26 | 0.26 | 0.46 | 435000 0 | 305000 0 |
| 50.5564226 80 | 11.114 789260 | -0.06 | -0.28 | -0.68 | 0.23 | 0.22 | 0.41 | 440000 0 | 305000 0 |
| 50.5474188 80 | 11.820 138760 | -0.22 | -0.40 | -0.47 | 0.24 | 0.24 | 0.43 | 445000 0 | 305000 0 |
| 50.5340894 60 | 12.525 180870 | -0.23 | -0.28 | -0.28 | 0.25 | 0.26 | 0.47 | 450000 0 | 305000 0 |
| 50.5164380 50 | 13.229 797020 | -0.14 | -0.16 | -0.30 | 0.29 | 0.29 | 0.53 | 455000 0 | 305000 0 |
| 50.4944694 30 | 13.933 869210 | -0.03 | -0.14 | -0.35 | 0.27 | 0.28 | 0.50 | 460000 0 | 305000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 50.4681895 70 | 14.637 280140 | 0.02 | -0.18 | -0.29 | 0.27 | 0.27 | 0.48 | 465000 0 | 305000 0 |
| 50.4376055 80 | 15.339 913350 | 0.04 | -0.17 | -0.21 | 0.29 | 0.30 | 0.52 | 470000 0 | 305000 0 |
| 50.4027257 00 | 16.041 653430 | 0.05 | -0.14 | -0.17 | 0.25 | 0.26 | 0.47 | 475000 0 | 305000 0 |
| 50.3635592 90 | 16.742 386090 | 0.01 | -0.21 | -0.15 | 0.24 | 0.26 | 0.45 | 480000 0 | 305000 0 |
| 50.3201168 50 | 17.441 998340 | -0.12 | -0.22 | -0.01 | 0.24 | 0.24 | 0.44 | 485000 0 | 305000 0 |
| 50.2724099 40 | 18.140 378630 | -0.19 | -0.07 | -0.02 | 0.27 | 0.27 | 0.50 | 490000 0 | 305000 0 |
| 50.2204512 00 | 18.837 416980 | -0.14 | -0.01 | -0.27 | 0.28 | 0.28 | 0.51 | 495000 0 | 305000 0 |
| 50.1642543 30 | 19.533 005070 | -0.06 | -0.12 | -0.49 | 0.26 | 0.26 | 0.48 | 500000 0 | 305000 0 |
| 50.1038340 70 | 20.227 036440 | -0.13 | -0.22 | -0.51 | 0.24 | 0.24 | 0.45 | 505000 0 | 305000 0 |
| 50.0392061 50 | 20.919 406520 | -0.17 | -0.23 | -0.52 | 0.26 | 0.26 | 0.48 | 510000 0 | 305000 0 |
| 49.9703872 70 | 21.610 012830 | -0.04 | -0.27 | -0.52 | 0.27 | 0.26 | 0.50 | 515000 0 | 305000 0 |
| 49.8973951 30 | 22.298 755000 | -0.02 | -0.36 | -0.36 | 0.28 | 0.28 | 0.52 | 520000 0 | 305000 0 |
| 49.8202483 20 | 22.985 534950 | -0.13 | -0.45 | -0.34 | 0.28 | 0.28 | 0.52 | 525000 0 | 305000 0 |
| 49.7389663 40 | 23.670 256920 | -0.14 | -0.53 | -0.64 | 0.26 | 0.26 | 0.47 | 530000 0 | 305000 0 |
| 49.6535695 60 | 24.352 827600 | -0.03 | -0.60 | -0.92 | 0.29 | 0.29 | 0.50 | 535000 0 | 305000 0 |
| 49.4705173 00 | 25.711 154530 | -0.18 | -0.69 | -0.60 | 0.22 | 0.22 | 0.39 | 545000 0 | 305000 0 |
| 49.3729066 40 | 26.386 737030 | -0.41 | -0.58 | -0.49 | 0.29 | 0.29 | 0.49 | 550000 0 | 305000 0 |
| 49.2712707 60 | 27.059 820880 | -0.40 | -0.67 | -0.35 | 0.26 | 0.26 | 0.46 | 555000 0 | 305000 0 |
| 49.1656339 30 | 27.730 326060 | -0.21 | -0.80 | -0.17 | 0.24 | 0.24 | 0.42 | 560000 0 | 305000 0 |
| 49.0560210 70 | 28.398 175340 | -0.21 | -0.61 | -0.29 | 0.28 | 0.28 | 0.49 | 565000 0 | 305000 0 |
| 49.2274668 60 | - 4.1134 99498 | 0.07 | -0.28 | -1.87 | 0.36 | 0.36 | 0.62 | 330000 0 | 300000 0 |
| 49.3113257 00 | - 3.4364 54095 | -0.02 | -0.34 | -1.81 | 0.36 | 0.36 | 0.61 | 335000 0 | 300000 0 |
| 49.3911057 90 | - 2.7573 44486 | -0.02 | -0.36 | -1.58 | 0.36 | 0.36 | 0.61 | 340000 0 | 300000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 49.4667876 10 | - 2.0762 61531 | 0.02 | -0.39 | -1.39 | 0.29 | 0.29 | 0.49 | 345000 0 | 300000 0 |
| 49.5383524 80 | - 1.3932 98383 | 0.10 | -0.37 | -1.43 | 0.22 | 0.22 | 0.39 | 350000 0 | 300000 0 |
| 49.6057826 00 | - 0.7085 50407 | 0.10 | -0.17 | -1.47 | 0.31 | 0.31 | 0.53 | 355000 0 | 300000 0 |
| 49.6690610 60 | - 0.0221 15086 | 0.13 | -0.05 | -1.50 | 0.27 | 0.27 | 0.46 | 360000 0 | 300000 0 |
| 49.7281719 00 | 0.6659 08074 | 0.03 | -0.15 | -1.50 | 0.23 | 0.22 | 0.39 | 365000 0 | 300000 0 |
| 49.7831001 10 | 1.3554 17646 | -0.09 | -0.25 | -1.53 | 0.22 | 0.22 | 0.38 | 370000 0 | 300000 0 |
| 49.8338316 30 | 2.0463 10392 | -0.09 | -0.15 | -1.39 | 0.25 | 0.26 | 0.44 | 375000 0 | 300000 0 |
| 49.8803534 40 | 2.7384 81376 | -0.11 | -0.15 | -1.14 | 0.27 | 0.27 | 0.47 | 380000 0 | 300000 0 |
| 49.9226535 10 | 3.4318 24080 | -0.14 | -0.25 | -1.07 | 0.27 | 0.27 | 0.47 | 385000 0 | 300000 0 |
| 49.9607208 60 | 4.1262 30526 | -0.11 | -0.32 | -1.03 | 0.26 | 0.26 | 0.45 | 390000 0 | 300000 0 |
| 49.9945455 60 | 4.8215 91407 | -0.12 | -0.35 | -0.76 | 0.24 | 0.24 | 0.41 | 395000 0 | 300000 0 |
| 50.0241187 60 | 5.5177 96212 | -0.26 | -0.41 | -0.27 | 0.26 | 0.26 | 0.44 | 400000 0 | 300000 0 |
| 50.0494326 90 | 6.2147 33365 | -0.37 | -0.40 | 0.12 | 0.23 | 0.23 | 0.42 | 405000 0 | 300000 0 |
| 50.0704806 80 | 6.9122 90358 | -0.24 | -0.19 | 0.31 | 0.26 | 0.25 | 0.45 | 410000 0 | 300000 0 |
| 50.0872571 70 | 7.6103 53894 | -0.14 | -0.06 | 0.17 | 0.26 | 0.25 | 0.46 | 415000 0 | 300000 0 |
| 50.0997577 20 | 8.3088 10028 | -0.12 | -0.09 | -0.34 | 0.25 | 0.25 | 0.44 | 420000 0 | 300000 0 |
| 50.1079790 30 | 9.0075 44314 | -0.05 | -0.11 | -0.75 | 0.25 | 0.25 | 0.44 | 425000 0 | 300000 0 |
| 50.1119189 00 | 9.7064 41947 | 0.01 | -0.08 | -0.73 | 0.26 | 0.26 | 0.48 | 430000 0 | 300000 0 |
| 50.1115762 90 | 10.405 387910 | -0.07 | -0.12 | -0.53 | 0.31 | 0.31 | 0.53 | 435000 0 | 300000 0 |
| 50.1069512 90 | 11.104 267140 | -0.19 | -0.21 | -0.36 | 0.30 | 0.30 | 0.52 | 440000 0 | 300000 0 |
| 50.0980451 30 | 11.802 964620 | -0.29 | -0.21 | -0.24 | 0.29 | 0.29 | 0.50 | 445000 0 | 300000 0 |
| 50.0848601 70 | 12.501 365620 | -0.27 | -0.09 | -0.19 | 0.23 | 0.24 | 0.43 | 450000 0 | 300000 0 |
| 50.0673999 | 13.199 | -0.10 | -0.04 | -0.42 | 0.28 | 0.29 | 0.51 | 455000 | 300000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 10 | 355750 | | | | | | | 0 | 0 |
| 50.045668970 | 13.896821170 | 0.01 | -0.09 | -0.62 | 0.27 | 0.28 | 0.49 | 4600000 | 3000000 |
| 50.019673080 | 14.593648680 | 0.04 | -0.17 | -0.66 | 0.21 | 0.22 | 0.41 | 4650000 | 3000000 |
| 49.989419090 | 15.289725930 | 0.01 | -0.16 | -0.47 | 0.29 | 0.30 | 0.53 | 4700000 | 3000000 |
| 49.954914950 | 15.984941500 | 0.00 | -0.20 | -0.28 | 0.27 | 0.28 | 0.52 | 4750000 | 3000000 |
| 49.916169670 | 16.679185060 | -0.02 | -0.31 | -0.14 | 0.27 | 0.28 | 0.50 | 4800000 | 3000000 |
| 49.873193350 | 17.372347510 | -0.07 | -0.26 | -0.05 | 0.29 | 0.30 | 0.52 | 4850000 | 3000000 |
| 49.825997150 | 18.064321090 | -0.09 | -0.13 | -0.07 | 0.26 | 0.26 | 0.48 | 4900000 | 3000000 |
| 49.774593260 | 18.754999540 | -0.02 | -0.10 | -0.22 | 0.28 | 0.28 | 0.51 | 4950000 | 3000000 |
| 49.718994860 | 19.444278180 | 0.04 | -0.20 | -0.31 | 0.26 | 0.26 | 0.48 | 5000000 | 3000000 |
| 49.659216170 | 20.132054050 | -0.04 | -0.25 | -0.37 | 0.25 | 0.25 | 0.45 | 5050000 | 3000000 |
| 49.595272340 | 20.818226030 | -0.13 | -0.16 | -0.65 | 0.25 | 0.25 | 0.46 | 5100000 | 3000000 |
| 49.527179500 | 21.502694930 | -0.09 | -0.12 | -0.72 | 0.27 | 0.26 | 0.49 | 5150000 | 3000000 |
| 49.454954700 | 22.185363600 | -0.13 | -0.18 | -0.37 | 0.25 | 0.25 | 0.47 | 5200000 | 3000000 |
| 49.378615880 | 22.866137020 | -0.22 | -0.26 | -0.20 | 0.27 | 0.27 | 0.49 | 5250000 | 3000000 |
| 49.298181860 | 23.544922400 | -0.20 | -0.37 | -0.51 | 0.25 | 0.25 | 0.46 | 5300000 | 3000000 |
| 49.213672290 | 24.221629260 | 0.03 | -0.56 | -1.02 | 0.26 | 0.26 | 0.46 | 5350000 | 3000000 |
| 49.125107650 | 24.896169500 | 0.16 | -0.70 | -1.17 | 0.28 | 0.28 | 0.48 | 5400000 | 3000000 |
| 49.032509200 | 25.568457480 | -0.12 | -0.65 | -0.78 | 0.31 | 0.31 | 0.51 | 5450000 | 3000000 |
| 48.935898960 | 26.238410100 | -0.46 | -0.58 | -0.42 | 0.26 | 0.26 | 0.46 | 5500000 | 3000000 |
| 48.835299670 | 26.905946840 | -0.45 | -0.70 | -0.31 | 0.32 | 0.32 | 0.56 | 5550000 | 3000000 |
| 48.730734760 | 27.570989800 | -0.40 | -0.82 | -0.18 | 0.31 | 0.31 | 0.55 | 5600000 | 3000000 |
| 48.622228320 | 28.233463800 | -0.30 | -0.75 | -0.21 | 0.30 | 0.30 | 0.52 | 5650000 | 3000000 |
| 48.509805070 | 28.893296360 | -0.32 | -0.61 | -0.27 | 0.27 | 0.27 | 0.47 | 5700000 | 3000000 |
| 48.6091063 | - | 0.24 | -0.13 | -1.27 | 0.36 | 0.36 | 0.63 | 320000 | 295000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 50 | 5.3224 03980 | | | | | | | 0 | 0 |
| 48.7001248 90 | - 4.6553 58280 | 0.29 | -0.18 | -1.58 | 0.28 | 0.28 | 0.48 | 325000 0 | 295000 0 |
| 48.7871433 20 | - 3.9861 48273 | 0.12 | -0.26 | -2.08 | 0.24 | 0.24 | 0.42 | 330000 0 | 295000 0 |
| 48.8701412 10 | - 3.3148 57490 | -0.02 | -0.40 | -1.91 | 0.21 | 0.22 | 0.39 | 335000 0 | 295000 0 |
| 48.9490989 30 | - 2.6415 71787 | 0.04 | -0.36 | -1.53 | 0.31 | 0.32 | 0.53 | 340000 0 | 295000 0 |
| 49.0239976 30 | - 1.9663 79271 | 0.12 | -0.29 | -1.38 | 0.30 | 0.30 | 0.51 | 345000 0 | 295000 0 |
| 49.0948192 80 | - 1.2893 70230 | 0.14 | -0.21 | -1.41 | 0.23 | 0.24 | 0.41 | 350000 0 | 295000 0 |
| 49.1615467 10 | - 0.6106 37046 | 0.10 | -0.03 | -1.42 | 0.23 | 0.23 | 0.41 | 355000 0 | 295000 0 |
| 49.2241636 10 | 0.0697 25892 | 0.10 | 0.00 | -1.44 | 0.24 | 0.24 | 0.41 | 360000 0 | 295000 0 |
| 49.2826545 80 | 0.7516 22276 | 0.00 | -0.13 | -1.52 | 0.23 | 0.23 | 0.39 | 365000 0 | 295000 0 |
| 49.3370051 40 | 1.4349 53983 | -0.11 | -0.23 | -1.51 | 0.24 | 0.24 | 0.41 | 370000 0 | 295000 0 |
| 49.3872017 60 | 2.1196 21173 | -0.09 | -0.22 | -1.33 | 0.22 | 0.22 | 0.39 | 375000 0 | 295000 0 |
| 49.4332318 50 | 2.8055 22400 | -0.06 | -0.23 | -1.27 | 0.26 | 0.26 | 0.45 | 380000 0 | 295000 0 |
| 49.4750838 40 | 3.4925 54721 | -0.08 | -0.23 | -1.35 | 0.25 | 0.25 | 0.44 | 385000 0 | 295000 0 |
| 49.5127471 40 | 4.1806 13813 | -0.03 | -0.18 | -1.28 | 0.25 | 0.25 | 0.44 | 390000 0 | 295000 0 |
| 49.5462121 70 | 4.8695 94095 | -0.05 | -0.18 | -0.87 | 0.26 | 0.26 | 0.45 | 395000 0 | 295000 0 |
| 49.5754704 10 | 5.5593 88848 | -0.20 | -0.24 | -0.34 | 0.24 | 0.24 | 0.42 | 400000 0 | 295000 0 |
| 49.6005143 70 | 6.2498 90346 | -0.34 | -0.21 | 0.02 | 0.23 | 0.23 | 0.41 | 405000 0 | 295000 0 |
| 49.6213376 30 | 6.9409 89983 | -0.26 | -0.08 | 0.07 | 0.24 | 0.24 | 0.43 | 410000 0 | 295000 0 |
| 49.6379348 20 | 7.6325 78408 | -0.13 | -0.09 | -0.16 | 0.25 | 0.25 | 0.46 | 415000 0 | 295000 0 |
| 49.6503016 80 | 8.3245 45656 | -0.09 | -0.19 | -0.63 | 0.25 | 0.25 | 0.45 | 420000 0 | 295000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 49.6584350 10 | 9.0167 81289 | -0.07 | -0.16 | -0.85 | 0.27 | 0.27 | 0.48 | 425000 0 | 295000 0 |
| 49.6623327 00 | 9.7091 74531 | -0.09 | -0.07 | -0.64 | 0.25 | 0.25 | 0.46 | 430000 0 | 295000 0 |
| 49.6619937 60 | 10.401 614410 | -0.16 | -0.07 | -0.42 | 0.28 | 0.28 | 0.51 | 435000 0 | 295000 0 |
| 49.6574182 70 | 11.093 989890 | -0.25 | -0.07 | -0.27 | 0.28 | 0.28 | 0.51 | 440000 0 | 295000 0 |
| 49.6486074 10 | 11.786 190010 | -0.24 | 0.03 | -0.25 | 0.30 | 0.30 | 0.53 | 445000 0 | 295000 0 |
| 49.6355634 50 | 12.478 104060 | -0.19 | 0.12 | -0.28 | 0.27 | 0.27 | 0.48 | 450000 0 | 295000 0 |
| 49.6182897 70 | 13.169 621650 | -0.06 | 0.05 | -0.47 | 0.26 | 0.27 | 0.47 | 455000 0 | 295000 0 |
| 49.5967908 10 | 13.860 632920 | 0.01 | -0.08 | -0.72 | 0.28 | 0.29 | 0.49 | 460000 0 | 295000 0 |
| 49.5710721 10 | 14.551 028620 | 0.02 | -0.10 | -0.83 | 0.28 | 0.29 | 0.49 | 465000 0 | 295000 0 |
| 49.5411402 50 | 15.240 700270 | -0.02 | -0.10 | -0.71 | 0.28 | 0.29 | 0.51 | 470000 0 | 295000 0 |
| 49.5070029 00 | 15.929 540300 | -0.07 | -0.21 | -0.50 | 0.25 | 0.26 | 0.50 | 475000 0 | 295000 0 |
| 49.4686687 40 | 16.617 442180 | -0.07 | -0.32 | -0.29 | 0.29 | 0.29 | 0.54 | 480000 0 | 295000 0 |
| 49.4261475 20 | 17.304 300500 | -0.04 | -0.25 | -0.19 | 0.28 | 0.28 | 0.52 | 485000 0 | 295000 0 |
| 49.3794499 80 | 17.990 011160 | 0.00 | -0.12 | -0.24 | 0.25 | 0.25 | 0.47 | 490000 0 | 295000 0 |
| 49.3285878 60 | 18.674 471450 | 0.02 | -0.10 | -0.36 | 0.25 | 0.25 | 0.44 | 495000 0 | 295000 0 |
| 49.2735739 00 | 19.357 580170 | 0.01 | -0.17 | -0.31 | 0.27 | 0.27 | 0.46 | 500000 0 | 295000 0 |
| 49.2144217 80 | 20.039 237750 | -0.04 | -0.15 | -0.32 | 0.24 | 0.24 | 0.42 | 505000 0 | 295000 0 |
| 49.1511461 30 | 20.719 346350 | -0.09 | -0.04 | -0.64 | 0.27 | 0.27 | 0.47 | 510000 0 | 295000 0 |
| 49.0837625 10 | 21.397 809960 | -0.11 | 0.01 | -0.76 | 0.25 | 0.25 | 0.43 | 515000 0 | 295000 0 |
| 49.0122873 60 | 22.074 534520 | -0.24 | 0.03 | -0.45 | 0.23 | 0.23 | 0.41 | 520000 0 | 295000 0 |
| 48.9367379 80 | 22.749 427950 | -0.30 | -0.11 | -0.42 | 0.30 | 0.30 | 0.51 | 525000 0 | 295000 0 |
| 48.8571325 50 | 23.422 400330 | -0.24 | -0.28 | -0.66 | 0.29 | 0.29 | 0.50 | 530000 0 | 295000 0 |
| 48.7734900 30 | 24.093 363900 | 0.06 | -0.59 | -1.15 | 0.27 | 0.27 | 0.46 | 535000 0 | 295000 0 |
| 48.6858301 90 | 24.762 233170 | 0.27 | -0.83 | -1.34 | 0.25 | 0.25 | 0.42 | 540000 0 | 295000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 48.5941735 70 | 25.428 924990 | 0.06 | -0.74 | -0.99 | 0.28 | 0.28 | 0.48 | 545000 0 | 295000 0 |
| 48.4985414 30 | 26.093 358600 | -0.23 | -0.60 | -0.69 | 0.26 | 0.26 | 0.46 | 550000 0 | 295000 0 |
| 48.3989557 40 | 26.755 455710 | -0.48 | -0.70 | -0.49 | 0.32 | 0.32 | 0.57 | 555000 0 | 295000 0 |
| 48.2954391 40 | 27.415 140530 | -0.71 | -0.88 | -0.31 | 0.26 | 0.26 | 0.54 | 560000 0 | 295000 0 |
| 48.1880149 10 | 28.072 339830 | -0.45 | -0.98 | -0.24 | 0.26 | 0.26 | 0.48 | 565000 0 | 295000 0 |
| 48.0767069 60 | 28.726 982970 | -0.42 | -0.92 | -0.27 | 0.30 | 0.30 | 0.51 | 570000 0 | 295000 0 |
| 47.9615397 70 | 29.379 001960 | -0.66 | -1.02 | -0.37 | 0.26 | 0.26 | 0.43 | 575000 0 | 295000 0 |
| 48.1702949 20 | - 5.1868 11029 | 0.23 | -0.10 | -1.15 | 0.35 | 0.35 | 0.61 | 320000 0 | 290000 0 |
| 48.2603983 80 | - 4.5252 61924 | 0.32 | -0.12 | -1.32 | 0.23 | 0.23 | 0.39 | 325000 0 | 290000 0 |
| 48.3465381 40 | - 3.8616 19875 | 0.16 | -0.15 | -1.65 | 0.23 | 0.23 | 0.40 | 330000 0 | 290000 0 |
| 48.4286945 00 | - 3.1959 65991 | 0.02 | -0.29 | -1.51 | 0.25 | 0.25 | 0.43 | 335000 0 | 290000 0 |
| 48.5068484 90 | - 2.5283 83590 | 0.06 | -0.34 | -1.21 | 0.23 | 0.24 | 0.40 | 340000 0 | 290000 0 |
| 48.5809819 00 | - 1.8589 58130 | 0.14 | -0.21 | -1.19 | 0.20 | 0.20 | 0.36 | 345000 0 | 290000 0 |
| 48.6510773 40 | - 1.1877 77133 | 0.03 | -0.08 | -1.11 | 0.24 | 0.24 | 0.41 | 350000 0 | 290000 0 |
| 48.7171182 30 | - 0.5149 30111 | 0.01 | -0.04 | -0.99 | 0.25 | 0.25 | 0.43 | 355000 0 | 290000 0 |
| 48.7790888 40 | 0.1594 91523 | 0.08 | -0.10 | -1.12 | 0.26 | 0.26 | 0.44 | 360000 0 | 290000 0 |
| 48.8369743 00 | 0.8353 94537 | 0.06 | -0.14 | -1.37 | 0.23 | 0.23 | 0.39 | 365000 0 | 290000 0 |
| 48.8907606 50 | 1.5126 83979 | -0.05 | -0.08 | -1.37 | 0.23 | 0.23 | 0.39 | 370000 0 | 290000 0 |
| 48.9404348 40 | 2.1912 63270 | -0.04 | -0.12 | -1.17 | 0.23 | 0.23 | 0.38 | 375000 0 | 290000 0 |
| 48.9859847 30 | 2.8710 34311 | 0.01 | -0.18 | -1.24 | 0.22 | 0.22 | 0.39 | 380000 0 | 290000 0 |
| 49.0273991 50 | 3.5518 97585 | -0.02 | -0.06 | -1.32 | 0.27 | 0.27 | 0.46 | 385000 0 | 290000 0 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 49.064667890 | 4.233752271 | -0.03 | 0.01 | -1.13 | 0.28 | 0.28 | 0.49 | 3900000 | 2900000 |
| 49.097781740 | 4.916496355 | -0.07 | -0.03 | -0.80 | 0.26 | 0.26 | 0.46 | 3950000 | 2900000 |
| 49.126732460 | 5.600026749 | -0.20 | -0.12 | -0.55 | 0.25 | 0.25 | 0.44 | 4000000 | 2900000 |
| 49.151512850 | 6.284239411 | -0.33 | -0.09 | -0.52 | 0.24 | 0.24 | 0.42 | 4050000 | 2900000 |
| 49.172116700 | 6.969029467 | -0.27 | 0.04 | -0.58 | 0.23 | 0.23 | 0.41 | 4100000 | 2900000 |
| 49.188538860 | 7.654291337 | -0.14 | 0.01 | -0.64 | 0.26 | 0.26 | 0.46 | 4150000 | 2900000 |
| 49.200775200 | 8.339918865 | -0.05 | -0.06 | -0.81 | 0.24 | 0.24 | 0.44 | 4200000 | 2900000 |
| 49.208822640 | 9.025805442 | 0.02 | -0.06 | -0.93 | 0.25 | 0.25 | 0.46 | 4250000 | 2900000 |
| 49.212679170 | 9.711844144 | 0.01 | -0.04 | -0.83 | 0.26 | 0.26 | 0.48 | 4300000 | 2900000 |
| 49.212343810 | 10.397927860 | -0.05 | -0.05 | -0.66 | 0.31 | 0.31 | 0.55 | 4350000 | 2900000 |
| 49.207816640 | 11.083949410 | -0.12 | -0.02 | -0.48 | 0.33 | 0.33 | 0.57 | 4400000 | 2900000 |
| 49.199098810 | 11.769801720 | -0.14 | 0.08 | -0.34 | 0.32 | 0.32 | 0.56 | 4450000 | 2900000 |
| 49.186192500 | 12.455377900 | -0.10 | 0.10 | -0.23 | 0.26 | 0.26 | 0.47 | 4500000 | 2900000 |
| 49.169100970 | 13.140571400 | -0.05 | -0.02 | -0.24 | 0.22 | 0.22 | 0.40 | 4550000 | 2900000 |
| 49.147828500 | 13.825276150 | -0.04 | -0.05 | -0.47 | 0.26 | 0.27 | 0.47 | 4600000 | 2900000 |
| 49.122380420 | 14.509386680 | 0.01 | 0.00 | -0.70 | 0.24 | 0.25 | 0.43 | 4650000 | 2900000 |
| 49.092763080 | 15.192798230 | -0.03 | 0.01 | -0.73 | 0.21 | 0.22 | 0.39 | 4700000 | 2900000 |
| 49.058983870 | 15.875406910 | -0.13 | -0.18 | -0.58 | 0.26 | 0.27 | 0.49 | 4750000 | 2900000 |
| 49.021051180 | 16.557109800 | -0.14 | -0.27 | -0.47 | 0.26 | 0.26 | 0.49 | 4800000 | 2900000 |
| 48.978974370 | 17.237805060 | -0.02 | -0.19 | -0.43 | 0.27 | 0.27 | 0.48 | 4850000 | 2900000 |
| 48.932763820 | 17.917392070 | 0.07 | -0.13 | -0.49 | 0.29 | 0.29 | 0.50 | 4900000 | 2900000 |
| 48.882430850 | 18.595771540 | 0.05 | -0.16 | -0.59 | 0.26 | 0.26 | 0.45 | 4950000 | 2900000 |
| 48.827987730 | 19.272845600 | -0.02 | -0.15 | -0.59 | 0.24 | 0.24 | 0.41 | 5000000 | 2900000 |
| 48.769447680 | 19.948517930 | -0.07 | 0.01 | -0.58 | 0.26 | 0.26 | 0.43 | 5050000 | 2900000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 48.7068248 10 | 20.622 693850 | -0.09 | 0.02 | -0.80 | 0.29 | 0.29 | 0.49 | 510000 0 | 290000 0 |
| 48.6401341 10 | 21.295 280400 | -0.16 | -0.05 | -0.92 | 0.22 | 0.22 | 0.38 | 515000 0 | 290000 0 |
| 48.5693914 60 | 21.966 186470 | -0.36 | -0.11 | -0.76 | 0.23 | 0.23 | 0.41 | 520000 0 | 290000 0 |
| 48.4946135 70 | 22.635 322870 | -0.42 | -0.10 | -0.74 | 0.23 | 0.23 | 0.42 | 525000 0 | 290000 0 |
| 48.4158179 60 | 23.302 602400 | -0.28 | -0.28 | -0.87 | 0.33 | 0.33 | 0.55 | 530000 0 | 290000 0 |
| 48.3330229 60 | 23.967 939930 | -0.11 | -0.58 | -1.02 | 0.33 | 0.33 | 0.54 | 535000 0 | 290000 0 |
| 48.2462476 60 | 24.631 252500 | 0.07 | -0.88 | -1.09 | 0.27 | 0.27 | 0.46 | 540000 0 | 290000 0 |
| 48.1555118 90 | 25.292 459360 | 0.14 | -0.91 | -1.00 | 0.26 | 0.26 | 0.45 | 545000 0 | 290000 0 |
| 48.0608361 90 | 25.951 482030 | -0.02 | -0.71 | -0.89 | 0.27 | 0.27 | 0.47 | 550000 0 | 290000 0 |
| 47.9622418 00 | 26.608 244380 | -0.28 | -0.64 | -0.75 | 0.28 | 0.28 | 0.50 | 555000 0 | 290000 0 |
| 47.8597505 90 | 27.262 672670 | -0.49 | -0.66 | -0.52 | 0.29 | 0.29 | 0.53 | 560000 0 | 290000 0 |
| 47.7533850 80 | 27.914 695560 | -0.38 | -0.72 | -0.37 | 0.31 | 0.31 | 0.54 | 565000 0 | 290000 0 |
| 47.6431683 80 | 28.564 244220 | -0.32 | -0.84 | -0.33 | 0.25 | 0.25 | 0.44 | 570000 0 | 290000 0 |
| 47.5291241 70 | 29.211 252320 | -0.39 | -0.81 | -0.49 | 0.31 | 0.31 | 0.51 | 575000 0 | 290000 0 |
| 47.4112766 70 | 29.855 656040 | -0.32 | -0.65 | -0.67 | 0.30 | 0.30 | 0.50 | 580000 0 | 290000 0 |
| 47.7311618 70 | - 5.0541 74106 | 0.16 | -0.08 | -1.13 | 0.39 | 0.39 | 0.70 | 320000 0 | 285000 0 |
| 47.8203704 80 | - 4.3980 12791 | 0.17 | -0.09 | -1.26 | 0.31 | 0.32 | 0.55 | 325000 0 | 285000 0 |
| 47.9056511 30 | - 3.7398 26996 | 0.12 | -0.10 | -1.37 | 0.22 | 0.22 | 0.40 | 330000 0 | 285000 0 |
| 47.9869847 70 | - 3.0796 95489 | 0.00 | -0.21 | -1.26 | 0.24 | 0.25 | 0.43 | 335000 0 | 285000 0 |
| 48.0643530 90 | - 2.4176 99136 | -0.04 | -0.33 | -1.08 | 0.26 | 0.26 | 0.44 | 340000 0 | 285000 0 |
| 48.1377384 90 | - 1.7539 20836 | -0.03 | -0.34 | -1.06 | 0.23 | 0.24 | 0.41 | 345000 0 | 285000 0 |
| 48.2071241 90 | - 1.0884 | -0.03 | -0.22 | -0.93 | 0.26 | 0.26 | 0.44 | 350000 | 285000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 45448 | | | | | | | 0 | 0 |
| 48.2724941 80 | - 0.4213 59717 | 0.00 | -0.14 | -0.84 | 0.26 | 0.26 | 0.44 | 355000 0 | 285000 0 |
| 48.3338332 80 | 0.2472 47804 | 0.08 | -0.15 | -1.02 | 0.26 | 0.26 | 0.45 | 360000 0 | 285000 0 |
| 48.3911271 40 | 0.9172 86842 | 0.10 | -0.13 | -1.33 | 0.26 | 0.26 | 0.44 | 365000 0 | 285000 0 |
| 48.4443622 80 | 1.5886 65489 | 0.01 | -0.09 | -1.37 | 0.24 | 0.24 | 0.41 | 370000 0 | 285000 0 |
| 48.4935261 20 | 2.2612 90300 | -0.03 | -0.14 | -1.16 | 0.23 | 0.23 | 0.39 | 375000 0 | 285000 0 |
| 48.5386069 30 | 2.9350 66384 | -0.01 | -0.11 | -1.15 | 0.26 | 0.25 | 0.43 | 380000 0 | 285000 0 |
| 48.5795939 60 | 3.6098 97513 | -0.04 | 0.05 | -1.12 | 0.26 | 0.26 | 0.45 | 385000 0 | 285000 0 |
| 48.6164773 60 | 4.2856 86219 | -0.08 | 0.10 | -0.98 | 0.27 | 0.27 | 0.46 | 390000 0 | 285000 0 |
| 48.6492482 30 | 4.9623 33907 | -0.15 | -0.04 | -0.85 | 0.26 | 0.27 | 0.46 | 395000 0 | 285000 0 |
| 48.6778986 30 | 5.6397 40964 | -0.22 | -0.15 | -1.05 | 0.26 | 0.26 | 0.45 | 400000 0 | 285000 0 |
| 48.7024216 20 | 6.3178 06876 | -0.24 | -0.14 | -1.38 | 0.25 | 0.25 | 0.43 | 405000 0 | 285000 0 |
| 48.7228112 20 | 6.9964 30339 | -0.20 | -0.06 | -1.31 | 0.27 | 0.27 | 0.46 | 410000 0 | 285000 0 |
| 48.7390624 50 | 7.6755 09385 | -0.12 | -0.01 | -1.05 | 0.21 | 0.21 | 0.37 | 415000 0 | 285000 0 |
| 48.7511713 50 | 8.3549 41497 | 0.01 | 0.01 | -0.84 | 0.26 | 0.26 | 0.45 | 420000 0 | 285000 0 |
| 48.7591349 30 | 9.0346 23732 | 0.14 | 0.03 | -0.89 | 0.26 | 0.25 | 0.47 | 425000 0 | 285000 0 |
| 48.7629512 60 | 9.7144 52847 | 0.16 | -0.03 | -0.95 | 0.28 | 0.28 | 0.51 | 430000 0 | 285000 0 |
| 48.7626194 00 | 10.394 325420 | 0.09 | -0.06 | -0.90 | 0.28 | 0.28 | 0.51 | 435000 0 | 285000 0 |
| 48.7581394 20 | 11.074 137980 | 0.03 | -0.01 | -0.70 | 0.32 | 0.32 | 0.57 | 440000 0 | 285000 0 |
| 48.7495124 20 | 11.753 787130 | -0.03 | 0.03 | -0.41 | 0.34 | 0.34 | 0.59 | 445000 0 | 285000 0 |
| 48.7367405 30 | 12.433 169660 | -0.08 | 0.04 | -0.15 | 0.31 | 0.31 | 0.53 | 450000 0 | 285000 0 |
| 48.7198268 70 | 13.112 182690 | -0.14 | 0.06 | -0.05 | 0.28 | 0.29 | 0.49 | 455000 0 | 285000 0 |
| 48.6987755 60 | 13.790 723780 | -0.14 | 0.13 | -0.14 | 0.26 | 0.26 | 0.45 | 460000 0 | 285000 0 |
| 48.6735917 60 | 14.468 691060 | -0.04 | 0.11 | -0.33 | 0.25 | 0.26 | 0.44 | 465000 0 | 285000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 48.6442815 90 | 15.145 983350 | -0.03 | -0.03 | -0.55 | 0.27 | 0.28 | 0.47 | 470000 0 | 285000 0 |
| 48.6108521 60 | 15.822 500270 | -0.12 | -0.11 | -0.68 | 0.27 | 0.27 | 0.48 | 475000 0 | 285000 0 |
| 48.5733115 60 | 16.498 142360 | -0.11 | -0.05 | -0.76 | 0.26 | 0.27 | 0.48 | 480000 0 | 285000 0 |
| 48.5316688 40 | 17.172 811200 | 0.07 | 0.01 | -0.72 | 0.23 | 0.23 | 0.40 | 485000 0 | 285000 0 |
| 48.4859339 90 | 17.846 409520 | 0.16 | -0.07 | -0.66 | 0.26 | 0.26 | 0.44 | 490000 0 | 285000 0 |
| 48.4361179 40 | 18.518 841280 | 0.09 | -0.15 | -0.70 | 0.28 | 0.28 | 0.47 | 495000 0 | 285000 0 |
| 48.3822325 30 | 19.190 011830 | -0.01 | -0.06 | -0.82 | 0.26 | 0.27 | 0.45 | 500000 0 | 285000 0 |
| 48.3242905 00 | 19.859 827960 | -0.05 | 0.17 | -0.96 | 0.22 | 0.23 | 0.38 | 505000 0 | 285000 0 |
| 48.2623054 80 | 20.528 198020 | -0.10 | 0.03 | -1.12 | 0.27 | 0.27 | 0.46 | 510000 0 | 285000 0 |
| 48.1962919 30 | 21.195 032000 | -0.23 | -0.20 | -1.18 | 0.29 | 0.29 | 0.49 | 515000 0 | 285000 0 |
| 48.1262651 80 | 21.860 241640 | -0.41 | -0.40 | -1.18 | 0.26 | 0.26 | 0.44 | 520000 0 | 285000 0 |
| 48.0522413 60 | 22.523 740480 | -0.42 | -0.33 | -1.18 | 0.26 | 0.26 | 0.44 | 525000 0 | 285000 0 |
| 47.9742374 00 | 23.185 443970 | -0.36 | -0.30 | -1.07 | 0.29 | 0.29 | 0.49 | 530000 0 | 285000 0 |
| 47.8922709 80 | 23.845 269550 | -0.40 | -0.48 | -0.85 | 0.30 | 0.30 | 0.50 | 535000 0 | 285000 0 |
| 47.8063605 60 | 24.503 136660 | -0.43 | -0.73 | -0.63 | 0.26 | 0.26 | 0.43 | 540000 0 | 285000 0 |
| 47.7165252 90 | 25.158 966890 | -0.17 | -0.80 | -0.84 | 0.28 | 0.28 | 0.47 | 545000 0 | 285000 0 |
| 47.6227850 20 | 25.812 683980 | 0.03 | -0.77 | -0.97 | 0.25 | 0.25 | 0.44 | 550000 0 | 285000 0 |
| 47.5251602 80 | 26.464 213880 | -0.03 | -0.56 | -0.92 | 0.24 | 0.24 | 0.42 | 555000 0 | 285000 0 |
| 47.4236722 10 | 27.113 484830 | -0.19 | -0.39 | -0.66 | 0.26 | 0.26 | 0.44 | 560000 0 | 285000 0 |
| 47.3183426 00 | 27.760 427380 | -0.20 | -0.33 | -0.51 | 0.28 | 0.28 | 0.48 | 565000 0 | 285000 0 |
| 47.2091937 80 | 28.404 974420 | -0.19 | -0.52 | -0.53 | 0.28 | 0.28 | 0.47 | 570000 0 | 285000 0 |
| 47.0962486 90 | 29.047 061240 | -0.23 | -0.57 | -0.63 | 0.26 | 0.26 | 0.43 | 575000 0 | 285000 0 |
| 46.9795307 30 | 29.686 625570 | -0.29 | -0.56 | -0.79 | 0.25 | 0.25 | 0.42 | 580000 0 | 285000 0 |
| 39.4315760 30 | - 31.900 404740 | 2.11 | -11.96 | -1.27 | 0.39 | 0.39 | 0.70 | 900000 | 280000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 39.6724775 80 | - 31.383 652210 | 3.08 | -17.42 | -1.44 | 0.32 | 0.32 | 0.55 | 950000 | 280000 |
| 39.9106471 20 | - 30.863 785970 | 2.39 | -13.56 | -1.41 | 0.38 | 0.38 | 0.66 | 100000 | 280000 |
| 47.2917078 90 | - 4.9244 03741 | 0.10 | -0.08 | -1.16 | 0.42 | 0.42 | 0.76 | 320000 | 280000 |
| 47.3800412 90 | - 4.2735 24215 | 0.11 | -0.11 | -1.32 | 0.37 | 0.37 | 0.66 | 325000 | 280000 |
| 47.4644817 80 | - 3.6206 85919 | 0.11 | -0.19 | -1.56 | 0.29 | 0.30 | 0.51 | 330000 | 280000 |
| 47.5450109 50 | - 2.9659 65356 | 0.03 | -0.25 | -1.57 | 0.23 | 0.23 | 0.40 | 335000 | 280000 |
| 47.6216111 00 | - 2.3094 41024 | -0.05 | -0.29 | -1.28 | 0.28 | 0.28 | 0.47 | 340000 | 280000 |
| 47.6942652 50 | - 1.6511 93351 | -0.04 | -0.37 | -1.08 | 0.25 | 0.26 | 0.44 | 345000 | 280000 |
| 47.7629571 70 | - 0.9913 04628 | -0.01 | -0.32 | -1.00 | 0.24 | 0.24 | 0.42 | 350000 | 280000 |
| 47.8276714 20 | - 0.3298 58937 | -0.01 | -0.19 | -1.00 | 0.23 | 0.24 | 0.41 | 355000 | 280000 |
| 47.8883933 30 | 0.3330 57924 | 0.03 | -0.14 | -1.15 | 0.25 | 0.25 | 0.43 | 360000 | 280000 |
| 47.9451090 50 | 0.9973 58526 | 0.06 | -0.12 | -1.36 | 0.26 | 0.26 | 0.44 | 365000 | 280000 |
| 47.9978055 70 | 1.6629 53888 | 0.02 | -0.17 | -1.38 | 0.24 | 0.23 | 0.41 | 370000 | 280000 |
| 48.0464707 50 | 2.3297 53572 | -0.04 | -0.21 | -1.23 | 0.26 | 0.26 | 0.44 | 375000 | 280000 |
| 48.0910932 70 | 2.9976 65769 | -0.07 | -0.16 | -1.14 | 0.23 | 0.23 | 0.39 | 380000 | 280000 |
| 48.1316627 60 | 3.6665 97403 | -0.09 | -0.01 | -1.01 | 0.25 | 0.25 | 0.44 | 385000 | 280000 |
| 48.1681697 10 | 4.3364 54224 | -0.11 | 0.00 | -0.89 | 0.27 | 0.27 | 0.48 | 390000 | 280000 |
| 48.2006055 30 | 5.0071 40911 | -0.14 | -0.09 | -0.96 | 0.26 | 0.27 | 0.46 | 395000 | 280000 |
| 48.2289625 90 | 5.6785 61183 | -0.13 | -0.14 | -1.35 | 0.27 | 0.28 | 0.47 | 400000 | 280000 |
| 48.2532341 60 | 6.3506 17903 | -0.09 | -0.18 | -1.76 | 0.24 | 0.24 | 0.42 | 405000 | 280000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 48.273414500 | 7.023213187 | -0.06 | -0.20 | -1.51 | 0.28 | 0.28 | 0.46 | 4100000 | 2800000 |
| 48.289498790 | 7.696248522 | -0.03 | -0.17 | -1.05 | 0.25 | 0.25 | 0.42 | 4150000 | 2800000 |
| 48.301483200 | 8.369624874 | 0.05 | -0.04 | -0.63 | 0.25 | 0.25 | 0.44 | 4200000 | 2800000 |
| 48.309364890 | 9.043242809 | 0.17 | 0.01 | -0.67 | 0.27 | 0.27 | 0.48 | 4250000 | 2800000 |
| 48.313141960 | 9.717002606 | 0.20 | -0.03 | -0.82 | 0.27 | 0.27 | 0.50 | 4300000 | 2800000 |
| 48.312813500 | 10.390804380 | 0.17 | -0.01 | -0.81 | 0.30 | 0.30 | 0.54 | 4350000 | 2800000 |
| 48.308379610 | 11.064548190 | 0.15 | 0.04 | -0.74 | 0.26 | 0.26 | 0.48 | 4400000 | 2800000 |
| 48.299841340 | 11.738134160 | 0.11 | 0.02 | -0.41 | 0.29 | 0.29 | 0.51 | 4450000 | 2800000 |
| 48.287200720 | 12.411462630 | 0.00 | -0.01 | -0.08 | 0.27 | 0.27 | 0.48 | 4500000 | 2800000 |
| 48.270460780 | 13.084434200 | -0.10 | 0.12 | -0.07 | 0.27 | 0.28 | 0.48 | 4550000 | 2800000 |
| 48.249625510 | 13.756949920 | -0.10 | 0.23 | -0.25 | 0.25 | 0.25 | 0.44 | 4600000 | 2800000 |
| 48.224699840 | 14.428911360 | 0.02 | 0.07 | -0.45 | 0.24 | 0.24 | 0.44 | 4650000 | 2800000 |
| 48.195689710 | 15.100220770 | 0.07 | -0.12 | -0.69 | 0.26 | 0.26 | 0.48 | 4700000 | 2800000 |
| 48.162601960 | 15.770781120 | 0.03 | 0.00 | -0.93 | 0.25 | 0.25 | 0.47 | 4750000 | 2800000 |
| 48.125444410 | 16.440496290 | 0.04 | 0.21 | -1.03 | 0.25 | 0.26 | 0.48 | 4800000 | 2800000 |
| 48.084225770 | 17.109271120 | 0.17 | 0.19 | -0.87 | 0.29 | 0.29 | 0.48 | 4850000 | 2800000 |
| 48.038955700 | 17.777011540 | 0.20 | 0.07 | -0.64 | 0.25 | 0.25 | 0.41 | 4900000 | 2800000 |
| 47.989644730 | 18.443624670 | 0.03 | -0.01 | -0.54 | 0.26 | 0.26 | 0.44 | 4950000 | 2800000 |
| 47.936304290 | 19.109018910 | -0.12 | 0.16 | -0.78 | 0.28 | 0.28 | 0.47 | 5000000 | 2800000 |
| 47.878946690 | 19.773104050 | -0.11 | 0.22 | -1.17 | 0.27 | 0.27 | 0.45 | 5050000 | 2800000 |
| 47.817585050 | 20.435791360 | -0.09 | 0.06 | -1.44 | 0.25 | 0.25 | 0.41 | 5100000 | 2800000 |
| 47.752233370 | 21.096993660 | -0.25 | -0.18 | -1.39 | 0.29 | 0.29 | 0.48 | 5150000 | 2800000 |
| 47.682906430 | 21.756625420 | -0.44 | -0.40 | -1.27 | 0.25 | 0.25 | 0.43 | 5200000 | 2800000 |
| 47.609619810 | 22.414602840 | -0.45 | -0.39 | -1.23 | 0.29 | 0.29 | 0.49 | 5250000 | 2800000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 47.5323898 60 | 23.070 843920 | -0.47 | -0.38 | -1.12 | 0.27 | 0.27 | 0.45 | 530000 0 | 280000 0 |
| 47.4512336 70 | 23.725 268550 | -0.69 | -0.44 | -0.84 | 0.27 | 0.27 | 0.44 | 535000 0 | 280000 0 |
| 47.3661690 70 | 24.377 798530 | -0.90 | -0.52 | -0.66 | 0.27 | 0.27 | 0.44 | 540000 0 | 280000 0 |
| 47.2772145 50 | 25.028 357690 | -0.67 | -0.60 | -0.86 | 0.28 | 0.28 | 0.47 | 545000 0 | 280000 0 |
| 47.1843893 30 | 25.676 871910 | -0.37 | -0.65 | -1.05 | 0.28 | 0.28 | 0.51 | 550000 0 | 280000 0 |
| 47.0877132 20 | 26.323 269180 | -0.20 | -0.63 | -0.94 | 0.27 | 0.27 | 0.49 | 555000 0 | 280000 0 |
| 46.9872066 90 | 26.967 479670 | -0.24 | -0.45 | -0.70 | 0.28 | 0.28 | 0.47 | 560000 0 | 280000 0 |
| 46.8828908 10 | 27.609 435730 | -0.18 | -0.25 | -0.71 | 0.26 | 0.26 | 0.44 | 565000 0 | 280000 0 |
| 46.7747871 80 | 28.249 071970 | -0.10 | -0.42 | -0.81 | 0.30 | 0.30 | 0.50 | 570000 0 | 280000 0 |
| 46.6629179 80 | 28.886 325280 | -0.19 | -0.61 | -0.87 | 0.28 | 0.28 | 0.47 | 575000 0 | 280000 0 |
| 46.5473059 00 | 29.521 134840 | -0.50 | -0.66 | -0.79 | 0.26 | 0.26 | 0.44 | 580000 0 | 280000 0 |
| 46.4279741 00 | 30.153 442190 | -0.79 | -0.50 | -0.65 | 0.29 | 0.29 | 0.48 | 585000 0 | 280000 0 |
| 46.3049462 20 | 30.783 191180 | -0.77 | -0.40 | -0.50 | 0.20 | 0.20 | 0.38 | 590000 0 | 280000 0 |
| 39.0558976 10 | - 31.620 478350 | 2.24 | -12.69 | -1.32 | 0.39 | 0.39 | 0.68 | 900000 | 275000 0 |
| 39.2951359 40 | - 31.105 274380 | 3.64 | -20.62 | -1.55 | 0.26 | 0.26 | 0.42 | 950000 | 275000 0 |
| 39.5316451 20 | - 30.587 025540 | 2.61 | -14.89 | -1.51 | 0.36 | 0.36 | 0.62 | 100000 0 | 275000 0 |
| 47.0230293 20 | - 3.5041 16336 | 0.08 | -0.21 | -1.59 | 0.35 | 0.35 | 0.62 | 330000 0 | 275000 0 |
| 47.1027717 10 | - 2.8546 98269 | 0.03 | -0.25 | -1.66 | 0.29 | 0.30 | 0.51 | 335000 0 | 275000 0 |
| 47.1786206 70 | - 2.2035 35044 | -0.04 | -0.18 | -1.42 | 0.25 | 0.25 | 0.43 | 340000 0 | 275000 0 |
| 47.2505598 10 | - 1.5507 04705 | 0.04 | -0.15 | -1.13 | 0.18 | 0.18 | 0.32 | 345000 0 | 275000 0 |
| 47.3185734 30 | - 0.8962 87067 | 0.04 | -0.21 | -1.14 | 0.25 | 0.25 | 0.43 | 350000 0 | 275000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 47.3826466 20 | - 0.2403 63646 | -0.05 | -0.17 | -1.19 | 0.25 | 0.25 | 0.43 | 355000 0 | 275000 0 |
| 47.4427652 10 | 0.4169 82414 | -0.08 | -0.10 | -1.24 | 0.26 | 0.26 | 0.45 | 360000 0 | 275000 0 |
| 47.4989158 40 | 1.0756 66418 | 0.01 | -0.10 | -1.27 | 0.25 | 0.25 | 0.44 | 365000 0 | 275000 0 |
| 47.5510859 50 | 1.7356 02200 | 0.04 | -0.18 | -1.20 | 0.27 | 0.27 | 0.46 | 370000 0 | 275000 0 |
| 47.5992637 80 | 2.3967 02209 | -0.04 | -0.22 | -1.11 | 0.25 | 0.25 | 0.44 | 375000 0 | 275000 0 |
| 47.6434384 60 | 3.0588 77599 | -0.11 | -0.19 | -1.05 | 0.25 | 0.25 | 0.43 | 380000 0 | 275000 0 |
| 47.6835999 40 | 3.7220 38315 | -0.11 | -0.15 | -0.96 | 0.25 | 0.25 | 0.45 | 385000 0 | 275000 0 |
| 47.7197390 60 | 4.3860 93194 | -0.11 | -0.15 | -0.88 | 0.26 | 0.26 | 0.46 | 390000 0 | 275000 0 |
| 47.7518475 30 | 5.0509 50058 | -0.11 | -0.12 | -0.96 | 0.27 | 0.27 | 0.48 | 395000 0 | 275000 0 |
| 47.7799179 70 | 5.7165 15816 | -0.06 | -0.08 | -1.23 | 0.26 | 0.26 | 0.45 | 400000 0 | 275000 0 |
| 47.8039439 20 | 6.3826 96567 | 0.01 | -0.13 | -1.42 | 0.25 | 0.25 | 0.44 | 405000 0 | 275000 0 |
| 47.8239198 10 | 7.0493 97705 | 0.05 | -0.24 | -1.19 | 0.25 | 0.25 | 0.42 | 410000 0 | 275000 0 |
| 47.8398410 10 | 7.7165 24023 | 0.07 | -0.21 | -0.70 | 0.23 | 0.23 | 0.40 | 415000 0 | 275000 0 |
| 47.8517038 30 | 8.3839 79827 | 0.14 | 0.00 | -0.36 | 0.24 | 0.25 | 0.41 | 420000 0 | 275000 0 |
| 47.8595055 00 | 9.0516 69037 | 0.19 | 0.01 | -0.32 | 0.26 | 0.27 | 0.45 | 425000 0 | 275000 0 |
| 47.8632442 20 | 9.7194 95307 | 0.17 | -0.04 | -0.37 | 0.24 | 0.24 | 0.43 | 430000 0 | 275000 0 |
| 47.8629191 00 | 10.387 362130 | 0.19 | 0.07 | -0.32 | 0.29 | 0.29 | 0.51 | 435000 0 | 275000 0 |
| 47.8585302 30 | 11.055 172950 | 0.25 | 0.16 | -0.34 | 0.25 | 0.25 | 0.44 | 440000 0 | 275000 0 |
| 47.8500786 30 | 11.722 831290 | 0.29 | 0.04 | -0.19 | 0.26 | 0.26 | 0.45 | 445000 0 | 275000 0 |
| 47.8375662 60 | 12.390 240820 | 0.22 | -0.06 | -0.06 | 0.23 | 0.24 | 0.42 | 450000 0 | 275000 0 |
| 47.8209960 30 | 13.057 305530 | 0.13 | 0.09 | -0.27 | 0.22 | 0.22 | 0.39 | 455000 0 | 275000 0 |
| 47.8003718 00 | 13.723 929790 | 0.13 | 0.13 | -0.59 | 0.27 | 0.28 | 0.47 | 460000 0 | 275000 0 |
| 47.7756983 40 | 14.390 018480 | 0.22 | 0.00 | -0.89 | 0.27 | 0.27 | 0.48 | 465000 0 | 275000 0 |
| 47.7469813 50 | 15.055 477110 | 0.23 | 0.08 | -0.98 | 0.31 | 0.31 | 0.54 | 470000 0 | 275000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 47.7142274 50 | 15.720 211890 | 0.23 | 0.28 | -1.08 | 0.30 | 0.31 | 0.53 | 475000 0 | 275000 0 |
| 47.6774441 80 | 16.384 129870 | 0.23 | 0.37 | -1.08 | 0.31 | 0.31 | 0.53 | 480000 0 | 275000 0 |
| 47.6366399 50 | 17.047 139030 | 0.24 | 0.29 | -0.96 | 0.27 | 0.27 | 0.46 | 485000 0 | 275000 0 |
| 47.5918240 70 | 17.709 148380 | 0.15 | 0.14 | -0.70 | 0.25 | 0.25 | 0.41 | 490000 0 | 275000 0 |
| 47.5430067 10 | 18.370 068050 | -0.09 | 0.13 | -0.49 | 0.26 | 0.26 | 0.42 | 495000 0 | 275000 0 |
| 47.4901989 20 | 19.029 809400 | -0.27 | 0.30 | -0.70 | 0.23 | 0.23 | 0.38 | 500000 0 | 275000 0 |
| 47.4334125 50 | 19.688 285080 | -0.17 | 0.23 | -1.29 | 0.24 | 0.24 | 0.40 | 505000 0 | 275000 0 |
| 47.3726603 00 | 20.345 409170 | -0.08 | 0.07 | -1.69 | 0.27 | 0.27 | 0.44 | 510000 0 | 275000 0 |
| 47.3079556 70 | 21.001 097220 | -0.19 | 0.01 | -1.57 | 0.25 | 0.26 | 0.43 | 515000 0 | 275000 0 |
| 47.2393129 40 | 21.655 266320 | -0.43 | -0.08 | -1.15 | 0.26 | 0.27 | 0.48 | 520000 0 | 275000 0 |
| 47.1667471 60 | 22.307 835240 | -0.52 | -0.30 | -0.96 | 0.31 | 0.31 | 0.53 | 525000 0 | 275000 0 |
| 47.0902741 30 | 22.958 724440 | -0.56 | -0.58 | -1.03 | 0.24 | 0.24 | 0.40 | 530000 0 | 275000 0 |
| 47.0099103 60 | 23.607 856160 | -0.82 | -0.54 | -0.96 | 0.28 | 0.28 | 0.46 | 535000 0 | 275000 0 |
| 46.9256730 60 | 24.255 154490 | -1.07 | -0.44 | -0.98 | 0.27 | 0.27 | 0.45 | 540000 0 | 275000 0 |
| 46.8375801 50 | 24.900 545440 | -0.96 | -0.45 | -1.17 | 0.29 | 0.29 | 0.50 | 545000 0 | 275000 0 |
| 46.7456501 70 | 25.543 956960 | -0.77 | -0.53 | -1.29 | 0.25 | 0.25 | 0.49 | 550000 0 | 275000 0 |
| 46.6499023 00 | 26.185 319010 | -0.66 | -0.74 | -0.96 | 0.26 | 0.26 | 0.48 | 555000 0 | 275000 0 |
| 46.5503563 30 | 26.824 563630 | -0.67 | -0.73 | -0.64 | 0.23 | 0.23 | 0.40 | 560000 0 | 275000 0 |
| 46.4470326 30 | 27.461 624940 | -0.34 | -0.43 | -0.87 | 0.28 | 0.28 | 0.46 | 565000 0 | 275000 0 |
| 46.3399521 30 | 28.096 439220 | -0.07 | -0.57 | -1.07 | 0.29 | 0.29 | 0.48 | 570000 0 | 275000 0 |
| 46.2291362 80 | 28.728 944910 | -0.11 | -0.84 | -1.20 | 0.24 | 0.24 | 0.42 | 575000 0 | 275000 0 |
| 46.1146070 40 | 29.359 082640 | -0.66 | -0.91 | -1.03 | 0.25 | 0.25 | 0.44 | 580000 0 | 275000 0 |
| 45.9963868 40 | 29.986 795290 | -1.05 | -0.58 | -0.88 | 0.30 | 0.30 | 0.51 | 585000 0 | 275000 0 |
| 45.8744985 80 | 30.612 027970 | -1.00 | -0.37 | -0.78 | 0.32 | 0.32 | 0.56 | 590000 0 | 275000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 43.0813696 40 | 41.393 162930 | 0.37 | -0.35 | 0.18 | 0.41 | 0.41 | 0.73 | 680000 0 | 275000 0 |
| 42.8945455 90 | 41.963 856330 | 0.42 | -0.22 | 0.14 | 0.42 | 0.42 | 0.77 | 685000 0 | 275000 0 |
| 42.7045661 70 | 42.531 442180 | 0.48 | -0.08 | 0.06 | 0.43 | 0.43 | 0.81 | 690000 0 | 275000 0 |
| 42.5114579 00 | 43.095 911160 | 0.58 | 0.05 | 0.00 | 0.44 | 0.44 | 0.83 | 695000 0 | 275000 0 |
| 42.3152472 30 | 43.657 255820 | 0.71 | 0.16 | -0.08 | 0.44 | 0.44 | 0.84 | 700000 0 | 275000 0 |
| 42.1159605 30 | 44.215 470500 | 0.85 | 0.25 | -0.18 | 0.44 | 0.44 | 0.84 | 705000 0 | 275000 0 |
| 41.9136240 60 | 44.770 551350 | 0.96 | 0.31 | -0.28 | 0.44 | 0.44 | 0.85 | 710000 0 | 275000 0 |
| 41.7082639 30 | 45.322 496230 | 0.99 | 0.33 | -0.38 | 0.44 | 0.44 | 0.85 | 715000 0 | 275000 0 |
| 46.5812927 10 | - 3.3900 41181 | 0.04 | -0.16 | -1.46 | 0.40 | 0.40 | 0.72 | 330000 0 | 270000 0 |
| 46.6602655 00 | - 2.7458 20044 | 0.01 | -0.19 | -1.54 | 0.36 | 0.37 | 0.64 | 335000 0 | 270000 0 |
| 46.7353797 50 | - 2.0999 10018 | -0.01 | -0.19 | -1.51 | 0.27 | 0.27 | 0.48 | 340000 0 | 270000 0 |
| 46.8066196 20 | - 1.4523 86846 | 0.04 | -0.12 | -1.28 | 0.28 | 0.28 | 0.47 | 345000 0 | 270000 0 |
| 46.8739699 40 | - 0.8033 27952 | 0.06 | -0.13 | -1.15 | 0.26 | 0.26 | 0.45 | 350000 0 | 270000 0 |
| 46.9374163 10 | - 0.1528 12379 | -0.05 | -0.17 | -1.17 | 0.25 | 0.25 | 0.42 | 355000 0 | 270000 0 |
| 46.9969450 40 | 0.4990 79281 | -0.08 | -0.14 | -1.21 | 0.25 | 0.25 | 0.42 | 360000 0 | 270000 0 |
| 47.0525432 20 | 1.1522 64968 | 0.04 | -0.14 | -1.17 | 0.25 | 0.25 | 0.44 | 365000 0 | 270000 0 |
| 47.1041987 20 | 1.8066 61220 | 0.08 | -0.19 | -1.08 | 0.27 | 0.27 | 0.48 | 370000 0 | 270000 0 |
| 47.1519001 90 | 2.4621 83265 | -0.01 | -0.20 | -1.00 | 0.27 | 0.27 | 0.48 | 375000 0 | 270000 0 |
| 47.1956371 30 | 3.1187 45096 | -0.07 | -0.19 | -0.98 | 0.28 | 0.28 | 0.48 | 380000 0 | 270000 0 |
| 47.2353998 40 | 3.7762 59565 | -0.08 | -0.19 | -0.99 | 0.25 | 0.25 | 0.44 | 385000 0 | 270000 0 |
| 47.2711794 70 | 4.4346 38468 | -0.08 | -0.16 | -0.97 | 0.27 | 0.27 | 0.47 | 390000 0 | 270000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 47.3029680 30 | 5.0937 92642 | -0.11 | -0.10 | -0.90 | 0.21 | 0.21 | 0.40 | 395000 0 | 270000 0 |
| 47.3307584 00 | 5.7536 32056 | -0.06 | -0.06 | -0.92 | 0.27 | 0.27 | 0.47 | 400000 0 | 270000 0 |
| 47.3545443 20 | 6.4140 65912 | 0.02 | -0.13 | -0.84 | 0.28 | 0.28 | 0.47 | 405000 0 | 270000 0 |
| 47.3743204 40 | 7.0750 02742 | 0.08 | -0.17 | -0.58 | 0.25 | 0.25 | 0.43 | 410000 0 | 270000 0 |
| 47.3900822 80 | 7.7363 50511 | 0.17 | -0.03 | -0.25 | 0.24 | 0.24 | 0.41 | 415000 0 | 270000 0 |
| 47.4018262 80 | 8.3980 16719 | 0.29 | 0.11 | -0.01 | 0.23 | 0.23 | 0.39 | 420000 0 | 270000 0 |
| 47.4095497 80 | 9.0599 08504 | 0.32 | -0.01 | 0.17 | 0.25 | 0.26 | 0.43 | 425000 0 | 270000 0 |
| 47.4132510 20 | 9.7219 32750 | 0.25 | -0.10 | 0.33 | 0.23 | 0.23 | 0.39 | 430000 0 | 270000 0 |
| 47.4129291 60 | 10.383 996190 | 0.24 | 0.06 | 0.38 | 0.25 | 0.26 | 0.44 | 435000 0 | 270000 0 |
| 47.4085842 80 | 11.046 005500 | 0.35 | 0.17 | 0.25 | 0.25 | 0.26 | 0.44 | 440000 0 | 270000 0 |
| 47.4002173 60 | 11.707 867450 | 0.40 | 0.02 | 0.10 | 0.26 | 0.27 | 0.46 | 445000 0 | 270000 0 |
| 47.3878303 00 | 12.369 488940 | 0.35 | -0.10 | -0.04 | 0.27 | 0.27 | 0.47 | 450000 0 | 270000 0 |
| 47.3714259 10 | 13.030 777160 | 0.30 | -0.03 | -0.30 | 0.26 | 0.26 | 0.45 | 455000 0 | 270000 0 |
| 47.3510079 00 | 13.691 639690 | 0.32 | 0.04 | -0.64 | 0.30 | 0.30 | 0.51 | 460000 0 | 270000 0 |
| 47.3265808 90 | 14.351 984560 | 0.40 | 0.10 | -1.01 | 0.28 | 0.29 | 0.49 | 465000 0 | 270000 0 |
| 47.2981503 60 | 15.011 720420 | 0.40 | 0.34 | -1.13 | 0.30 | 0.30 | 0.51 | 470000 0 | 270000 0 |
| 47.2657227 30 | 15.670 756580 | 0.39 | 0.63 | -1.12 | 0.27 | 0.27 | 0.46 | 475000 0 | 270000 0 |
| 47.2293052 50 | 16.329 003140 | 0.35 | 0.60 | -1.05 | 0.25 | 0.25 | 0.44 | 480000 0 | 270000 0 |
| 47.1889060 50 | 16.986 371090 | 0.23 | 0.20 | -1.02 | 0.24 | 0.24 | 0.42 | 485000 0 | 270000 0 |
| 47.1445341 10 | 17.642 772390 | 0.10 | 0.05 | -0.90 | 0.26 | 0.26 | 0.43 | 490000 0 | 270000 0 |
| 47.0961992 60 | 18.298 120050 | -0.04 | 0.19 | -0.71 | 0.25 | 0.25 | 0.42 | 495000 0 | 270000 0 |
| 47.0439121 60 | 18.952 328280 | -0.07 | 0.26 | -0.85 | 0.24 | 0.24 | 0.40 | 500000 0 | 270000 0 |
| 46.9876842 50 | 19.605 312490 | -0.02 | 0.10 | -1.45 | 0.25 | 0.25 | 0.42 | 505000 0 | 270000 0 |
| 46.9275278 10 | 20.256 989460 | 0.02 | 0.05 | -1.98 | 0.27 | 0.27 | 0.45 | 510000 0 | 270000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 46.8634558 70 | 20.907 277340 | -0.04 | 0.13 | -2.00 | 0.24 | 0.24 | 0.40 | 515000 0 | 270000 0 |
| 46.7954822 30 | 21.556 095790 | -0.35 | 0.12 | -1.30 | 0.25 | 0.26 | 0.45 | 520000 0 | 270000 0 |
| 46.7236214 20 | 22.203 366010 | -0.64 | -0.23 | -0.63 | 0.26 | 0.27 | 0.47 | 525000 0 | 270000 0 |
| 46.6478887 20 | 22.849 010860 | -0.70 | -0.53 | -0.69 | 0.27 | 0.27 | 0.46 | 530000 0 | 270000 0 |
| 46.5683000 80 | 23.492 954860 | -0.75 | -0.54 | -1.02 | 0.30 | 0.30 | 0.51 | 535000 0 | 270000 0 |
| 46.4848721 50 | 24.135 124310 | -0.88 | -0.45 | -1.37 | 0.29 | 0.29 | 0.48 | 540000 0 | 270000 0 |
| 46.3976222 40 | 24.775 447290 | -0.97 | -0.44 | -1.47 | 0.27 | 0.27 | 0.45 | 545000 0 | 270000 0 |
| 46.3065682 80 | 25.413 853790 | -0.92 | -0.50 | -1.30 | 0.24 | 0.24 | 0.43 | 550000 0 | 270000 0 |
| 46.2117288 20 | 26.050 275680 | -0.82 | -0.63 | -1.07 | 0.28 | 0.28 | 0.49 | 555000 0 | 270000 0 |
| 46.1131230 20 | 26.684 646820 | -0.72 | -0.53 | -1.00 | 0.28 | 0.28 | 0.48 | 560000 0 | 270000 0 |
| 46.0107705 90 | 27.316 903040 | -0.48 | -0.41 | -1.09 | 0.26 | 0.26 | 0.44 | 565000 0 | 270000 0 |
| 45.9046917 60 | 27.946 982250 | -0.08 | -0.68 | -1.21 | 0.20 | 0.20 | 0.35 | 570000 0 | 270000 0 |
| 45.7949073 20 | 28.574 824400 | -0.22 | -0.82 | -1.25 | 0.29 | 0.29 | 0.49 | 575000 0 | 270000 0 |
| 45.6814385 20 | 29.200 371560 | -0.65 | -0.74 | -1.40 | 0.27 | 0.27 | 0.47 | 580000 0 | 270000 0 |
| 45.5643071 00 | 29.823 567920 | -0.94 | -0.46 | -1.47 | 0.31 | 0.31 | 0.54 | 585000 0 | 270000 0 |
| 45.4435352 10 | 30.444 359810 | -0.85 | -0.33 | -1.28 | 0.37 | 0.37 | 0.65 | 590000 0 | 270000 0 |
| 42.8565364 80 | 40.588 485630 | 0.42 | -0.36 | -0.20 | 0.43 | 0.43 | 0.80 | 675000 0 | 270000 0 |
| 42.6743815 80 | 41.159 295880 | 0.48 | -0.27 | -0.09 | 0.43 | 0.43 | 0.79 | 680000 0 | 270000 0 |
| 42.4890584 30 | 41.727 091390 | 0.57 | -0.15 | -0.02 | 0.43 | 0.43 | 0.80 | 685000 0 | 270000 0 |
| 42.3005929 20 | 42.291 860500 | 0.69 | -0.02 | 0.04 | 0.43 | 0.43 | 0.81 | 690000 0 | 270000 0 |
| 42.1090109 10 | 42.853 593400 | 0.86 | 0.14 | 0.09 | 0.43 | 0.43 | 0.81 | 695000 0 | 270000 0 |
| 41.9143381 70 | 43.412 282070 | 1.10 | 0.29 | 0.06 | 0.43 | 0.43 | 0.80 | 700000 0 | 270000 0 |
| 41.7166004 10 | 43.967 920280 | 1.36 | 0.43 | -0.06 | 0.43 | 0.43 | 0.81 | 705000 0 | 270000 0 |
| 41.5158232 40 | 44.520 503520 | 1.59 | 0.53 | -0.20 | 0.43 | 0.43 | 0.81 | 710000 0 | 270000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 41.3120321 60 | 45.070 028970 | 1.66 | 0.56 | -0.33 | 0.43 | 0.43 | 0.82 | 715000 0 | 270000 0 |
| 46.2174905 20 | - 2.6392 59484 | 0.01 | -0.18 | -1.44 | 0.39 | 0.39 | 0.70 | 335000 0 | 265000 0 |
| 46.2918860 50 | - 1.9984 97651 | 0.01 | -0.22 | -1.47 | 0.32 | 0.32 | 0.56 | 340000 0 | 265000 0 |
| 46.3624419 30 | - 1.3561 74488 | 0.04 | -0.20 | -1.33 | 0.23 | 0.23 | 0.40 | 345000 0 | 265000 0 |
| 46.4291435 10 | - 0.7123 65118 | 0.03 | -0.16 | -1.06 | 0.27 | 0.27 | 0.45 | 350000 0 | 265000 0 |
| 46.4919768 70 | - 0.0671 46199 | -0.02 | -0.23 | -1.02 | 0.24 | 0.24 | 0.41 | 355000 0 | 265000 0 |
| 46.5509287 80 | 0.5794 04140 | -0.01 | -0.25 | -1.13 | 0.24 | 0.24 | 0.42 | 360000 0 | 265000 0 |
| 46.6059867 60 | 1.2272 06369 | 0.08 | -0.23 | -1.16 | 0.27 | 0.27 | 0.47 | 365000 0 | 265000 0 |
| 46.6571391 00 | 1.8761 79632 | 0.09 | -0.22 | -1.09 | 0.28 | 0.28 | 0.49 | 370000 0 | 265000 0 |
| 46.7043748 50 | 2.5262 41825 | 0.03 | -0.21 | -1.01 | 0.26 | 0.26 | 0.46 | 375000 0 | 265000 0 |
| 46.7476838 50 | 3.1773 09673 | 0.00 | -0.17 | -1.01 | 0.26 | 0.26 | 0.46 | 380000 0 | 265000 0 |
| 46.7870567 30 | 3.8292 98816 | 0.01 | -0.13 | -1.13 | 0.26 | 0.26 | 0.45 | 385000 0 | 265000 0 |
| 46.8224849 70 | 4.4821 23895 | 0.00 | -0.07 | -1.19 | 0.27 | 0.27 | 0.46 | 390000 0 | 265000 0 |
| 46.8539608 30 | 5.1356 98637 | -0.05 | -0.01 | -1.08 | 0.25 | 0.25 | 0.44 | 395000 0 | 265000 0 |
| 46.8814774 40 | 5.7899 35947 | -0.01 | -0.07 | -0.77 | 0.26 | 0.26 | 0.45 | 400000 0 | 265000 0 |
| 46.9050287 60 | 6.4447 48003 | 0.06 | -0.23 | -0.34 | 0.22 | 0.22 | 0.39 | 405000 0 | 265000 0 |
| 46.9246096 30 | 7.1000 46347 | 0.13 | -0.21 | 0.04 | 0.25 | 0.25 | 0.44 | 410000 0 | 265000 0 |
| 46.9402157 30 | 7.7557 41984 | 0.21 | -0.06 | 0.31 | 0.27 | 0.27 | 0.46 | 415000 0 | 265000 0 |
| 46.9518436 10 | 8.4117 45475 | 0.31 | -0.02 | 0.52 | 0.30 | 0.30 | 0.50 | 420000 0 | 265000 0 |
| 46.9594907 00 | 9.0679 67041 | 0.40 | -0.16 | 0.76 | 0.28 | 0.28 | 0.48 | 425000 0 | 265000 0 |
| 46.9631553 20 | 9.7243 16661 | 0.40 | -0.25 | 0.99 | 0.25 | 0.25 | 0.43 | 430000 0 | 265000 0 |
| 46.9628366 40 | 10.380 704170 | 0.37 | -0.11 | 0.95 | 0.26 | 0.26 | 0.45 | 435000 0 | 265000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 46.9585347 50 | 11.037 039360 | 0.39 | 0.02 | 0.57 | 0.28 | 0.28 | 0.48 | 440000 0 | 265000 0 |
| 46.9502506 00 | 11.693 232070 | 0.37 | -0.03 | 0.21 | 0.27 | 0.28 | 0.46 | 445000 0 | 265000 0 |
| 46.9379860 10 | 12.349 192330 | 0.28 | -0.13 | 0.01 | 0.29 | 0.30 | 0.50 | 450000 0 | 265000 0 |
| 46.9217437 00 | 13.004 830400 | 0.33 | -0.09 | -0.11 | 0.29 | 0.29 | 0.49 | 455000 0 | 265000 0 |
| 46.9015272 40 | 13.660 056910 | 0.47 | 0.04 | -0.40 | 0.27 | 0.27 | 0.46 | 460000 0 | 265000 0 |
| 46.8773411 00 | 14.314 782940 | 0.55 | 0.28 | -0.84 | 0.25 | 0.26 | 0.44 | 465000 0 | 265000 0 |
| 46.8491905 80 | 14.968 920120 | 0.54 | 0.56 | -1.03 | 0.27 | 0.28 | 0.46 | 470000 0 | 265000 0 |
| 46.8170818 60 | 15.622 380750 | 0.49 | 0.73 | -1.01 | 0.26 | 0.26 | 0.43 | 475000 0 | 265000 0 |
| 46.7810219 40 | 16.275 077850 | 0.38 | 0.55 | -0.92 | 0.25 | 0.25 | 0.44 | 480000 0 | 265000 0 |
| 46.7410186 80 | 16.926 925300 | 0.25 | 0.18 | -0.96 | 0.25 | 0.25 | 0.42 | 485000 0 | 265000 0 |
| 46.6970807 50 | 17.577 837880 | 0.23 | 0.18 | -0.99 | 0.26 | 0.26 | 0.44 | 490000 0 | 265000 0 |
| 46.6492176 50 | 18.227 731410 | 0.24 | 0.31 | -0.92 | 0.29 | 0.29 | 0.47 | 495000 0 | 265000 0 |
| 46.5974396 50 | 18.876 522800 | 0.28 | 0.30 | -1.01 | 0.23 | 0.23 | 0.39 | 500000 0 | 265000 0 |
| 46.5417578 30 | 19.524 130120 | 0.12 | 0.15 | -1.50 | 0.29 | 0.29 | 0.48 | 505000 0 | 265000 0 |
| 46.4821840 30 | 20.170 472740 | 0.05 | 0.06 | -2.16 | 0.27 | 0.28 | 0.45 | 510000 0 | 265000 0 |
| 46.4187308 50 | 20.815 471350 | -0.06 | 0.04 | -2.31 | 0.26 | 0.26 | 0.43 | 515000 0 | 265000 0 |
| 46.3514116 20 | 21.459 048040 | -0.38 | -0.05 | -1.60 | 0.26 | 0.26 | 0.43 | 520000 0 | 265000 0 |
| 46.2802404 00 | 22.101 126400 | -0.79 | -0.24 | -0.52 | 0.27 | 0.27 | 0.45 | 525000 0 | 265000 0 |
| 46.2052319 30 | 22.741 631550 | -0.88 | -0.35 | -0.34 | 0.27 | 0.27 | 0.46 | 530000 0 | 265000 0 |
| 46.1264016 50 | 23.380 490250 | -0.73 | -0.42 | -0.92 | 0.25 | 0.25 | 0.44 | 535000 0 | 265000 0 |
| 46.0437656 60 | 24.017 630900 | -0.71 | -0.47 | -1.42 | 0.26 | 0.26 | 0.44 | 540000 0 | 265000 0 |
| 45.9573406 80 | 24.652 983650 | -0.83 | -0.52 | -1.40 | 0.27 | 0.27 | 0.44 | 545000 0 | 265000 0 |
| 45.8671440 70 | 25.286 480410 | -0.87 | -0.51 | -1.17 | 0.27 | 0.27 | 0.47 | 550000 0 | 265000 0 |
| 45.7731937 90 | 25.918 054920 | -0.69 | -0.41 | -1.21 | 0.28 | 0.28 | 0.49 | 555000 0 | 265000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 45.6755083 40 | 26.547 642800 | -0.57 | -0.27 | -1.36 | 0.30 | 0.30 | 0.52 | 560000 0 | 265000 0 |
| 45.5741068 20 | 27.175 181580 | -0.47 | -0.21 | -1.33 | 0.28 | 0.28 | 0.49 | 565000 0 | 265000 0 |
| 45.4690088 20 | 27.800 610710 | -0.38 | -0.45 | -1.20 | 0.31 | 0.31 | 0.52 | 570000 0 | 265000 0 |
| 45.3602344 50 | 28.423 871650 | -0.41 | -0.66 | -1.12 | 0.29 | 0.29 | 0.50 | 575000 0 | 265000 0 |
| 45.2478043 00 | 29.044 907850 | -0.58 | -0.60 | -1.51 | 0.22 | 0.22 | 0.40 | 580000 0 | 265000 0 |
| 45.1317394 30 | 29.663 664800 | -0.98 | -0.23 | -2.08 | 0.19 | 0.19 | 0.40 | 585000 0 | 265000 0 |
| 45.0120613 00 | 30.280 090050 | -0.71 | -0.31 | -1.66 | 0.36 | 0.36 | 0.65 | 590000 0 | 265000 0 |
| 42.2664350 50 | 40.929 696310 | 0.67 | -0.25 | -0.31 | 0.43 | 0.43 | 0.81 | 680000 0 | 265000 0 |
| 42.0825871 10 | 41.494 617890 | 0.80 | -0.13 | -0.17 | 0.43 | 0.43 | 0.80 | 685000 0 | 265000 0 |
| 41.8956098 80 | 42.056 591920 | 0.98 | 0.03 | 0.03 | 0.42 | 0.42 | 0.79 | 690000 0 | 265000 0 |
| 41.7055285 50 | 42.615 608130 | 1.25 | 0.24 | 0.24 | 0.41 | 0.40 | 0.76 | 695000 0 | 265000 0 |
| 41.5123682 60 | 43.171 658030 | 1.65 | 0.48 | 0.28 | 0.40 | 0.39 | 0.73 | 700000 0 | 265000 0 |
| 41.3161540 60 | 43.724 734840 | 2.13 | 0.71 | 0.07 | 0.41 | 0.40 | 0.74 | 705000 0 | 265000 0 |
| 41.1169109 30 | 44.274 833470 | 2.56 | 0.88 | -0.13 | 0.41 | 0.41 | 0.75 | 710000 0 | 265000 0 |
| 40.9146637 50 | 44.821 950470 | 2.78 | 0.95 | -0.27 | 0.41 | 0.41 | 0.76 | 715000 0 | 265000 0 |
| 40.7094372 70 | 45.366 083980 | 2.44 | 0.86 | -0.40 | 0.42 | 0.42 | 0.79 | 720000 0 | 265000 0 |
| 40.5012560 90 | 45.907 233750 | 1.78 | 0.67 | -0.51 | 0.43 | 0.43 | 0.82 | 725000 0 | 265000 0 |
| 40.2901446 80 | 46.445 401010 | 1.19 | 0.47 | -0.58 | 0.44 | 0.44 | 0.85 | 730000 0 | 265000 0 |
| 38.6152719 10 | - 29.267 109630 | 0.49 | -3.44 | -1.71 | 0.44 | 0.44 | 0.83 | 105000 0 | 260000 0 |
| 38.8414340 30 | - 28.748 031870 | 0.29 | -2.68 | -1.99 | 0.44 | 0.44 | 0.81 | 110000 0 | 260000 0 |
| 39.0648101 40 | - 28.226 074870 | 0.09 | -2.10 | -2.32 | 0.42 | 0.42 | 0.77 | 115000 0 | 260000 0 |
| 39.2853774 50 | - 27.701 230130 | -0.05 | -1.70 | -2.56 | 0.41 | 0.41 | 0.73 | 120000 0 | 260000 0 |
| 45.8481371 | - | 0.00 | -0.22 | -1.39 | 0.35 | 0.35 | 0.61 | 340000 | 260000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 00 | 1.8992 32383 | | | | | | | 0 | 0 |
| 45.9180238 20 | - 1.2620 04980 | -0.02 | -0.24 | -1.33 | 0.24 | 0.24 | 0.41 | 345000 0 | 260000 0 |
| 45.9840907 80 | - 0.6233 38921 | -0.05 | -0.19 | -1.06 | 0.25 | 0.25 | 0.42 | 350000 0 | 260000 0 |
| 46.0463245 20 | 0.0166 91434 | -0.08 | -0.28 | -0.99 | 0.26 | 0.26 | 0.45 | 355000 0 | 260000 0 |
| 46.1047122 50 | 0.6580 10328 | -0.05 | -0.32 | -1.07 | 0.25 | 0.26 | 0.44 | 360000 0 | 260000 0 |
| 46.1592419 30 | 1.3005 40671 | 0.03 | -0.26 | -1.13 | 0.25 | 0.25 | 0.44 | 365000 0 | 260000 0 |
| 46.2099022 20 | 1.9442 04111 | 0.05 | -0.21 | -1.10 | 0.25 | 0.25 | 0.44 | 370000 0 | 260000 0 |
| 46.2566825 50 | 2.5889 21112 | 0.00 | -0.15 | -1.00 | 0.27 | 0.27 | 0.47 | 375000 0 | 260000 0 |
| 46.2995731 10 | 3.2346 11023 | 0.00 | -0.10 | -1.03 | 0.25 | 0.25 | 0.44 | 380000 0 | 260000 0 |
| 46.3385648 40 | 3.8811 92167 | 0.04 | -0.05 | -1.25 | 0.26 | 0.26 | 0.45 | 385000 0 | 260000 0 |
| 46.3736495 10 | 4.5285 81912 | 0.02 | 0.00 | -1.36 | 0.27 | 0.27 | 0.46 | 390000 0 | 260000 0 |
| 46.4048196 60 | 5.1766 96762 | 0.00 | 0.01 | -1.19 | 0.26 | 0.26 | 0.46 | 395000 0 | 260000 0 |
| 46.4320686 40 | 5.8254 52441 | 0.08 | -0.13 | -0.69 | 0.25 | 0.25 | 0.44 | 400000 0 | 260000 0 |
| 46.4553906 30 | 6.4747 63982 | 0.15 | -0.34 | 0.00 | 0.25 | 0.25 | 0.44 | 405000 0 | 260000 0 |
| 46.4747806 30 | 7.1245 45812 | 0.11 | -0.36 | 0.62 | 0.26 | 0.26 | 0.43 | 410000 0 | 260000 0 |
| 46.4902344 80 | 7.7747 11851 | 0.11 | -0.26 | 0.89 | 0.28 | 0.28 | 0.47 | 415000 0 | 260000 0 |
| 46.5017488 50 | 8.4251 75600 | 0.20 | -0.24 | 0.97 | 0.30 | 0.31 | 0.51 | 420000 0 | 260000 0 |
| 46.5093212 60 | 9.0758 50232 | 0.33 | -0.32 | 1.05 | 0.27 | 0.27 | 0.47 | 425000 0 | 260000 0 |
| 46.5129500 80 | 9.7266 48692 | 0.36 | -0.35 | 1.05 | 0.26 | 0.26 | 0.45 | 430000 0 | 260000 0 |
| 46.5126345 20 | 10.377 483790 | 0.38 | -0.21 | 0.86 | 0.26 | 0.27 | 0.45 | 435000 0 | 260000 0 |
| 46.5083746 50 | 11.028 268290 | 0.45 | -0.06 | 0.52 | 0.24 | 0.25 | 0.41 | 440000 0 | 260000 0 |
| 46.5001714 00 | 11.678 915030 | 0.45 | -0.07 | 0.15 | 0.22 | 0.23 | 0.38 | 445000 0 | 260000 0 |
| 46.4880265 20 | 12.329 336970 | 0.45 | -0.19 | -0.07 | 0.22 | 0.22 | 0.38 | 450000 0 | 260000 0 |
| 46.4719426 | 12.979 | 0.69 | -0.22 | -0.08 | 0.21 | 0.21 | 0.37 | 455000 | 260000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 50 | 447340 | | | | | | | 0 | 0 |
| 46.451923220 | 13.629159700 | 0.96 | -0.06 | -0.24 | 0.23 | 0.23 | 0.39 | 4600000 | 2600000 |
| 46.427972560 | 14.278388040 | 0.96 | 0.22 | -0.61 | 0.26 | 0.26 | 0.45 | 4650000 | 2600000 |
| 46.400095780 | 14.927046880 | 0.87 | 0.48 | -0.85 | 0.30 | 0.30 | 0.47 | 4700000 | 2600000 |
| 46.368298840 | 15.575051350 | 0.79 | 0.55 | -0.93 | 0.31 | 0.31 | 0.48 | 4750000 | 2600000 |
| 46.332588520 | 16.222317310 | 0.67 | 0.50 | -0.88 | 0.28 | 0.28 | 0.46 | 4800000 | 2600000 |
| 46.292972390 | 16.868761390 | 0.56 | 0.51 | -0.86 | 0.26 | 0.26 | 0.44 | 4850000 | 2600000 |
| 46.249458850 | 17.514301100 | 0.52 | 0.64 | -0.91 | 0.27 | 0.27 | 0.45 | 4900000 | 2600000 |
| 46.202057040 | 18.158854920 | 0.46 | 0.53 | -0.92 | 0.29 | 0.29 | 0.48 | 4950000 | 2600000 |
| 46.150776920 | 18.802342380 | 0.38 | 0.35 | -0.99 | 0.26 | 0.26 | 0.42 | 5000000 | 2600000 |
| 46.095629170 | 19.444684120 | 0.11 | 0.25 | -1.38 | 0.26 | 0.26 | 0.42 | 5050000 | 2600000 |
| 46.036625250 | 20.085802000 | -0.11 | 0.15 | -2.05 | 0.26 | 0.26 | 0.43 | 5100000 | 2600000 |
| 45.973777320 | 20.725619120 | -0.31 | -0.04 | -2.27 | 0.27 | 0.27 | 0.46 | 5150000 | 2600000 |
| 45.907098270 | 21.364059950 | -0.54 | -0.35 | -1.81 | 0.25 | 0.25 | 0.45 | 5200000 | 2600000 |
| 45.836601690 | 22.001050370 | -0.94 | -0.36 | -0.65 | 0.25 | 0.25 | 0.46 | 5250000 | 2600000 |
| 45.762301830 | 22.636517710 | -1.05 | -0.30 | -0.29 | 0.28 | 0.28 | 0.49 | 5300000 | 2600000 |
| 45.684213630 | 23.270390840 | -0.94 | -0.38 | -0.67 | 0.28 | 0.28 | 0.50 | 5350000 | 2600000 |
| 45.602352650 | 23.902600250 | -0.83 | -0.56 | -1.16 | 0.28 | 0.28 | 0.48 | 5400000 | 2600000 |
| 45.516735060 | 24.533078030 | -0.93 | -0.63 | -1.14 | 0.30 | 0.30 | 0.51 | 5450000 | 2600000 |
| 45.427377670 | 25.161758010 | -1.01 | -0.57 | -0.95 | 0.29 | 0.29 | 0.51 | 5500000 | 2600000 |
| 45.334297840 | 25.788575710 | -0.76 | -0.42 | -1.21 | 0.27 | 0.27 | 0.49 | 5550000 | 2600000 |
| 45.237513500 | 26.413468470 | -0.57 | -0.31 | -1.45 | 0.33 | 0.33 | 0.56 | 5600000 | 2600000 |
| 45.137043110 | 27.036375450 | -0.58 | -0.24 | -1.38 | 0.33 | 0.33 | 0.55 | 5650000 | 2600000 |
| 45.032905650 | 27.657237650 | -0.73 | -0.27 | -1.12 | 0.27 | 0.27 | 0.46 | 5700000 | 2600000 |
| 44.9251206 | 28.275 | -0.75 | -0.36 | -0.97 | 0.30 | 0.30 | 0.51 | 5750000 | 2600000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 00 | 997960 | | | | | | | 0 | 0 |
| 44.813707900 | 28.892601220 | -0.59 | -0.37 | -1.38 | 0.23 | 0.24 | 0.43 | 580000 | 260000 |
| 44.698687940 | 29.506994170 | -0.51 | -0.45 | -1.94 | 0.27 | 0.27 | 0.52 | 585000 | 260000 |
| 44.580081530 | 30.119125530 | -0.50 | -0.35 | -1.67 | 0.38 | 0.38 | 0.68 | 590000 | 260000 |
| 41.675147110 | 41.266337350 | 1.12 | -0.17 | -0.33 | 0.42 | 0.42 | 0.78 | 685000 | 260000 |
| 41.489633020 | 41.825538550 | 1.37 | 0.05 | 0.00 | 0.41 | 0.41 | 0.76 | 690000 | 260000 |
| 41.301027280 | 42.381858170 | 1.77 | 0.34 | 0.43 | 0.36 | 0.35 | 0.68 | 695000 | 260000 |
| 41.109354410 | 42.935287270 | 2.41 | 0.73 | 0.57 | 0.31 | 0.30 | 0.59 | 700000 | 260000 |
| 40.914638840 | 43.485818570 | 3.16 | 1.11 | 0.16 | 0.35 | 0.35 | 0.61 | 705000 | 260000 |
| 40.716904930 | 44.033446450 | 3.85 | 1.37 | -0.10 | 0.35 | 0.35 | 0.64 | 710000 | 260000 |
| 40.516176930 | 44.578166870 | 4.57 | 1.56 | -0.22 | 0.33 | 0.33 | 0.62 | 715000 | 260000 |
| 40.312479020 | 45.119977370 | 3.72 | 1.36 | -0.38 | 0.38 | 0.38 | 0.71 | 720000 | 260000 |
| 40.105835210 | 45.658877010 | 2.48 | 0.99 | -0.52 | 0.42 | 0.42 | 0.79 | 725000 | 260000 |
| 39.896269400 | 46.194866350 | 1.56 | 0.65 | -0.59 | 0.44 | 0.44 | 0.84 | 730000 | 260000 |
| 38.229248970 | -29.009498380 | 0.27 | -2.32 | -1.76 | 0.44 | 0.44 | 0.83 | 105000 | 255000 |
| 38.453851270 | -28.492194500 | 0.12 | -2.05 | -2.15 | 0.43 | 0.43 | 0.80 | 110000 | 255000 |
| 38.675672850 | -27.972077430 | -0.05 | -1.93 | -2.68 | 0.40 | 0.40 | 0.71 | 115000 | 255000 |
| 38.894691400 | -27.449139480 | -0.24 | -1.97 | -3.27 | 0.32 | 0.32 | 0.54 | 120000 | 255000 |
| 39.110884430 | -26.923374180 | -0.23 | -1.63 | -3.04 | 0.36 | 0.36 | 0.63 | 125000 | 255000 |
| 45.404130240 | -1.802051264 | 0.00 | -0.22 | -1.33 | 0.37 | 0.37 | 0.64 | 340000 | 255000 |
| 45.473362190 | -1.169818174 | -0.07 | -0.23 | -1.36 | 0.27 | 0.27 | 0.47 | 345000 | 255000 |
| 45.538808240 | -0.5361 | -0.16 | -0.18 | -1.24 | 0.23 | 0.23 | 0.41 | 350000 | 255000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 92112 | | | | | | | 0 | 0 |
| 45.6004553 50 | 0.0987 54779 | -0.16 | -0.30 | -1.15 | 0.26 | 0.26 | 0.45 | 355000 0 | 255000 0 |
| 45.6582911 90 | 0.7349 49026 | -0.14 | -0.32 | -1.11 | 0.26 | 0.26 | 0.46 | 360000 0 | 255000 0 |
| 45.7123040 80 | 1.3723 15889 | -0.10 | -0.20 | -1.07 | 0.24 | 0.24 | 0.44 | 365000 0 | 255000 0 |
| 45.7624831 00 | 2.0107 79429 | -0.06 | -0.10 | -1.02 | 0.28 | 0.28 | 0.49 | 370000 0 | 255000 0 |
| 45.8088180 10 | 2.6502 62578 | -0.08 | -0.05 | -0.95 | 0.25 | 0.26 | 0.44 | 375000 0 | 255000 0 |
| 45.8512993 30 | 3.2906 87212 | -0.10 | -0.05 | -1.00 | 0.24 | 0.24 | 0.42 | 380000 0 | 255000 0 |
| 45.8899183 30 | 3.9319 74227 | -0.08 | -0.06 | -1.23 | 0.28 | 0.28 | 0.47 | 385000 0 | 255000 0 |
| 45.9246670 30 | 4.5740 43616 | -0.09 | -0.05 | -1.35 | 0.24 | 0.24 | 0.42 | 390000 0 | 255000 0 |
| 45.9555382 40 | 5.2168 14549 | -0.07 | -0.10 | -1.06 | 0.26 | 0.26 | 0.46 | 395000 0 | 255000 0 |
| 45.9825255 30 | 5.8602 05456 | 0.01 | -0.24 | -0.42 | 0.25 | 0.25 | 0.44 | 400000 0 | 255000 0 |
| 46.0056232 80 | 6.5041 34109 | 0.02 | -0.40 | 0.37 | 0.25 | 0.25 | 0.44 | 405000 0 | 255000 0 |
| 46.0248266 70 | 7.1485 17708 | -0.09 | -0.47 | 0.96 | 0.24 | 0.24 | 0.40 | 410000 0 | 255000 0 |
| 46.0401316 60 | 7.7932 72966 | -0.10 | -0.42 | 1.04 | 0.28 | 0.28 | 0.45 | 415000 0 | 255000 0 |
| 46.0515350 50 | 8.4383 16203 | 0.04 | -0.42 | 0.94 | 0.24 | 0.24 | 0.41 | 420000 0 | 255000 0 |
| 46.0590344 40 | 9.0835 63427 | 0.21 | -0.39 | 0.69 | 0.24 | 0.24 | 0.41 | 425000 0 | 255000 0 |
| 46.0626282 60 | 9.7289 30427 | 0.28 | -0.29 | 0.33 | 0.25 | 0.25 | 0.43 | 430000 0 | 255000 0 |
| 46.0623157 40 | 10.374 332870 | 0.35 | -0.19 | 0.07 | 0.25 | 0.25 | 0.44 | 435000 0 | 255000 0 |
| 46.0580969 60 | 11.019 686370 | 0.55 | -0.12 | 0.04 | 0.24 | 0.25 | 0.41 | 440000 0 | 255000 0 |
| 46.0499728 00 | 11.664 906610 | 0.83 | -0.11 | -0.02 | 0.24 | 0.24 | 0.39 | 445000 0 | 255000 0 |
| 46.0379449 70 | 12.309 909410 | 1.28 | -0.23 | -0.47 | 0.20 | 0.21 | 0.35 | 450000 0 | 255000 0 |
| 46.0220160 00 | 12.954 610810 | 1.87 | -0.46 | -0.98 | 0.23 | 0.24 | 0.40 | 455000 0 | 255000 0 |
| 46.0021892 30 | 13.598 927210 | 2.08 | -0.45 | -1.04 | 0.23 | 0.23 | 0.40 | 460000 0 | 255000 0 |
| 45.9784688 10 | 14.242 775370 | 1.64 | -0.10 | -0.90 | 0.28 | 0.29 | 0.50 | 465000 0 | 255000 0 |
| 45.9508596 | 14.886 | 1.44 | 0.15 | -0.88 | 0.31 | 0.31 | 0.52 | 470000 | 255000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|-------------|
| 90 | 072590 | | | | | | | 0 | 0 |
| 45.9193676 30 | 15.528 736740 | 1.32 | 0.42 | -1.05 | 0.35 | 0.35 | 0.59 | 475000 0 | 255000 0 |
| 45.8839991 80 | 16.170 686360 | 1.21 | 0.63 | -1.07 | 0.34 | 0.34 | 0.57 | 480000 0 | 255000 0 |
| 45.8447616 50 | 16.811 840750 | 1.07 | 0.87 | -0.93 | 0.25 | 0.25 | 0.44 | 485000 0 | 255000 0 |
| 45.8016631 50 | 17.452 120040 | 0.82 | 0.92 | -0.85 | 0.24 | 0.24 | 0.40 | 490000 0 | 255000 0 |
| 45.7547125 20 | 18.091 445270 | 0.61 | 0.62 | -0.93 | 0.24 | 0.24 | 0.40 | 495000 0 | 255000 0 |
| 45.7039193 80 | 18.729 738490 | 0.32 | 0.34 | -1.06 | 0.23 | 0.23 | 0.38 | 500000 0 | 255000 0 |
| 45.6492940 60 | 19.366 922810 | 0.02 | 0.39 | -1.38 | 0.29 | 0.29 | 0.48 | 505000 0 | 255000 0 |
| 45.5908476 20 | 20.002 922470 | -0.28 | 0.34 | -1.82 | 0.30 | 0.30 | 0.50 | 510000 0 | 255000 0 |
| 45.5285918 30 | 20.637 662930 | -0.58 | 0.09 | -2.02 | 0.24 | 0.24 | 0.41 | 515000 0 | 255000 0 |
| 45.4625391 40 | 21.271 070930 | -0.72 | -0.30 | -1.71 | 0.27 | 0.27 | 0.48 | 520000 0 | 255000 0 |
| 45.3927027 00 | 21.903 074540 | -0.98 | -0.39 | -1.00 | 0.31 | 0.31 | 0.54 | 525000 0 | 255000 0 |
| 45.3190962 90 | 22.533 603250 | -1.18 | -0.52 | -0.64 | 0.33 | 0.33 | 0.57 | 530000 0 | 255000 0 |
| 45.2417343 50 | 23.162 587980 | -1.26 | -0.76 | -0.73 | 0.24 | 0.24 | 0.47 | 535000 0 | 255000 0 |
| 45.1606319 40 | 23.789 961200 | -1.12 | -0.85 | -1.03 | 0.26 | 0.26 | 0.47 | 540000 0 | 255000 0 |
| 45.0758047 00 | 24.415 656930 | -1.24 | -0.81 | -0.88 | 0.24 | 0.25 | 0.44 | 545000 0 | 255000 0 |
| 44.9872689 00 | 25.039 610800 | -1.37 | -0.69 | -0.61 | 0.28 | 0.28 | 0.49 | 550000 0 | 255000 0 |
| 44.8950413 40 | 25.661 760110 | -1.05 | -0.63 | -1.00 | 0.25 | 0.26 | 0.45 | 555000 0 | 255000 0 |
| 44.7991393 80 | 26.282 043860 | -0.64 | -0.49 | -1.48 | 0.29 | 0.29 | 0.50 | 560000 0 | 255000 0 |
| 44.6995808 80 | 26.900 402780 | -0.61 | -0.25 | -1.50 | 0.29 | 0.29 | 0.49 | 565000 0 | 255000 0 |
| 44.5963842 40 | 27.516 779370 | -0.90 | -0.17 | -1.16 | 0.24 | 0.24 | 0.40 | 570000 0 | 255000 0 |
| 44.4895683 10 | 28.131 117970 | -1.13 | -0.20 | -0.77 | 0.25 | 0.25 | 0.45 | 575000 0 | 255000 0 |
| 44.3791524 10 | 28.743 364710 | -0.72 | -0.28 | -1.08 | 0.20 | 0.21 | 0.39 | 580000 0 | 255000 0 |
| 44.2651563 10 | 29.353 467590 | -0.42 | -0.37 | -1.46 | 0.34 | 0.34 | 0.60 | 585000 0 | 255000 0 |
| 41.4477257 | 40.482 | 1.39 | -0.46 | -0.80 | 0.38 | 0.38 | 0.72 | 680000 | 255000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 70 | 906400 | | | | | | | 0 | 0 |
| 41.266753190 | 41.042154090 | 1.54 | -0.29 | -0.54 | 0.39 | 0.39 | 0.73 | 6850000 | 2550000 |
| 41.082677550 | 41.598605310 | 1.84 | 0.01 | -0.11 | 0.38 | 0.38 | 0.70 | 6900000 | 2550000 |
| 40.895522790 | 42.152249050 | 2.44 | 0.36 | 0.32 | 0.35 | 0.35 | 0.65 | 6950000 | 2550000 |
| 40.705312770 | 42.703075990 | 3.33 | 0.88 | 0.43 | 0.30 | 0.30 | 0.52 | 7000000 | 2550000 |
| 40.512071340 | 43.251078420 | 4.15 | 1.45 | 0.16 | 0.24 | 0.23 | 0.39 | 7050000 | 2550000 |
| 40.315822230 | 43.796250210 | 4.66 | 1.82 | -0.10 | 0.29 | 0.29 | 0.54 | 7100000 | 2550000 |
| 40.116589140 | 44.338586800 | 5.79 | 2.29 | -0.28 | 0.25 | 0.25 | 0.50 | 7150000 | 2550000 |
| 39.914395620 | 44.878085150 | 4.65 | 1.96 | -0.48 | 0.36 | 0.36 | 0.66 | 7200000 | 2550000 |
| 39.709265130 | 45.414743710 | 3.04 | 1.35 | -0.59 | 0.41 | 0.42 | 0.77 | 7250000 | 2550000 |
| 39.501220990 | 45.948562400 | 1.85 | 0.83 | -0.62 | 0.44 | 0.44 | 0.83 | 7300000 | 2550000 |
| 37.841936460 | -28.756047550 | 0.13 | -1.61 | -1.76 | 0.44 | 0.44 | 0.84 | 1050000 | 2500000 |
| 38.065001510 | -28.240518430 | 0.02 | -1.62 | -2.17 | 0.43 | 0.43 | 0.80 | 1100000 | 2500000 |
| 38.285291310 | -27.722240740 | -0.13 | -1.77 | -2.75 | 0.40 | 0.40 | 0.70 | 1150000 | 2500000 |
| 38.502784050 | -27.201207530 | -0.32 | -2.10 | -3.48 | 0.29 | 0.29 | 0.48 | 1200000 | 2500000 |
| 38.717457730 | -26.677413100 | -0.28 | -1.89 | -3.24 | 0.34 | 0.34 | 0.58 | 1250000 | 2500000 |
| 43.961890140 | -8.499978573 | 0.11 | -0.21 | -1.05 | 0.37 | 0.37 | 0.66 | 2850000 | 2500000 |
| 44.070758960 | -7.891685370 | 0.06 | -0.22 | -0.75 | 0.35 | 0.36 | 0.63 | 2900000 | 2500000 |
| 44.176052040 | -7.281371447 | 0.12 | -0.23 | -0.66 | 0.38 | 0.38 | 0.68 | 2950000 | 2500000 |
| 44.959862630 | -1.706893822 | 0.02 | -0.24 | -1.25 | 0.34 | 0.35 | 0.60 | 3400000 | 2500000 |
| 45.028453790 | -1.0795 | -0.01 | -0.25 | -1.34 | 0.24 | 0.24 | 0.44 | 3450000 | 2500000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 56301 | | | | | | | | |
| 45.0932922 20 | - 0.4508 69717 | -0.11 | -0.18 | -1.38 | 0.24 | 0.25 | 0.42 | 350000 | 250000 |
| 45.1543653 30 | 0.1790 95926 | -0.13 | -0.29 | -1.39 | 0.24 | 0.24 | 0.43 | 355000 | 250000 |
| 45.2116611 80 | 0.8102 69358 | -0.14 | -0.24 | -1.28 | 0.28 | 0.28 | 0.49 | 360000 | 250000 |
| 45.2651684 80 | 1.4425 78104 | -0.13 | -0.10 | -1.14 | 0.25 | 0.25 | 0.45 | 365000 | 250000 |
| 45.3148766 70 | 2.0759 48546 | -0.06 | -0.01 | -1.08 | 0.25 | 0.25 | 0.45 | 370000 | 250000 |
| 45.3607758 60 | 2.7103 05993 | -0.07 | -0.05 | -1.08 | 0.25 | 0.25 | 0.44 | 375000 | 250000 |
| 45.4028568 90 | 3.3455 74751 | -0.11 | -0.12 | -1.13 | 0.26 | 0.26 | 0.45 | 380000 | 250000 |
| 45.4411113 00 | 3.9816 78193 | -0.13 | -0.13 | -1.21 | 0.26 | 0.26 | 0.44 | 385000 | 250000 |
| 45.4755314 00 | 4.6185 38832 | -0.12 | -0.15 | -1.20 | 0.26 | 0.26 | 0.45 | 390000 | 250000 |
| 45.5061102 40 | 5.2560 78400 | -0.13 | -0.23 | -0.84 | 0.27 | 0.27 | 0.46 | 395000 | 250000 |
| 45.5328416 00 | 5.8942 17926 | -0.15 | -0.34 | -0.13 | 0.24 | 0.24 | 0.42 | 400000 | 250000 |
| 45.5557200 50 | 6.5328 77814 | -0.22 | -0.37 | 0.52 | 0.26 | 0.26 | 0.45 | 405000 | 250000 |
| 45.5747409 40 | 7.1719 77922 | -0.33 | -0.39 | 0.78 | 0.25 | 0.25 | 0.42 | 410000 | 250000 |
| 45.5899003 60 | 7.8114 37649 | -0.26 | -0.42 | 0.55 | 0.25 | 0.25 | 0.42 | 415000 | 250000 |
| 45.6011952 20 | 8.4511 76018 | 0.01 | -0.44 | 0.22 | 0.24 | 0.24 | 0.41 | 420000 | 250000 |
| 45.6086232 10 | 9.0911 11756 | 0.29 | -0.28 | -0.22 | 0.23 | 0.24 | 0.40 | 425000 | 250000 |
| 45.6121828 00 | 9.7311 63385 | 0.39 | -0.09 | -0.73 | 0.21 | 0.22 | 0.38 | 430000 | 250000 |
| 45.6118732 60 | 10.371 249300 | 0.57 | -0.09 | -0.90 | 0.25 | 0.25 | 0.43 | 435000 | 250000 |
| 45.6076946 60 | 11.011 287870 | 0.84 | -0.18 | -0.76 | 0.22 | 0.22 | 0.37 | 440000 | 250000 |
| 45.5996478 50 | 11.651 197500 | 1.15 | -0.17 | -0.76 | 0.22 | 0.23 | 0.38 | 445000 | 250000 |
| 45.5877344 80 | 12.290 896740 | 1.64 | -0.27 | -1.66 | 0.21 | 0.21 | 0.36 | 450000 | 250000 |
| 45.5719569 90 | 12.930 304360 | 2.17 | -0.40 | -2.15 | 0.27 | 0.27 | 0.45 | 455000 | 250000 |
| 45.5523186 20 | 13.569 339440 | 2.31 | -0.39 | -2.02 | 0.24 | 0.26 | 0.45 | 460000 | 250000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 45.528823370 | 14.207921440 | 1.97 | -0.13 | -1.51 | 0.28 | 0.31 | 0.54 | 4650000 | 2500000 |
| 45.501476020 | 14.845970310 | 1.83 | 0.15 | -1.30 | 0.34 | 0.35 | 0.62 | 4700000 | 2500000 |
| 45.470282150 | 15.483406540 | 1.89 | 0.47 | -1.40 | 0.35 | 0.35 | 0.65 | 4750000 | 2500000 |
| 45.435248070 | 16.120151260 | 1.88 | 0.78 | -1.49 | 0.35 | 0.34 | 0.64 | 4800000 | 2500000 |
| 45.396380860 | 16.756126340 | 1.59 | 0.90 | -1.37 | 0.34 | 0.34 | 0.60 | 4850000 | 2500000 |
| 45.353688340 | 17.391254420 | 1.19 | 0.85 | -1.23 | 0.30 | 0.29 | 0.52 | 4900000 | 2500000 |
| 45.307179080 | 18.025459000 | 0.89 | 0.71 | -1.36 | 0.30 | 0.29 | 0.51 | 4950000 | 2500000 |
| 45.256862350 | 18.658664570 | 0.59 | 0.63 | -1.60 | 0.30 | 0.30 | 0.51 | 5000000 | 2500000 |
| 45.202748150 | 19.290796580 | 0.17 | 0.73 | -1.72 | 0.26 | 0.26 | 0.46 | 5050000 | 2500000 |
| 45.144847170 | 19.921781610 | -0.28 | 0.69 | -1.70 | 0.27 | 0.27 | 0.45 | 5100000 | 2500000 |
| 45.083170780 | 20.551547360 | -0.59 | 0.40 | -1.65 | 0.27 | 0.27 | 0.46 | 5150000 | 2500000 |
| 45.017731050 | 21.180022760 | -0.78 | 0.13 | -1.43 | 0.27 | 0.27 | 0.47 | 5200000 | 2500000 |
| 44.948540660 | 21.807138020 | -1.06 | -0.07 | -1.01 | 0.29 | 0.29 | 0.49 | 5250000 | 2500000 |
| 44.875612970 | 22.432824690 | -1.43 | -0.61 | -0.80 | 0.31 | 0.31 | 0.53 | 5300000 | 2500000 |
| 44.798961930 | 23.057015680 | -1.56 | -0.98 | -0.88 | 0.29 | 0.29 | 0.50 | 5350000 | 2500000 |
| 44.718602110 | 23.679645380 | -1.42 | -0.92 | -1.01 | 0.30 | 0.30 | 0.52 | 5400000 | 2500000 |
| 44.634548670 | 24.300649660 | -1.41 | -0.67 | -0.76 | 0.28 | 0.29 | 0.48 | 5450000 | 2500000 |
| 44.546817320 | 24.919965930 | -1.47 | -0.62 | -0.38 | 0.27 | 0.28 | 0.47 | 5500000 | 2500000 |
| 44.455424350 | 25.537533180 | -1.17 | -0.70 | -0.68 | 0.28 | 0.29 | 0.49 | 5550000 | 2500000 |
| 44.360386550 | 26.153292020 | -0.80 | -0.70 | -1.23 | 0.22 | 0.23 | 0.42 | 5600000 | 2500000 |
| 44.261721240 | 26.767184740 | -0.67 | -0.27 | -1.36 | 0.25 | 0.25 | 0.43 | 5650000 | 2500000 |
| 44.159446210 | 27.379155310 | -0.88 | -0.16 | -1.06 | 0.21 | 0.21 | 0.36 | 5700000 | 2500000 |
| 44.053579750 | 27.989149420 | -0.89 | -0.23 | -0.85 | 0.29 | 0.29 | 0.49 | 5750000 | 2500000 |
| 43.944140570 | 28.597114530 | -0.49 | -0.45 | -1.09 | 0.21 | 0.21 | 0.41 | 5800000 | 2500000 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 43.831147810 | 29.202999850 | -0.39 | -0.38 | -1.21 | 0.35 | 0.35 | 0.62 | 5850000 | 2500000 |
| 42.657646365 | 34.554900361 | 0.48 | -0.47 | -1.52 | 0.40 | 0.40 | 0.72 | 6300000 | 2500000 |
| 42.510250028 | 35.137596969 | 0.57 | -0.46 | -1.76 | 0.37 | 0.37 | 0.65 | 6350000 | 2500000 |
| 42.359532919 | 35.717776307 | 0.57 | -0.55 | -1.68 | 0.38 | 0.38 | 0.67 | 6400000 | 2500000 |
| 41.386770820 | 39.144510350 | 1.43 | -0.60 | -0.83 | 0.38 | 0.38 | 0.68 | 6700000 | 2500000 |
| 41.213449100 | 39.706366760 | 1.68 | -0.58 | -0.88 | 0.31 | 0.31 | 0.61 | 6750000 | 2500000 |
| 41.036990850 | 40.265526580 | 1.82 | -0.64 | -0.97 | 0.31 | 0.31 | 0.62 | 6800000 | 2500000 |
| 40.857419370 | 40.821975230 | 1.91 | -0.42 | -0.60 | 0.35 | 0.35 | 0.66 | 6850000 | 2500000 |
| 40.674758000 | 41.375699780 | 2.29 | -0.08 | -0.13 | 0.32 | 0.31 | 0.61 | 6900000 | 2500000 |
| 40.489030030 | 41.926688930 | 3.19 | 0.23 | 0.25 | 0.32 | 0.32 | 0.60 | 6950000 | 2500000 |
| 40.300258750 | 42.474932990 | 3.99 | 0.61 | 0.45 | 0.32 | 0.32 | 0.57 | 7000000 | 2500000 |
| 40.108467390 | 43.020423850 | 3.96 | 1.01 | 0.48 | 0.31 | 0.31 | 0.52 | 7050000 | 2500000 |
| 39.913679120 | 43.563154950 | 4.30 | 1.70 | 0.15 | 0.32 | 0.31 | 0.55 | 7100000 | 2500000 |
| 39.715917040 | 44.103121240 | 5.18 | 2.57 | -0.39 | 0.32 | 0.31 | 0.58 | 7150000 | 2500000 |
| 39.515204130 | 44.640319150 | 5.11 | 2.57 | -0.70 | 0.35 | 0.35 | 0.65 | 7200000 | 2500000 |
| 39.311563300 | 45.174746580 | 3.30 | 1.59 | -0.66 | 0.41 | 0.41 | 0.75 | 7250000 | 2500000 |
| 39.105017310 | 45.706402830 | 1.96 | 0.92 | -0.63 | 0.43 | 0.44 | 0.81 | 7300000 | 2500000 |
| 43.299865370 | -9.559374859 | 0.09 | -0.24 | -1.12 | 0.41 | 0.41 | 0.74 | 2750000 | 2450000 |
| 43.414823080 | -8.959368179 | 0.19 | -0.30 | -1.33 | 0.35 | 0.36 | 0.63 | 2800000 | 2450000 |
| 43.526269350 | -8.357303188 | 0.28 | -0.31 | -1.48 | 0.21 | 0.26 | 0.43 | 2850000 | 2450000 |
| 43.634185280 | -7.753228023 | 0.05 | -0.28 | -0.69 | 0.20 | 0.22 | 0.39 | 2900000 | 2450000 |
| 43.738552370 | -7.147192537 | 0.19 | -0.36 | -0.64 | 0.30 | 0.30 | 0.50 | 2950000 | 2450000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 43.8393525 60 | - 6.5392 48279 | 0.34 | -0.39 | -0.67 | 0.32 | 0.32 | 0.54 | 300000 0 | 245000 0 |
| 43.9365682 00 | - 5.9294 48470 | 0.38 | -0.21 | -0.69 | 0.33 | 0.33 | 0.57 | 305000 0 | 245000 0 |
| 44.0301821 40 | - 5.3178 47976 | 0.27 | -0.08 | -0.82 | 0.37 | 0.37 | 0.64 | 310000 0 | 245000 0 |
| 44.5153312 40 | - 1.6137 01948 | 0.02 | -0.25 | -1.09 | 0.31 | 0.31 | 0.54 | 340000 0 | 245000 0 |
| 44.5832951 90 | - 0.9911 63863 | 0.01 | -0.23 | -1.13 | 0.25 | 0.25 | 0.42 | 345000 0 | 245000 0 |
| 44.6475389 30 | - 0.3673 18933 | -0.05 | -0.12 | -1.32 | 0.24 | 0.24 | 0.41 | 350000 0 | 245000 0 |
| 44.7080502 90 | 0.2577 64901 | -0.06 | -0.19 | -1.48 | 0.27 | 0.27 | 0.47 | 355000 0 | 245000 0 |
| 44.7648177 00 | 0.8840 18496 | -0.10 | -0.16 | -1.46 | 0.26 | 0.26 | 0.47 | 360000 0 | 245000 0 |
| 44.8178302 80 | 1.5113 71556 | -0.07 | -0.04 | -1.34 | 0.28 | 0.28 | 0.48 | 365000 0 | 245000 0 |
| 44.8670777 80 | 2.1397 52702 | 0.03 | -0.05 | -1.26 | 0.25 | 0.26 | 0.45 | 370000 0 | 245000 0 |
| 44.9125506 60 | 2.7690 89531 | 0.02 | -0.18 | -1.19 | 0.28 | 0.28 | 0.48 | 375000 0 | 245000 0 |
| 44.9542400 60 | 3.3993 08686 | -0.03 | -0.23 | -1.18 | 0.26 | 0.26 | 0.44 | 380000 0 | 245000 0 |
| 44.9921378 00 | 4.0303 35921 | -0.05 | -0.16 | -1.15 | 0.26 | 0.26 | 0.45 | 385000 0 | 245000 0 |
| 45.0262364 60 | 4.6620 96176 | -0.04 | -0.17 | -1.07 | 0.26 | 0.26 | 0.46 | 390000 0 | 245000 0 |
| 45.0565292 90 | 5.2945 13645 | -0.08 | -0.30 | -0.74 | 0.25 | 0.25 | 0.44 | 395000 0 | 245000 0 |
| 45.0830103 00 | 5.9275 11853 | -0.19 | -0.38 | -0.11 | 0.23 | 0.23 | 0.41 | 400000 0 | 245000 0 |
| 45.1056742 50 | 6.5610 13731 | -0.30 | -0.28 | 0.40 | 0.25 | 0.25 | 0.44 | 405000 0 | 245000 0 |
| 45.1245166 30 | 7.1949 41694 | -0.32 | -0.15 | 0.38 | 0.26 | 0.25 | 0.44 | 410000 0 | 245000 0 |
| 45.1395336 70 | 7.8292 17719 | -0.17 | -0.15 | -0.02 | 0.24 | 0.24 | 0.40 | 415000 0 | 245000 0 |
| 45.1507223 90 | 8.4637 63421 | 0.18 | -0.19 | -0.42 | 0.24 | 0.25 | 0.42 | 420000 0 | 245000 0 |
| 45.1580805 40 | 9.0985 00141 | 0.45 | -0.10 | -0.72 | 0.25 | 0.25 | 0.43 | 425000 0 | 245000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 45.1616066 60 | 9.7333 49020 | 0.66 | 0.05 | -1.05 | 0.25 | 0.26 | 0.44 | 430000 0 | 245000 0 |
| 45.1613000 30 | 10.368 231080 | 1.05 | 0.07 | -1.29 | 0.26 | 0.26 | 0.44 | 435000 0 | 245000 0 |
| 45.1571607 20 | 11.003 067320 | 1.51 | 0.01 | -1.47 | 0.23 | 0.23 | 0.39 | 440000 0 | 245000 0 |
| 45.1491895 60 | 11.637 778770 | 1.60 | 0.06 | -1.96 | 0.25 | 0.25 | 0.42 | 445000 0 | 245000 0 |
| 45.1373881 40 | 12.272 286610 | 1.62 | 0.05 | -2.79 | 0.24 | 0.25 | 0.43 | 450000 0 | 245000 0 |
| 45.1217588 20 | 12.906 512200 | 1.97 | 0.02 | -2.67 | 0.32 | 0.32 | 0.55 | 455000 0 | 245000 0 |
| 45.1023047 20 | 13.540 377220 | 2.07 | 0.05 | -2.34 | 0.31 | 0.32 | 0.56 | 460000 0 | 245000 0 |
| 45.0790297 20 | 14.173 803720 | 2.05 | 0.13 | -1.81 | 0.36 | 0.37 | 0.64 | 465000 0 | 245000 0 |
| 45.0519384 40 | 14.806 714170 | 2.06 | 0.29 | -1.55 | 0.38 | 0.38 | 0.68 | 470000 0 | 245000 0 |
| 45.0210362 60 | 15.439 031610 | 2.23 | 0.56 | -1.62 | 0.37 | 0.36 | 0.67 | 475000 0 | 245000 0 |
| 44.9863292 80 | 16.070 679650 | 2.38 | 0.87 | -1.79 | 0.34 | 0.33 | 0.66 | 480000 0 | 245000 0 |
| 44.9478243 50 | 16.701 582620 | 2.08 | 0.99 | -1.77 | 0.35 | 0.35 | 0.65 | 485000 0 | 245000 0 |
| 44.9055290 30 | 17.331 665570 | 1.64 | 0.96 | -1.79 | 0.35 | 0.35 | 0.63 | 490000 0 | 245000 0 |
| 44.8594516 00 | 17.960 854400 | 1.36 | 0.95 | -2.07 | 0.33 | 0.32 | 0.60 | 495000 0 | 245000 0 |
| 44.8096010 20 | 18.589 075890 | 1.16 | 1.02 | -2.39 | 0.31 | 0.30 | 0.57 | 500000 0 | 245000 0 |
| 44.7559869 60 | 19.216 257800 | 0.73 | 1.10 | -2.27 | 0.28 | 0.28 | 0.49 | 505000 0 | 245000 0 |
| 44.6986197 70 | 19.842 328930 | 0.12 | 1.00 | -1.88 | 0.25 | 0.25 | 0.43 | 510000 0 | 245000 0 |
| 44.6375104 40 | 20.467 219160 | -0.42 | 0.75 | -1.40 | 0.25 | 0.25 | 0.43 | 515000 0 | 245000 0 |
| 44.5726706 30 | 21.090 859520 | -0.76 | 0.70 | -0.98 | 0.27 | 0.27 | 0.46 | 520000 0 | 245000 0 |
| 44.5041126 20 | 21.713 182290 | -1.12 | 0.41 | -0.70 | 0.28 | 0.28 | 0.47 | 525000 0 | 245000 0 |
| 44.4318493 30 | 22.334 121000 | -1.61 | -0.35 | -0.67 | 0.27 | 0.27 | 0.46 | 530000 0 | 245000 0 |
| 44.3558942 60 | 22.953 610490 | -1.79 | -0.86 | -0.91 | 0.28 | 0.28 | 0.47 | 535000 0 | 245000 0 |
| 44.2762615 20 | 23.571 587020 | -1.62 | -0.84 | -1.11 | 0.26 | 0.26 | 0.44 | 540000 0 | 245000 0 |
| 44.1929657 60 | 24.187 988230 | -1.38 | -0.47 | -0.81 | 0.28 | 0.28 | 0.47 | 545000 0 | 245000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 44.1060222 20 | 24.802 753260 | -1.24 | -0.40 | -0.50 | 0.29 | 0.29 | 0.49 | 550000 0 | 245000 0 |
| 44.0154466 40 | 25.415 822750 | -1.14 | -0.51 | -0.55 | 0.25 | 0.25 | 0.43 | 555000 0 | 245000 0 |
| 43.9212552 90 | 26.027 138890 | -1.08 | -0.37 | -0.82 | 0.23 | 0.23 | 0.40 | 560000 0 | 245000 0 |
| 43.8234649 60 | 26.636 645460 | -1.00 | -0.27 | -0.89 | 0.26 | 0.26 | 0.45 | 565000 0 | 245000 0 |
| 43.7220928 70 | 27.244 287840 | -0.94 | -0.34 | -0.79 | 0.29 | 0.29 | 0.49 | 570000 0 | 245000 0 |
| 43.6171567 40 | 27.850 013100 | -0.70 | -0.20 | -0.79 | 0.23 | 0.23 | 0.42 | 575000 0 | 245000 0 |
| 43.5086747 00 | 28.453 769940 | -0.66 | -0.20 | -0.95 | 0.23 | 0.23 | 0.43 | 580000 0 | 245000 0 |
| 43.3966653 20 | 29.055 508790 | -0.52 | -0.35 | -1.02 | 0.36 | 0.36 | 0.65 | 585000 0 | 245000 0 |
| 42.5154716 10 | 33.207 377410 | 0.48 | -0.55 | -1.10 | 0.40 | 0.40 | 0.72 | 620000 0 | 245000 0 |
| 42.3759551 60 | 33.791 396910 | 0.63 | -0.71 | -1.34 | 0.39 | 0.38 | 0.71 | 625000 0 | 245000 0 |
| 42.2330938 70 | 34.373 031150 | 0.65 | -0.80 | -1.65 | 0.37 | 0.37 | 0.66 | 630000 0 | 245000 0 |
| 42.0869093 80 | 34.952 248240 | 0.78 | -0.77 | -2.10 | 0.25 | 0.25 | 0.43 | 635000 0 | 245000 0 |
| 41.9374234 90 | 35.529 018020 | 0.77 | -1.08 | -1.88 | 0.31 | 0.31 | 0.53 | 640000 0 | 245000 0 |
| 41.7846582 10 | 36.103 312140 | 0.65 | -1.11 | -1.42 | 0.37 | 0.37 | 0.67 | 645000 0 | 245000 0 |
| 41.6286356 70 | 36.675 104000 | 0.64 | -0.82 | -1.15 | 0.39 | 0.38 | 0.71 | 650000 0 | 245000 0 |
| 41.4693781 60 | 37.244 368710 | 0.81 | -0.71 | -0.99 | 0.41 | 0.41 | 0.73 | 655000 0 | 245000 0 |
| 41.3069080 80 | 37.811 083150 | 1.18 | -0.73 | -0.88 | 0.38 | 0.38 | 0.68 | 660000 0 | 245000 0 |
| 41.1412479 30 | 38.375 225900 | 1.77 | -0.87 | -0.83 | 0.29 | 0.29 | 0.50 | 665000 0 | 245000 0 |
| 40.9724202 90 | 38.936 777230 | 1.75 | -0.78 | -0.76 | 0.33 | 0.33 | 0.58 | 670000 0 | 245000 0 |
| 40.8004478 00 | 39.495 719100 | 1.74 | -0.69 | -0.73 | 0.30 | 0.30 | 0.57 | 675000 0 | 245000 0 |
| 40.6253531 30 | 40.052 035120 | 1.77 | -0.59 | -0.63 | 0.31 | 0.31 | 0.60 | 680000 0 | 245000 0 |
| 40.4471590 10 | 40.605 710530 | 1.99 | -0.42 | -0.27 | 0.34 | 0.34 | 0.62 | 685000 0 | 245000 0 |
| 40.2658881 50 | 41.156 732190 | 2.69 | -0.31 | 0.29 | 0.31 | 0.31 | 0.55 | 690000 0 | 245000 0 |
| 40.0815632 70 | 41.705 088530 | 3.85 | -0.10 | 0.54 | 0.30 | 0.30 | 0.54 | 695000 0 | 245000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 39.8942070 40 | 42.250 769550 | 4.54 | 0.21 | 0.53 | 0.29 | 0.30 | 0.56 | 700000 0 | 245000 0 |
| 39.7038421 40 | 42.793 766790 | 3.62 | 0.43 | 0.73 | 0.26 | 0.26 | 0.48 | 705000 0 | 245000 0 |
| 39.5104911 40 | 43.334 073280 | 3.80 | 1.09 | 0.36 | 0.31 | 0.31 | 0.55 | 710000 0 | 245000 0 |
| 39.3141765 80 | 43.871 683530 | 4.73 | 1.92 | -0.27 | 0.35 | 0.35 | 0.61 | 715000 0 | 245000 0 |
| 39.1149209 00 | 44.406 593490 | 4.62 | 2.19 | -0.65 | 0.36 | 0.37 | 0.64 | 720000 0 | 245000 0 |
| 38.9127464 50 | 44.938 800540 | 3.01 | 1.42 | -0.62 | 0.41 | 0.42 | 0.74 | 725000 0 | 245000 0 |
| 38.7076754 50 | 45.468 303440 | 1.81 | 0.84 | -0.59 | 0.44 | 0.44 | 0.80 | 730000 0 | 245000 0 |
| 38.4997300 20 | 45.995 102290 | 1.06 | 0.48 | -0.58 | 0.44 | 0.44 | 0.84 | 735000 0 | 245000 0 |
| 37.9270799 60 | - 26.197 628330 | -0.20 | -2.71 | -2.60 | 0.36 | 0.36 | 0.61 | 125000 0 | 240000 0 |
| 38.1359560 60 | - 25.675 124430 | -0.14 | -2.56 | -2.53 | 0.34 | 0.34 | 0.57 | 130000 0 | 240000 0 |
| 38.3419839 50 | - 25.149 981960 | -0.08 | -1.65 | -2.21 | 0.39 | 0.39 | 0.68 | 135000 0 | 240000 0 |
| 42.8657406 00 | - 9.4114 03671 | 0.07 | -0.34 | -1.09 | 0.38 | 0.38 | 0.67 | 275000 0 | 240000 0 |
| 42.9797131 50 | - 8.8154 22826 | 0.17 | -0.45 | -1.20 | 0.27 | 0.28 | 0.47 | 280000 0 | 240000 0 |
| 43.0901996 00 | - 8.2174 44208 | 0.33 | -0.42 | -1.30 | 0.26 | 0.27 | 0.45 | 285000 0 | 240000 0 |
| 43.1971816 20 | - 7.6175 14844 | 0.25 | -0.26 | -0.98 | 0.22 | 0.23 | 0.40 | 290000 0 | 240000 0 |
| 43.3006412 90 | - 7.0156 83406 | 0.13 | -0.40 | -0.90 | 0.20 | 0.21 | 0.35 | 295000 0 | 240000 0 |
| 43.4005610 90 | - 6.4120 00190 | 0.33 | -0.55 | -0.86 | 0.23 | 0.23 | 0.37 | 300000 0 | 240000 0 |
| 43.4969239 30 | - 5.8065 17087 | 0.51 | -0.26 | -0.68 | 0.17 | 0.17 | 0.29 | 305000 0 | 240000 0 |
| 43.5897131 70 | - 5.1992 87565 | 0.32 | -0.04 | -0.81 | 0.27 | 0.27 | 0.45 | 310000 0 | 240000 0 |
| 43.6789126 | - | 0.17 | -0.08 | -1.11 | 0.32 | 0.32 | 0.53 | 315000 | 240000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 60 | 4.5903 66632 | | | | | | | 0 | 0 |
| 43.7645067 00 | - 3.9798 10808 | 0.08 | -0.14 | -1.41 | 0.32 | 0.32 | 0.55 | 320000 0 | 240000 0 |
| 43.8464801 30 | - 3.3676 78087 | 0.01 | -0.19 | -1.44 | 0.35 | 0.35 | 0.60 | 325000 0 | 240000 0 |
| 43.9248182 90 | - 2.7540 27899 | -0.02 | -0.20 | -1.33 | 0.38 | 0.38 | 0.65 | 330000 0 | 240000 0 |
| 43.9995070 70 | - 2.1389 21071 | -0.02 | -0.18 | -1.19 | 0.37 | 0.37 | 0.62 | 335000 0 | 240000 0 |
| 44.0705329 10 | - 1.5224 19783 | -0.05 | -0.18 | -0.96 | 0.30 | 0.30 | 0.51 | 340000 0 | 240000 0 |
| 44.1378828 30 | - 0.9045 87519 | -0.07 | -0.12 | -0.88 | 0.25 | 0.25 | 0.43 | 345000 0 | 240000 0 |
| 44.2015444 30 | - 0.2854 89019 | -0.02 | -0.08 | -1.14 | 0.26 | 0.26 | 0.45 | 350000 0 | 240000 0 |
| 44.2615059 20 | 0.3348 09770 | -0.02 | -0.13 | -1.41 | 0.26 | 0.26 | 0.46 | 355000 0 | 240000 0 |
| 44.3177561 40 | 0.9562 41752 | -0.08 | -0.09 | -1.47 | 0.27 | 0.27 | 0.47 | 360000 0 | 240000 0 |
| 44.3702845 30 | 1.5787 38736 | -0.05 | -0.08 | -1.39 | 0.28 | 0.28 | 0.48 | 365000 0 | 240000 0 |
| 44.4190812 00 | 2.2022 31499 | 0.03 | -0.19 | -1.24 | 0.29 | 0.29 | 0.50 | 370000 0 | 240000 0 |
| 44.4641369 00 | 2.8266 49843 | 0.05 | -0.31 | -1.07 | 0.27 | 0.27 | 0.47 | 375000 0 | 240000 0 |
| 44.5054430 80 | 3.4519 22658 | -0.01 | -0.27 | -0.96 | 0.27 | 0.27 | 0.46 | 380000 0 | 240000 0 |
| 44.5429918 40 | 4.0779 77992 | -0.04 | -0.15 | -0.94 | 0.28 | 0.28 | 0.47 | 385000 0 | 240000 0 |
| 44.5767759 70 | 4.7047 43118 | -0.05 | -0.16 | -0.96 | 0.27 | 0.27 | 0.47 | 390000 0 | 240000 0 |
| 44.6067889 80 | 5.3321 44595 | -0.11 | -0.28 | -0.73 | 0.27 | 0.27 | 0.48 | 395000 0 | 240000 0 |
| 44.6330250 80 | 5.9601 08352 | -0.22 | -0.33 | -0.25 | 0.27 | 0.27 | 0.49 | 400000 0 | 240000 0 |
| 44.6554791 70 | 6.5885 59747 | -0.26 | -0.18 | 0.13 | 0.23 | 0.23 | 0.45 | 405000 0 | 240000 0 |
| 44.6741469 10 | 7.2174 23650 | -0.22 | 0.03 | 0.01 | 0.27 | 0.27 | 0.48 | 410000 0 | 240000 0 |
| 44.6890246 70 | 7.8466 24514 | -0.08 | 0.09 | -0.31 | 0.25 | 0.25 | 0.43 | 415000 0 | 240000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 44.7001095 50 | 8.4760 86449 | 0.16 | -0.02 | -0.57 | 0.25 | 0.26 | 0.43 | 420000 0 | 240000 0 |
| 44.7073993 80 | 9.1057 33302 | 0.35 | -0.03 | -0.74 | 0.24 | 0.25 | 0.42 | 425000 0 | 240000 0 |
| 44.7108927 50 | 9.7354 88731 | 0.64 | 0.12 | -1.00 | 0.27 | 0.28 | 0.47 | 430000 0 | 240000 0 |
| 44.7105889 70 | 10.365 276280 | 1.35 | 0.28 | -1.18 | 0.23 | 0.24 | 0.41 | 435000 0 | 240000 0 |
| 44.7064881 00 | 10.995 019480 | 2.17 | 0.35 | -1.45 | 0.25 | 0.26 | 0.43 | 440000 0 | 240000 0 |
| 44.6985909 50 | 11.624 641870 | 2.46 | 0.46 | -2.18 | 0.23 | 0.23 | 0.39 | 445000 0 | 240000 0 |
| 44.6868990 50 | 12.254 067140 | 2.11 | 0.50 | -2.97 | 0.24 | 0.25 | 0.44 | 450000 0 | 240000 0 |
| 44.6714146 80 | 12.883 219190 | 2.24 | 0.46 | -2.43 | 0.34 | 0.34 | 0.59 | 455000 0 | 240000 0 |
| 44.6521408 50 | 13.512 022150 | 2.29 | 0.43 | -1.94 | 0.37 | 0.38 | 0.65 | 460000 0 | 240000 0 |
| 44.6290813 30 | 14.140 400560 | 2.26 | 0.40 | -1.58 | 0.39 | 0.39 | 0.67 | 465000 0 | 240000 0 |
| 44.6022405 70 | 14.768 279360 | 2.30 | 0.41 | -1.44 | 0.37 | 0.37 | 0.65 | 470000 0 | 240000 0 |
| 44.5716237 70 | 15.395 583980 | 2.39 | 0.51 | -1.49 | 0.36 | 0.35 | 0.62 | 475000 0 | 240000 0 |
| 44.5372368 40 | 16.022 240460 | 2.35 | 0.74 | -1.63 | 0.37 | 0.37 | 0.66 | 480000 0 | 240000 0 |
| 44.4990864 00 | 16.648 175460 | 2.24 | 0.98 | -1.80 | 0.37 | 0.37 | 0.68 | 485000 0 | 240000 0 |
| 44.4571797 50 | 17.273 316370 | 2.04 | 1.15 | -2.04 | 0.35 | 0.34 | 0.64 | 490000 0 | 240000 0 |
| 44.4115248 90 | 17.897 591380 | 1.67 | 1.13 | -2.36 | 0.31 | 0.31 | 0.60 | 495000 0 | 240000 0 |
| 44.3621305 10 | 18.520 929510 | 1.48 | 1.18 | -2.63 | 0.28 | 0.28 | 0.56 | 500000 0 | 240000 0 |
| 44.3090059 40 | 19.143 260720 | 1.03 | 1.04 | -2.37 | 0.29 | 0.29 | 0.53 | 505000 0 | 240000 0 |
| 44.2521612 00 | 19.764 515940 | 0.44 | 0.90 | -1.90 | 0.24 | 0.24 | 0.43 | 510000 0 | 240000 0 |
| 44.1916069 20 | 20.384 627170 | -0.25 | 0.96 | -1.16 | 0.26 | 0.26 | 0.46 | 515000 0 | 240000 0 |
| 44.1273543 80 | 21.003 527470 | -0.73 | 1.21 | -0.47 | 0.24 | 0.24 | 0.43 | 520000 0 | 240000 0 |
| 44.0594154 60 | 21.621 151100 | -1.14 | 0.85 | -0.28 | 0.30 | 0.30 | 0.50 | 525000 0 | 240000 0 |
| 43.9878026 70 | 22.237 433500 | -1.54 | 0.28 | -0.40 | 0.25 | 0.25 | 0.42 | 530000 0 | 240000 0 |
| 43.9125290 60 | 22.852 311410 | -1.85 | -0.44 | -0.85 | 0.24 | 0.24 | 0.42 | 535000 0 | 240000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 43.833608300 | 23.465722860 | -1.70 | -0.42 | -0.95 | 0.27 | 0.27 | 0.48 | 5400000 | 2400000 |
| 43.751054570 | 24.077607230 | -1.36 | -0.13 | -0.67 | 0.24 | 0.25 | 0.42 | 5450000 | 2400000 |
| 43.664882630 | 24.687905330 | -1.07 | -0.18 | -0.65 | 0.25 | 0.25 | 0.43 | 5500000 | 2400000 |
| 43.575107710 | 25.296559400 | -1.07 | -0.14 | -0.83 | 0.26 | 0.26 | 0.44 | 5550000 | 2400000 |
| 43.481745590 | 25.903513150 | -1.28 | 0.04 | -0.90 | 0.25 | 0.25 | 0.41 | 5600000 | 2400000 |
| 43.384812510 | 26.508711820 | -1.37 | -0.29 | -0.72 | 0.26 | 0.26 | 0.45 | 5650000 | 2400000 |
| 43.284325180 | 27.112102200 | -1.26 | -0.80 | -0.55 | 0.26 | 0.26 | 0.47 | 5700000 | 2400000 |
| 43.180300740 | 27.713632650 | -1.08 | -0.53 | -0.61 | 0.25 | 0.25 | 0.44 | 5750000 | 2400000 |
| 43.072756800 | 28.313253120 | -0.99 | -0.43 | -0.73 | 0.29 | 0.28 | 0.51 | 5800000 | 2400000 |
| 42.961711330 | 28.910915210 | -0.76 | -0.45 | -0.83 | 0.38 | 0.38 | 0.68 | 5850000 | 2400000 |
| 42.222960880 | 32.453260410 | 0.42 | -0.64 | -0.88 | 0.36 | 0.36 | 0.63 | 6150000 | 2400000 |
| 42.087938860 | 33.035998660 | 0.71 | -0.74 | -0.99 | 0.33 | 0.32 | 0.56 | 6200000 | 2400000 |
| 41.949571650 | 33.616451710 | 0.89 | -1.12 | -1.25 | 0.34 | 0.31 | 0.62 | 6250000 | 2400000 |
| 41.807880030 | 34.194586420 | 0.72 | -1.34 | -1.48 | 0.35 | 0.34 | 0.62 | 6300000 | 2400000 |
| 41.662885030 | 34.770371310 | 0.45 | -1.73 | -1.69 | 0.29 | 0.28 | 0.54 | 6350000 | 2400000 |
| 41.514607840 | 35.343776670 | 0.82 | -2.45 | -1.49 | 0.31 | 0.31 | 0.57 | 6400000 | 2400000 |
| 41.363069840 | 35.914774440 | 0.86 | -2.15 | -1.19 | 0.33 | 0.32 | 0.61 | 6450000 | 2400000 |
| 41.208292560 | 36.483338290 | 0.75 | -1.20 | -1.04 | 0.34 | 0.33 | 0.63 | 6500000 | 2400000 |
| 41.050297670 | 37.049443550 | 0.85 | -0.88 | -0.89 | 0.40 | 0.40 | 0.68 | 6550000 | 2400000 |
| 40.889106960 | 37.613067240 | 1.17 | -0.80 | -0.79 | 0.38 | 0.38 | 0.64 | 6600000 | 2400000 |
| 40.724742320 | 38.174188020 | 1.67 | -0.87 | -0.68 | 0.30 | 0.30 | 0.50 | 6650000 | 2400000 |
| 40.557225720 | 38.732786190 | 1.59 | -0.78 | -0.58 | 0.34 | 0.34 | 0.57 | 6700000 | 2400000 |
| 40.386579200 | 39.288843680 | 1.45 | -0.72 | -0.54 | 0.31 | 0.31 | 0.59 | 6750000 | 2400000 |
| 40.212824850 | 39.842344030 | 1.50 | -0.53 | -0.46 | 0.31 | 0.31 | 0.60 | 6800000 | 2400000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 40.0359847 90 | 40.393 272330 | 1.87 | -0.40 | -0.12 | 0.33 | 0.33 | 0.61 | 685000 0 | 240000 0 |
| 39.8560811 60 | 40.941 615270 | 2.75 | -0.47 | 0.49 | 0.29 | 0.29 | 0.51 | 690000 0 | 240000 0 |
| 39.6731360 70 | 41.487 361060 | 3.95 | -0.41 | 0.56 | 0.30 | 0.30 | 0.51 | 695000 0 | 240000 0 |
| 39.4871716 50 | 42.030 499410 | 4.29 | -0.15 | 0.32 | 0.34 | 0.35 | 0.61 | 700000 0 | 240000 0 |
| 39.2982099 90 | 42.571 021540 | 3.47 | 0.21 | 0.35 | 0.37 | 0.37 | 0.63 | 705000 0 | 240000 0 |
| 39.1062731 20 | 43.108 920120 | 3.35 | 0.65 | 0.16 | 0.38 | 0.38 | 0.64 | 710000 0 | 240000 0 |
| 38.9113830 10 | 43.644 189260 | 3.86 | 1.04 | -0.17 | 0.37 | 0.37 | 0.60 | 715000 0 | 240000 0 |
| 38.7135615 60 | 44.176 824490 | 16.21 | -4.14 | -0.44 | 0.41 | 0.33 | 0.59 | 720000 0 | 240000 0 |
| 38.5128305 80 | 44.706 822690 | 16.99 | -5.17 | -0.47 | 0.49 | 0.40 | 0.69 | 725000 0 | 240000 0 |
| 38.3092117 70 | 45.234 182110 | 17.31 | -5.63 | -0.49 | 0.54 | 0.43 | 0.77 | 730000 0 | 240000 0 |
| 38.1027267 30 | 45.758 902330 | 17.62 | -5.74 | -0.51 | 0.58 | 0.44 | 0.82 | 735000 0 | 240000 0 |
| 37.8933969 00 | 46.280 984210 | 18.02 | -5.68 | -0.55 | 0.61 | 0.45 | 0.85 | 740000 0 | 240000 0 |
| 37.5301622 30 | - 25.963 645570 | -0.25 | -3.27 | -2.38 | 0.33 | 0.33 | 0.55 | 125000 0 | 235000 0 |
| 37.7375936 70 | - 25.443 158470 | -0.14 | -3.17 | -2.55 | 0.18 | 0.19 | 0.30 | 130000 0 | 235000 0 |
| 37.9421848 00 | - 24.920 095640 | -0.09 | -1.90 | -2.21 | 0.34 | 0.34 | 0.58 | 135000 0 | 235000 0 |
| 42.4311302 60 | - 9.2663 09345 | 0.01 | -0.46 | -1.05 | 0.34 | 0.34 | 0.59 | 275000 0 | 235000 0 |
| 42.5441369 30 | - 8.6742 87748 | 0.09 | -0.58 | -1.05 | 0.25 | 0.25 | 0.42 | 280000 0 | 235000 0 |
| 42.6536824 60 | - 8.0803 26811 | 0.34 | -0.57 | -1.14 | 0.21 | 0.23 | 0.39 | 285000 0 | 235000 0 |
| 42.7597490 70 | - 7.4844 72476 | 0.17 | -0.36 | -1.12 | 0.27 | 0.27 | 0.46 | 290000 0 | 235000 0 |
| 42.8623193 90 | - 6.8867 72257 | -0.10 | -0.38 | -1.10 | 0.27 | 0.27 | 0.46 | 295000 0 | 235000 0 |
| 42.9613764 30 | - 6.2872 | -0.16 | -0.52 | -1.01 | 0.23 | 0.23 | 0.38 | 300000 0 | 235000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 75223 | | | | | | | | |
| 43.0569036 40 | - 5.6860 31974 | 0.19 | -0.46 | -0.81 | 0.23 | 0.24 | 0.40 | 305000 0 | 235000 0 |
| 43.1488848 90 | - 5.0830 94614 | 0.31 | -0.37 | -0.79 | 0.23 | 0.23 | 0.39 | 310000 0 | 235000 0 |
| 43.2373045 20 | - 4.4785 16722 | 0.21 | -0.29 | -1.12 | 0.21 | 0.21 | 0.36 | 315000 0 | 235000 0 |
| 43.3221473 40 | - 3.8723 53320 | 0.07 | -0.32 | -1.50 | 0.20 | 0.20 | 0.32 | 320000 0 | 235000 0 |
| 43.4033986 50 | - 3.2646 60842 | -0.05 | -0.34 | -1.49 | 0.23 | 0.23 | 0.39 | 325000 0 | 235000 0 |
| 43.4810442 60 | - 2.6554 97091 | -0.08 | -0.27 | -1.38 | 0.29 | 0.29 | 0.48 | 330000 0 | 235000 0 |
| 43.5550705 10 | - 2.0449 21204 | -0.05 | -0.17 | -1.28 | 0.29 | 0.29 | 0.48 | 335000 0 | 235000 0 |
| 43.6254642 80 | - 1.4329 93611 | -0.09 | -0.07 | -1.02 | 0.27 | 0.27 | 0.45 | 340000 0 | 235000 0 |
| 43.6922129 80 | - 0.8197 75985 | -0.14 | -0.01 | -0.81 | 0.23 | 0.23 | 0.40 | 345000 0 | 235000 0 |
| 43.7553046 40 | - 0.2053 31199 | -0.03 | -0.10 | -0.96 | 0.23 | 0.23 | 0.40 | 350000 0 | 235000 0 |
| 43.8147278 30 | 0.4102 76725 | 0.01 | -0.20 | -1.18 | 0.26 | 0.26 | 0.46 | 355000 0 | 235000 0 |
| 43.8704717 50 | 1.0269 82669 | -0.03 | -0.20 | -1.31 | 0.26 | 0.25 | 0.45 | 360000 0 | 235000 0 |
| 43.9225262 00 | 1.6447 20471 | -0.02 | -0.22 | -1.28 | 0.28 | 0.28 | 0.47 | 365000 0 | 235000 0 |
| 43.9708815 90 | 2.2634 22985 | -0.01 | -0.30 | -1.09 | 0.27 | 0.27 | 0.46 | 370000 0 | 235000 0 |
| 44.0155290 00 | 2.8830 22134 | -0.05 | -0.32 | -0.85 | 0.26 | 0.26 | 0.45 | 375000 0 | 235000 0 |
| 44.0564601 30 | 3.5034 48979 | -0.11 | -0.22 | -0.75 | 0.25 | 0.25 | 0.42 | 380000 0 | 235000 0 |
| 44.0936673 50 | 4.1246 33773 | -0.12 | -0.15 | -0.93 | 0.24 | 0.24 | 0.41 | 385000 0 | 235000 0 |
| 44.1271437 00 | 4.7465 06031 | -0.14 | -0.22 | -1.06 | 0.25 | 0.25 | 0.44 | 390000 0 | 235000 0 |
| 44.1568828 90 | 5.3689 94594 | -0.21 | -0.29 | -0.83 | 0.27 | 0.26 | 0.47 | 395000 0 | 235000 0 |
| 44.1828793 | 5.9920 | -0.23 | -0.22 | -0.44 | 0.27 | 0.26 | 0.49 | 400000 | 235000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|------------|------------|-------------|---------|----------|
| 20 | 27694 | | | | | | | 0 | 0 |
| 44.205128080 | 6.615533029 | -0.18 | -0.09 | -0.31 | 0.27 | 0.27 | 0.49 | 4050000 | 2350000 |
| 44.223624940 | 7.239437828 | -0.18 | 0.02 | -0.39 | 0.26 | 0.26 | 0.47 | 4100000 | 2350000 |
| 44.238366420 | 7.863668921 | -0.15 | 0.05 | -0.50 | 0.24 | 0.24 | 0.42 | 4150000 | 2350000 |
| 44.249349690 | 8.488152817 | -0.04 | -0.05 | -0.61 | 0.25 | 0.26 | 0.43 | 4200000 | 2350000 |
| 44.256572680 | 9.112815771 | 0.07 | -0.08 | -0.82 | 0.24 | 0.25 | 0.43 | 4250000 | 2350000 |
| 44.260034010 | 9.737583858 | 0.27 | 0.09 | -1.14 | 0.23 | 0.23 | 0.41 | 4300000 | 2350000 |
| 44.259733020 | 10.362383050 | 1.02 | 0.29 | -1.15 | 0.24 | 0.24 | 0.41 | 4350000 | 2350000 |
| 44.255669760 | 10.987139290 | 2.15 | 0.39 | -0.87 | 0.25 | 0.26 | 0.43 | 4400000 | 2350000 |
| 44.247845010 | 11.611778560 | 2.84 | 0.52 | -1.15 | 0.23 | 0.24 | 0.40 | 4450000 | 2350000 |
| 44.236260270 | 12.236226950 | 2.79 | 0.69 | -1.65 | 0.27 | 0.28 | 0.47 | 4500000 | 2350000 |
| 44.220917720 | 12.860410770 | 2.93 | 0.87 | -1.53 | 0.30 | 0.31 | 0.52 | 4550000 | 2350000 |
| 44.201820300 | 13.484256560 | 2.88 | 0.84 | -1.19 | 0.35 | 0.36 | 0.61 | 4600000 | 2350000 |
| 44.178971620 | 14.107691220 | 2.67 | 0.71 | -1.07 | 0.38 | 0.38 | 0.65 | 4650000 | 2350000 |
| 44.152376000 | 14.730642040 | 2.61 | 0.54 | -1.11 | 0.33 | 0.34 | 0.57 | 4700000 | 2350000 |
| 44.122038470 | 15.353036800 | 2.72 | 0.45 | -1.22 | 0.21 | 0.21 | 0.37 | 4750000 | 2350000 |
| 44.087964740 | 15.974803830 | 2.41 | 0.64 | -1.35 | 0.36 | 0.36 | 0.62 | 4800000 | 2350000 |
| 44.050161210 | 16.595872070 | 2.32 | 0.89 | -1.57 | 0.36 | 0.36 | 0.66 | 4850000 | 2350000 |
| 44.008634940 | 17.216171150 | 2.20 | 1.15 | -1.90 | 0.34 | 0.34 | 0.63 | 4900000 | 2350000 |
| 43.963393680 | 17.835631450 | 1.77 | 1.03 | -2.12 | 0.32 | 0.33 | 0.60 | 4950000 | 2350000 |
| 43.914445820 | 18.454184160 | 1.27 | 0.66 | -2.06 | 0.25 | 0.26 | 0.52 | 5000000 | 2350000 |
| 43.861800400 | 19.071761350 | 0.96 | 0.59 | -1.93 | 0.32 | 0.32 | 0.56 | 5050000 | 2350000 |
| 43.805467100 | 19.688296030 | 0.44 | 0.52 | -1.51 | 0.27 | 0.27 | 0.47 | 5100000 | 2350000 |
| 43.745456210 | 20.303722210 | -0.25 | 0.80 | -0.95 | 0.26 | 0.26 | 0.46 | 5150000 | 2350000 |
| 43.6817786 | 20.917 | -0.80 | 1.07 | -0.38 | 0.29 | 0.29 | 0.50 | 5200000 | 2350000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 40 | 974920 | | | | | | | 0 | 0 |
| 43.6144459 00 | 21.530 990330 | -1.24 | 1.00 | -0.11 | 0.27 | 0.27 | 0.47 | 525000 0 | 235000 0 |
| 43.5434700 80 | 22.142 705770 | -1.49 | 0.59 | -0.45 | 0.26 | 0.26 | 0.45 | 530000 0 | 235000 0 |
| 43.4688638 40 | 22.753 059740 | -1.68 | 0.23 | -0.93 | 0.26 | 0.27 | 0.48 | 535000 0 | 235000 0 |
| 43.3906403 80 | 23.361 992030 | -1.68 | 0.06 | -0.96 | 0.25 | 0.26 | 0.49 | 540000 0 | 235000 0 |
| 43.3088134 60 | 23.969 443700 | -1.52 | -0.21 | -0.59 | 0.23 | 0.23 | 0.42 | 545000 0 | 235000 0 |
| 43.2233973 50 | 24.575 357180 | -1.29 | -0.34 | -0.78 | 0.24 | 0.24 | 0.42 | 550000 0 | 235000 0 |
| 43.1344068 30 | 25.179 676250 | -1.23 | 0.02 | -0.99 | 0.28 | 0.28 | 0.47 | 555000 0 | 235000 0 |
| 43.0418571 60 | 25.782 346110 | -1.31 | 0.14 | -0.96 | 0.26 | 0.26 | 0.43 | 560000 0 | 235000 0 |
| 42.9457640 90 | 26.383 313430 | -1.30 | -0.35 | -0.66 | 0.28 | 0.28 | 0.47 | 565000 0 | 235000 0 |
| 42.8461438 00 | 26.982 526330 | -1.20 | -0.62 | -0.49 | 0.29 | 0.29 | 0.51 | 570000 0 | 235000 0 |
| 42.7430129 20 | 27.579 934470 | -1.30 | -0.57 | -0.48 | 0.25 | 0.25 | 0.47 | 575000 0 | 235000 0 |
| 42.6363885 00 | 28.175 489010 | -1.32 | -0.63 | -0.59 | 0.29 | 0.29 | 0.57 | 580000 0 | 235000 0 |
| 41.9242802 60 | 31.707 355450 | -0.01 | -1.13 | -0.79 | 0.40 | 0.40 | 0.72 | 610000 0 | 235000 0 |
| 41.7937095 90 | 32.288 700930 | 0.41 | -1.08 | -0.75 | 0.32 | 0.32 | 0.55 | 615000 0 | 235000 0 |
| 41.6597945 70 | 32.867 859710 | 0.77 | -1.20 | -0.79 | 0.26 | 0.26 | 0.44 | 620000 0 | 235000 0 |
| 41.5225551 70 | 33.444 797510 | 0.89 | -1.51 | -0.94 | 0.32 | 0.33 | 0.57 | 625000 0 | 235000 0 |
| 41.3820115 80 | 34.019 481710 | 0.79 | -1.76 | -1.07 | 0.31 | 0.32 | 0.58 | 630000 0 | 235000 0 |
| 41.2381842 30 | 34.591 881310 | 6.12 | -12.22 | -1.14 | 0.40 | 0.51 | 0.59 | 635000 0 | 235000 0 |
| 41.0910937 20 | 35.161 966980 | 6.13 | -12.44 | -1.01 | 0.38 | 0.49 | 0.57 | 640000 0 | 235000 0 |
| 40.9407608 20 | 35.729 711040 | 6.26 | -13.34 | -0.93 | 0.32 | 0.45 | 0.54 | 645000 0 | 235000 0 |
| 40.7872064 70 | 36.295 087410 | 6.10 | -13.25 | -0.85 | 0.32 | 0.46 | 0.58 | 650000 0 | 235000 0 |
| 40.6304517 40 | 36.858 071660 | 5.63 | -12.44 | -0.72 | 0.34 | 0.47 | 0.62 | 655000 0 | 235000 0 |
| 40.4705178 40 | 37.418 640970 | 5.14 | -12.01 | -0.70 | 0.29 | 0.42 | 0.59 | 660000 0 | 235000 0 |
| 40.3074260 | 37.976 | 5.54 | -12.47 | -0.43 | 0.30 | 0.44 | 0.56 | 665000 | 235000 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|--------|-------|---------|---------|----------|---------|----------|
| 60 | 774110 | | | | | | | 0 | 0 |
| 40.141197780 | 38.532451430 | 5.88 | -13.14 | -0.40 | 0.29 | 0.44 | 0.56 | 670000 | 235000 |
| 39.971854460 | 39.085654860 | 5.64 | -13.19 | -0.55 | 0.29 | 0.44 | 0.58 | 675000 | 235000 |
| 39.799417610 | 39.636367880 | 4.85 | -12.53 | -0.71 | 0.34 | 0.46 | 0.62 | 680000 | 235000 |
| 39.623908770 | 40.184575510 | 12.16 | -8.73 | -0.41 | 0.39 | 0.43 | 0.65 | 685000 | 235000 |
| 39.445349500 | 40.730264250 | 12.78 | -8.76 | 0.05 | 0.40 | 0.44 | 0.63 | 690000 | 235000 |
| 39.263761370 | 41.273422140 | 13.46 | -8.28 | 0.16 | 0.42 | 0.44 | 0.62 | 695000 | 235000 |
| 39.079165930 | 41.814038650 | 14.03 | -7.40 | 0.08 | 0.42 | 0.43 | 0.64 | 700000 | 235000 |
| 38.891584720 | 42.352104700 | 14.49 | -6.34 | 0.07 | 0.40 | 0.40 | 0.68 | 705000 | 235000 |
| 38.701039220 | 42.887612660 | 15.13 | -5.47 | -0.04 | 0.42 | 0.40 | 0.68 | 710000 | 235000 |
| 38.507550870 | 43.420556260 | 15.90 | -4.66 | -0.19 | 0.41 | 0.37 | 0.63 | 715000 | 235000 |
| 38.311141040 | 43.950930620 | 16.99 | -4.52 | -0.26 | 0.38 | 0.29 | 0.51 | 720000 | 235000 |
| 38.111831000 | 44.478732210 | 17.28 | -5.13 | -0.29 | 0.44 | 0.35 | 0.60 | 725000 | 235000 |
| 37.909641950 | 45.003958800 | 17.06 | -5.38 | -0.35 | 0.51 | 0.40 | 0.74 | 730000 | 235000 |
| 37.704594970 | 45.526609470 | 17.30 | -5.44 | -0.42 | 0.56 | 0.43 | 0.81 | 735000 | 235000 |
| 37.496711010 | 46.046684550 | 17.75 | -5.38 | -0.50 | 0.59 | 0.44 | 0.84 | 740000 | 235000 |
| 37.132112980 | -25.733499710 | -0.34 | -3.17 | -2.12 | 0.35 | 0.36 | 0.61 | 125000 | 230000 |
| 37.338121670 | -25.215020840 | -0.36 | -3.38 | -2.23 | 0.30 | 0.31 | 0.50 | 130000 | 230000 |
| 37.541298030 | -24.694027580 | -0.21 | -2.23 | -2.02 | 0.36 | 0.37 | 0.63 | 135000 | 230000 |
| 41.996036550 | -9.124017126 | -0.01 | -0.58 | -1.15 | 0.31 | 0.32 | 0.54 | 275000 | 230000 |
| 42.108096130 | -8.535889443 | 0.07 | -0.66 | -1.24 | 0.24 | 0.24 | 0.40 | 280000 | 230000 |
| 42.216719150 | -7.945878839 | 0.23 | -0.54 | -1.32 | 0.22 | 0.23 | 0.39 | 285000 | 230000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 42.3218883 80 | - 7.3540 30191 | 0.12 | -0.37 | -1.27 | 0.25 | 0.26 | 0.43 | 290000 0 | 230000 0 |
| 42.4235869 50 | - 6.7603 89880 | -0.17 | -0.39 | -1.17 | 0.24 | 0.25 | 0.43 | 295000 0 | 230000 0 |
| 42.5217984 20 | - 6.1650 05781 | -0.19 | -0.51 | -0.99 | 0.24 | 0.24 | 0.40 | 300000 0 | 230000 0 |
| 42.6165067 10 | - 5.5679 27230 | 0.06 | -0.55 | -0.87 | 0.24 | 0.24 | 0.39 | 305000 0 | 230000 0 |
| 42.7076962 10 | - 4.9692 05005 | 0.29 | -0.50 | -0.98 | 0.29 | 0.29 | 0.49 | 310000 0 | 230000 0 |
| 42.7953517 50 | - 4.3688 91294 | 0.33 | -0.50 | -1.20 | 0.28 | 0.28 | 0.47 | 315000 0 | 230000 0 |
| 42.8794585 90 | - 3.7670 39667 | 0.17 | -0.49 | -1.31 | 0.26 | 0.26 | 0.43 | 320000 0 | 230000 0 |
| 42.9600025 10 | - 3.1637 05040 | -0.11 | -0.42 | -1.21 | 0.24 | 0.24 | 0.39 | 325000 0 | 230000 0 |
| 43.0369697 60 | - 2.5589 43640 | -0.18 | -0.31 | -1.18 | 0.23 | 0.23 | 0.38 | 330000 0 | 230000 0 |
| 43.1103471 10 | - 1.9528 12970 | -0.08 | -0.19 | -1.19 | 0.22 | 0.22 | 0.36 | 335000 0 | 230000 0 |
| 43.1801218 50 | - 1.3453 71762 | -0.12 | -0.08 | -0.94 | 0.24 | 0.24 | 0.40 | 340000 0 | 230000 0 |
| 43.2462818 10 | - 0.7366 79941 | -0.20 | -0.05 | -0.73 | 0.23 | 0.23 | 0.39 | 345000 0 | 230000 0 |
| 43.3088153 70 | - 0.1267 98572 | -0.12 | -0.14 | -0.75 | 0.24 | 0.24 | 0.41 | 350000 0 | 230000 0 |
| 43.3677115 00 | 0.4842 10180 | -0.02 | -0.23 | -0.85 | 0.24 | 0.24 | 0.42 | 355000 0 | 230000 0 |
| 43.4229597 20 | 1.0962 83105 | 0.02 | -0.27 | -0.98 | 0.25 | 0.25 | 0.42 | 360000 0 | 230000 0 |
| 43.4745501 70 | 1.7093 55999 | -0.02 | -0.29 | -1.06 | 0.25 | 0.25 | 0.42 | 365000 0 | 230000 0 |
| 43.5224735 80 | 2.3233 63719 | -0.10 | -0.26 | -0.93 | 0.26 | 0.26 | 0.45 | 370000 0 | 230000 0 |
| 43.5667213 00 | 2.9382 40236 | -0.18 | -0.19 | -0.78 | 0.23 | 0.23 | 0.40 | 375000 0 | 230000 0 |
| 43.6072853 20 | 3.5539 18695 | -0.15 | -0.12 | -0.97 | 0.24 | 0.24 | 0.40 | 380000 0 | 230000 0 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 43.644158250 | 4.170331476 | -0.10 | -0.22 | -1.37 | 0.22 | 0.22 | 0.38 | 3850000 | 2300000 |
| 43.677333350 | 4.787410254 | -0.06 | -0.34 | -1.54 | 0.25 | 0.24 | 0.42 | 3900000 | 2300000 |
| 43.706804540 | 5.405086061 | -0.11 | -0.25 | -1.14 | 0.25 | 0.25 | 0.43 | 3950000 | 2300000 |
| 43.732566410 | 6.023289351 | -0.10 | -0.08 | -0.72 | 0.24 | 0.24 | 0.42 | 4000000 | 2300000 |
| 43.754614210 | 6.641950068 | -0.06 | -0.09 | -0.81 | 0.25 | 0.26 | 0.43 | 4050000 | 2300000 |
| 43.772943850 | 7.260997709 | -0.16 | -0.20 | -0.95 | 0.20 | 0.21 | 0.35 | 4100000 | 2300000 |
| 43.787551950 | 7.880361394 | -0.20 | -0.18 | -0.82 | 0.29 | 0.29 | 0.50 | 4150000 | 2300000 |
| 43.798435800 | 8.499969934 | -0.08 | -0.14 | -0.85 | 0.34 | 0.34 | 0.58 | 4200000 | 2300000 |
| 43.805593380 | 9.119751898 | 0.00 | -0.11 | -1.04 | 0.34 | 0.35 | 0.58 | 4250000 | 2300000 |
| 43.809023350 | 9.739635689 | 0.12 | -0.05 | -1.33 | 0.29 | 0.30 | 0.51 | 4300000 | 2300000 |
| 43.808725090 | 10.359549610 | 0.49 | -0.03 | -1.26 | 0.25 | 0.26 | 0.44 | 4350000 | 2300000 |
| 43.804698640 | 10.979421920 | 1.32 | -0.08 | -0.42 | 0.21 | 0.22 | 0.38 | 4400000 | 2300000 |
| 43.796944750 | 11.599180950 | 2.07 | -0.01 | -0.14 | 0.26 | 0.27 | 0.45 | 4450000 | 2300000 |
| 43.785464860 | 12.218755100 | 2.67 | 0.45 | -0.30 | 0.26 | 0.27 | 0.44 | 4500000 | 2300000 |
| 43.770261110 | 12.838073000 | 3.46 | 1.11 | -0.33 | 0.22 | 0.23 | 0.38 | 4550000 | 2300000 |
| 43.751336320 | 13.457063480 | 3.69 | 1.27 | -0.21 | 0.26 | 0.27 | 0.45 | 4600000 | 2300000 |
| 43.728693980 | 14.075655740 | 3.10 | 1.08 | -0.48 | 0.35 | 0.35 | 0.60 | 4650000 | 2300000 |
| 43.702338280 | 14.693779330 | 2.71 | 0.81 | -0.76 | 0.36 | 0.37 | 0.62 | 4700000 | 2300000 |
| 43.672274080 | 15.311364270 | 2.54 | 0.64 | -0.94 | 0.35 | 0.35 | 0.60 | 4750000 | 2300000 |
| 43.638506900 | 15.928341110 | 2.41 | 0.62 | -1.04 | 0.35 | 0.35 | 0.62 | 4800000 | 2300000 |
| 43.601042930 | 16.544640970 | 2.43 | 0.71 | -1.19 | 0.28 | 0.28 | 0.57 | 4850000 | 2300000 |
| 43.559889010 | 17.160195640 | 2.30 | 0.99 | -1.67 | 0.33 | 0.33 | 0.63 | 4900000 | 2300000 |
| 43.515052620 | 17.774937620 | 2.04 | 0.89 | -1.97 | 0.34 | 0.34 | 0.63 | 4950000 | 2300000 |
| 43.466541890 | 18.388800190 | 1.58 | 0.58 | -1.91 | 0.35 | 0.35 | 0.62 | 5000000 | 2300000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 43.414365560 | 19.001717440 | 1.06 | 0.33 | -1.60 | 0.34 | 0.34 | 0.60 | 5050000 | 2300000 |
| 43.358532990 | 19.613624390 | 0.43 | 0.07 | -1.10 | 0.21 | 0.22 | 0.45 | 5100000 | 2300000 |
| 43.299054160 | 20.224456980 | -0.25 | 0.58 | -0.89 | 0.27 | 0.28 | 0.50 | 5150000 | 2300000 |
| 43.235939610 | 20.834152170 | -0.93 | 0.84 | -0.64 | 0.28 | 0.28 | 0.50 | 5200000 | 2300000 |
| 43.169200500 | 21.442647970 | -1.51 | 0.68 | -0.52 | 0.27 | 0.27 | 0.48 | 5250000 | 2300000 |
| 43.098848510 | 22.049883490 | -1.79 | 0.43 | -0.88 | 0.27 | 0.28 | 0.48 | 5300000 | 2300000 |
| 43.024895910 | 22.655798990 | -1.86 | 0.48 | -1.40 | 0.24 | 0.24 | 0.42 | 5350000 | 2300000 |
| 42.947355490 | 23.260335940 | -1.88 | 0.29 | -1.17 | 0.26 | 0.26 | 0.45 | 5400000 | 2300000 |
| 42.866240560 | 23.863437030 | -1.84 | -0.18 | -0.63 | 0.24 | 0.24 | 0.42 | 5450000 | 2300000 |
| 42.781564960 | 24.465046240 | -1.71 | -0.22 | -0.66 | 0.23 | 0.23 | 0.40 | 5500000 | 2300000 |
| 42.693342990 | 25.065108880 | -1.43 | 0.22 | -0.84 | 0.26 | 0.26 | 0.43 | 5550000 | 2300000 |
| 42.601589440 | 25.663571590 | -1.14 | 0.15 | -0.72 | 0.26 | 0.26 | 0.44 | 5600000 | 2300000 |
| 42.506319580 | 26.260382400 | -1.05 | -0.23 | -0.53 | 0.27 | 0.27 | 0.47 | 5650000 | 2300000 |
| 42.407549090 | 26.855490770 | -0.96 | 0.03 | -0.47 | 0.29 | 0.29 | 0.51 | 5700000 | 2300000 |
| 42.305294100 | 27.448847600 | -1.10 | 0.13 | -0.47 | 0.23 | 0.23 | 0.46 | 5750000 | 2300000 |
| 42.199571120 | 28.040405240 | -1.43 | -0.69 | -0.54 | 0.23 | 0.23 | 0.56 | 5800000 | 2300000 |
| 42.090397080 | 28.630117550 | -1.22 | -0.77 | -0.62 | 0.36 | 0.36 | 0.68 | 5850000 | 2300000 |
| 41.619541350 | 30.969643930 | -0.60 | -1.85 | -0.82 | 0.41 | 0.41 | 0.74 | 6050000 | 2300000 |
| 41.493378190 | 31.549490950 | -0.27 | -1.81 | -0.71 | 0.40 | 0.40 | 0.71 | 6100000 | 2300000 |
| 41.363872690 | 32.127248080 | 0.16 | -1.77 | -0.62 | 0.35 | 0.35 | 0.60 | 6150000 | 2300000 |
| 41.231043980 | 32.702880040 | 0.56 | -2.16 | -0.58 | 0.10 | 0.10 | 0.27 | 6200000 | 2300000 |
| 41.094911470 | 33.276353150 | 0.65 | -1.72 | -0.54 | 0.34 | 0.35 | 0.55 | 6250000 | 2300000 |
| 40.955494770 | 33.847635330 | 1.47 | -19.84 | -0.50 | 0.35 | 0.36 | 0.55 | 6300000 | 2300000 |
| 40.812813720 | 34.416696060 | 2.54 | -19.46 | -0.62 | 0.36 | 0.36 | 0.59 | 6350000 | 2300000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 40.6668883 40 | 34.983 506420 | 3.52 | -18.73 | -0.77 | 0.29 | 0.28 | 0.52 | 640000 0 | 230000 0 |
| 40.5177388 50 | 35.548 039080 | 4.92 | -20.02 | -0.80 | 0.29 | 0.30 | 0.54 | 645000 0 | 230000 0 |
| 40.3653855 90 | 36.110 268280 | 5.91 | -19.79 | -0.66 | 0.30 | 0.31 | 0.55 | 650000 0 | 230000 0 |
| 40.2098490 50 | 36.670 169800 | 6.51 | -18.68 | -0.43 | 0.28 | 0.29 | 0.53 | 655000 0 | 230000 0 |
| 40.0511498 70 | 37.227 721020 | 7.20 | -18.35 | -0.34 | 0.30 | 0.30 | 0.55 | 660000 0 | 230000 0 |
| 39.8893087 70 | 37.782 900820 | 8.42 | -17.87 | -0.42 | 0.32 | 0.33 | 0.59 | 665000 0 | 230000 0 |
| 39.7243465 50 | 38.335 689660 | 9.62 | -17.63 | -0.63 | 0.31 | 0.31 | 0.58 | 670000 0 | 230000 0 |
| 39.5562841 10 | 38.886 069470 | 5.30 | -13.05 | -0.94 | 0.31 | 0.45 | 0.59 | 675000 0 | 230000 0 |
| 39.3851423 80 | 39.434 023720 | 4.12 | -12.46 | -1.22 | 0.30 | 0.44 | 0.58 | 680000 0 | 230000 0 |
| 39.2109423 60 | 39.979 537340 | 11.37 | -8.39 | -0.83 | 0.33 | 0.36 | 0.61 | 685000 0 | 230000 0 |
| 39.0337050 40 | 40.522 596730 | 12.28 | -9.14 | -0.15 | 0.33 | 0.35 | 0.62 | 690000 0 | 230000 0 |
| 38.8534514 40 | 41.063 189740 | 13.22 | -8.32 | 0.07 | 0.38 | 0.40 | 0.65 | 695000 0 | 230000 0 |
| 38.6702025 70 | 41.601 305660 | 13.84 | -7.20 | 0.07 | 0.39 | 0.39 | 0.66 | 700000 0 | 230000 0 |
| 38.4839794 20 | 42.136 935150 | 14.18 | -5.91 | -0.02 | 0.34 | 0.33 | 0.67 | 705000 0 | 230000 0 |
| 38.2948029 50 | 42.670 070280 | 14.97 | -5.20 | -0.12 | 0.39 | 0.35 | 0.68 | 710000 0 | 230000 0 |
| 38.1026940 70 | 43.200 704470 | 15.96 | -4.66 | -0.24 | 0.39 | 0.32 | 0.63 | 715000 0 | 230000 0 |
| 37.9076736 10 | 43.728 832480 | 17.06 | -5.01 | -0.17 | 0.38 | 0.30 | 0.54 | 720000 0 | 230000 0 |
| 37.7097623 60 | 44.254 450360 | 16.90 | -5.20 | -0.17 | 0.42 | 0.33 | 0.60 | 725000 0 | 230000 0 |
| 37.5089809 90 | 44.777 555470 | 16.35 | -5.19 | -0.21 | 0.46 | 0.36 | 0.71 | 730000 0 | 230000 0 |
| 37.3053500 90 | 45.298 146410 | 16.87 | -5.18 | -0.35 | 0.53 | 0.42 | 0.79 | 735000 0 | 230000 0 |
| 37.0988901 10 | 45.816 223040 | 17.48 | -5.09 | -0.46 | 0.58 | 0.44 | 0.84 | 740000 0 | 230000 0 |
| 36.7329471 90 | - 25.507 115970 | -0.40 | -2.90 | -1.84 | 0.35 | 0.37 | 0.62 | 125000 0 | 225000 0 |
| 36.9375546 80 | - 24.990 636010 | -0.55 | -3.72 | -1.95 | 0.23 | 0.27 | 0.42 | 130000 0 | 225000 0 |
| 37.1393379 | - | -0.30 | -2.27 | -1.76 | 0.38 | 0.39 | 0.67 | 135000 | 225000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 20 | 24.471 701580 | | | | | | | 0 | 0 |
| 41.5604613 10 | - 8.9844 54861 | 0.01 | -0.69 | -1.26 | 0.31 | 0.31 | 0.54 | 275000 0 | 225000 0 |
| 41.6715921 30 | - 8.4001 56988 | 0.06 | -0.74 | -1.35 | 0.22 | 0.23 | 0.40 | 280000 0 | 225000 0 |
| 41.7793106 00 | - 7.8140 30683 | 0.17 | -0.54 | -1.25 | 0.25 | 0.25 | 0.44 | 285000 0 | 225000 0 |
| 41.8836000 00 | - 7.2261 19778 | 0.25 | -0.44 | -1.29 | 0.23 | 0.23 | 0.39 | 290000 0 | 225000 0 |
| 41.9844439 90 | - 6.6364 69550 | 0.22 | -0.53 | -1.31 | 0.22 | 0.22 | 0.37 | 295000 0 | 225000 0 |
| 42.0818266 00 | - 6.0451 26703 | 0.07 | -0.54 | -1.11 | 0.30 | 0.30 | 0.49 | 300000 0 | 225000 0 |
| 42.1757322 60 | - 5.4521 39345 | 0.18 | -0.47 | -1.06 | 0.26 | 0.26 | 0.43 | 305000 0 | 225000 0 |
| 42.2661458 40 | - 4.8575 56961 | 0.28 | -0.42 | -1.25 | 0.29 | 0.29 | 0.47 | 310000 0 | 225000 0 |
| 42.3530526 20 | - 4.2614 30387 | 0.34 | -0.46 | -1.43 | 0.28 | 0.28 | 0.47 | 315000 0 | 225000 0 |
| 42.4364383 30 | - 3.6638 11781 | 0.27 | -0.47 | -1.45 | 0.24 | 0.24 | 0.40 | 320000 0 | 225000 0 |
| 42.5162891 90 | - 3.0647 54587 | -0.06 | -0.41 | -1.09 | 0.24 | 0.24 | 0.40 | 325000 0 | 225000 0 |
| 42.5925918 80 | - 2.4643 13505 | -0.19 | -0.37 | -0.85 | 0.22 | 0.22 | 0.37 | 330000 0 | 225000 0 |
| 42.6653335 80 | - 1.8625 44450 | -0.15 | -0.31 | -0.76 | 0.23 | 0.23 | 0.38 | 335000 0 | 225000 0 |
| 42.7345019 90 | - 1.2595 04516 | -0.19 | -0.19 | -0.63 | 0.23 | 0.23 | 0.39 | 340000 0 | 225000 0 |
| 42.8000853 10 | - 0.6552 51933 | -0.30 | -0.07 | -0.55 | 0.23 | 0.23 | 0.39 | 345000 0 | 225000 0 |
| 42.8620723 00 | - 0.0498 46022 | -0.28 | -0.07 | -0.56 | 0.26 | 0.26 | 0.43 | 350000 0 | 225000 0 |
| 42.9204522 | 0.5566 | -0.19 | -0.11 | -0.55 | 0.24 | 0.24 | 0.41 | 355000 | 225000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 80 | 52848 | | | | | | | 0 | 0 |
| 42.9752151 00 | 1.1641 83311 | -0.13 | -0.14 | -0.62 | 0.22 | 0.22 | 0.38 | 360000 0 | 225000 0 |
| 43.0263512 20 | 1.7726 83050 | -0.14 | -0.15 | -0.76 | 0.24 | 0.24 | 0.42 | 365000 0 | 225000 0 |
| 43.0738516 70 | 2.3820 88854 | -0.16 | -0.09 | -0.75 | 0.24 | 0.24 | 0.41 | 370000 0 | 225000 0 |
| 43.1177080 80 | 2.9923 36667 | -0.16 | -0.05 | -0.80 | 0.25 | 0.25 | 0.43 | 375000 0 | 225000 0 |
| 43.1579126 90 | 3.6033 61645 | -0.10 | -0.09 | -1.13 | 0.27 | 0.27 | 0.46 | 380000 0 | 225000 0 |
| 43.1944583 60 | 4.2150 98216 | -0.04 | -0.22 | -1.48 | 0.31 | 0.31 | 0.53 | 385000 0 | 225000 0 |
| 43.2273385 60 | 4.8274 80134 | 0.02 | -0.31 | -1.68 | 0.28 | 0.28 | 0.48 | 390000 0 | 225000 0 |
| 43.2565474 20 | 5.4404 40541 | -0.06 | -0.21 | -1.39 | 0.17 | 0.19 | 0.35 | 395000 0 | 225000 0 |
| 43.2820796 90 | 6.0539 12030 | -0.17 | -0.14 | -0.98 | 0.25 | 0.26 | 0.44 | 400000 0 | 225000 0 |
| 43.3039307 80 | 6.6678 26705 | -0.09 | -0.21 | -1.08 | 0.23 | 0.23 | 0.40 | 405000 0 | 225000 0 |
| 43.3220967 50 | 7.2821 16246 | -0.08 | -0.25 | -1.15 | 0.31 | 0.31 | 0.52 | 410000 0 | 225000 0 |
| 43.3365743 10 | 7.8967 11974 | -0.09 | -0.24 | -1.04 | 0.36 | 0.36 | 0.61 | 415000 0 | 225000 0 |
| 43.3544543 90 | 9.1265 45865 | 0.05 | -0.20 | -1.10 | 0.35 | 0.35 | 0.60 | 425000 0 | 225000 0 |
| 43.3578536 80 | 9.7416 45461 | 0.10 | -0.27 | -1.35 | 0.29 | 0.30 | 0.51 | 430000 0 | 225000 0 |
| 43.3575580 80 | 10.356 774240 | 0.28 | -0.49 | -1.20 | 0.30 | 0.30 | 0.51 | 435000 0 | 225000 0 |
| 43.3535676 50 | 10.971 862720 | 0.66 | -0.76 | -0.61 | 0.27 | 0.27 | 0.46 | 440000 0 | 225000 0 |
| 43.3458831 20 | 11.586 841450 | 1.24 | -0.84 | -0.04 | 0.26 | 0.27 | 0.46 | 445000 0 | 225000 0 |
| 43.3345058 70 | 12.201 641080 | 1.85 | -0.40 | 0.08 | 0.20 | 0.21 | 0.35 | 450000 0 | 225000 0 |
| 43.3194379 80 | 12.816 192440 | 2.91 | 0.68 | 0.10 | 0.22 | 0.23 | 0.39 | 455000 0 | 225000 0 |
| 43.3006821 50 | 13.430 426610 | 3.69 | 1.47 | 0.21 | 0.22 | 0.23 | 0.40 | 460000 0 | 225000 0 |
| 43.2782417 90 | 14.044 274960 | 3.20 | 1.43 | -0.20 | 0.31 | 0.32 | 0.54 | 465000 0 | 225000 0 |
| 43.2223243 00 | 15.270 541590 | 2.47 | 0.84 | -0.78 | 0.39 | 0.39 | 0.68 | 475000 0 | 225000 0 |
| 43.1888572 10 | 15.882 824730 | 2.38 | 0.69 | -0.92 | 0.38 | 0.38 | 0.68 | 480000 0 | 225000 0 |
| 43.1517256 | 16.494 | 2.38 | 0.69 | -1.14 | 0.35 | 0.35 | 0.65 | 485000 | 225000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 60 | 451880 | | | | | | | 0 | 0 |
| 43.1109362 70 | 17.105 356900 | 2.42 | 0.81 | -1.60 | 0.36 | 0.36 | 0.65 | 490000 0 | 225000 0 |
| 43.0664962 70 | 17.715 474330 | 2.53 | 0.84 | -2.07 | 0.31 | 0.31 | 0.57 | 495000 0 | 225000 0 |
| 43.0184135 40 | 18.324 739450 | 2.18 | 0.61 | -1.99 | 0.33 | 0.33 | 0.57 | 500000 0 | 225000 0 |
| 42.9666965 20 | 18.933 088330 | 1.35 | 0.29 | -1.50 | 0.36 | 0.36 | 0.62 | 505000 0 | 225000 0 |
| 42.9113543 00 | 19.540 457900 | 0.54 | 0.19 | -1.02 | 0.34 | 0.34 | 0.60 | 510000 0 | 225000 0 |
| 42.8523965 00 | 20.146 786000 | -0.22 | 0.51 | -0.83 | 0.30 | 0.30 | 0.55 | 515000 0 | 225000 0 |
| 42.7898333 60 | 20.752 011400 | -1.09 | 0.73 | -0.91 | 0.28 | 0.29 | 0.52 | 520000 0 | 225000 0 |
| 42.7236756 60 | 21.356 073920 | -1.83 | 0.58 | -0.92 | 0.29 | 0.30 | 0.52 | 525000 0 | 225000 0 |
| 42.6539347 20 | 21.958 914400 | -2.25 | 0.42 | -1.03 | 0.28 | 0.28 | 0.48 | 530000 0 | 225000 0 |
| 42.5806224 30 | 22.560 474780 | -2.46 | 0.45 | -1.18 | 0.25 | 0.25 | 0.42 | 535000 0 | 225000 0 |
| 42.5037511 50 | 23.160 698170 | -2.43 | 0.43 | -0.93 | 0.22 | 0.22 | 0.38 | 540000 0 | 225000 0 |
| 42.4233338 10 | 23.759 528840 | -2.27 | 0.28 | -0.48 | 0.25 | 0.25 | 0.42 | 545000 0 | 225000 0 |
| 42.3393837 80 | 24.356 912270 | -2.04 | 0.37 | -0.39 | 0.24 | 0.24 | 0.42 | 550000 0 | 225000 0 |
| 42.2519149 50 | 24.952 795250 | -1.67 | 0.48 | -0.49 | 0.24 | 0.24 | 0.43 | 555000 0 | 225000 0 |
| 42.1609416 40 | 25.547 125810 | -1.16 | 0.09 | -0.46 | 0.26 | 0.26 | 0.45 | 560000 0 | 225000 0 |
| 42.0664786 30 | 26.139 853340 | -0.89 | 0.03 | -0.45 | 0.27 | 0.28 | 0.47 | 565000 0 | 225000 0 |
| 41.9685411 50 | 26.730 928560 | -1.00 | 0.51 | -0.53 | 0.30 | 0.30 | 0.52 | 570000 0 | 225000 0 |
| 41.8671448 10 | 27.320 303600 | -1.12 | 0.85 | -0.55 | 0.26 | 0.26 | 0.48 | 575000 0 | 225000 0 |
| 41.7623056 50 | 27.907 931970 | -1.46 | -0.52 | -0.54 | 0.27 | 0.27 | 0.53 | 580000 0 | 225000 0 |
| 41.6540400 70 | 28.493 768640 | -1.41 | -0.80 | -0.58 | 0.34 | 0.34 | 0.62 | 585000 0 | 225000 0 |
| 41.5423648 50 | 29.077 769990 | -1.33 | -1.05 | -0.65 | 0.35 | 0.35 | 0.63 | 590000 0 | 225000 0 |
| 41.4272971 10 | 29.659 893910 | -1.23 | -2.09 | -0.79 | 0.37 | 0.37 | 0.64 | 595000 0 | 225000 0 |
| 41.3088542 90 | 30.240 099730 | -1.19 | -2.62 | -0.91 | 0.37 | 0.37 | 0.64 | 600000 0 | 225000 0 |
| 41.1870541 | 30.818 | -1.09 | -3.03 | -0.86 | 0.37 | 0.37 | 0.66 | 605000 | 225000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|--------|-------|---------|---------|----------|---------|----------|
| 70 | 348320 | | | | | | | 0 | 0 |
| 41.061914800 | 31.394602020 | -0.64 | -2.60 | -0.61 | 0.39 | 0.39 | 0.67 | 610000 | 225000 |
| 40.933454510 | 31.968824700 | -0.15 | -2.08 | -0.46 | 0.38 | 0.38 | 0.63 | 615000 | 225000 |
| 40.801691910 | 32.540981760 | -1.57 | -21.07 | -0.47 | 0.35 | 0.36 | 0.55 | 620000 | 225000 |
| 40.666645840 | 33.111040120 | -0.45 | -20.39 | -0.37 | 0.33 | 0.33 | 0.54 | 625000 | 225000 |
| 40.528335360 | 33.678968210 | 0.88 | -19.47 | -0.09 | 0.21 | 0.22 | 0.38 | 630000 | 225000 |
| 40.386779750 | 34.244736020 | 2.11 | -19.66 | -0.29 | 0.29 | 0.30 | 0.51 | 635000 | 225000 |
| 40.241998460 | 34.808315050 | 3.27 | -19.35 | -0.54 | 0.30 | 0.30 | 0.54 | 640000 | 225000 |
| 40.094011150 | 35.369678320 | 4.58 | -19.57 | -0.71 | 0.34 | 0.34 | 0.58 | 645000 | 225000 |
| 39.942837600 | 35.928800380 | 5.71 | -19.58 | -0.62 | 0.31 | 0.31 | 0.54 | 650000 | 225000 |
| 39.788497760 | 36.485657280 | 6.42 | -19.07 | -0.37 | 0.31 | 0.32 | 0.53 | 655000 | 225000 |
| 39.631011680 | 37.040226580 | 7.15 | -18.63 | -0.16 | 0.23 | 0.24 | 0.44 | 660000 | 225000 |
| 39.470399520 | 37.592487340 | 8.21 | -17.39 | -0.63 | 0.33 | 0.34 | 0.60 | 665000 | 225000 |
| 39.306681560 | 38.142420080 | 9.17 | -16.41 | -1.09 | 0.26 | 0.28 | 0.55 | 670000 | 225000 |
| 39.139878110 | 38.690006810 | 9.75 | -16.01 | -1.43 | 0.28 | 0.28 | 0.54 | 675000 | 225000 |
| 38.970009580 | 39.235230980 | 9.82 | -15.42 | -1.41 | 0.29 | 0.29 | 0.56 | 680000 | 225000 |
| 38.797096400 | 39.778077480 | 10.96 | -15.55 | -0.84 | 0.31 | 0.31 | 0.61 | 685000 | 225000 |
| 38.621159030 | 40.318532620 | 12.68 | -8.70 | -0.12 | 0.34 | 0.35 | 0.62 | 690000 | 225000 |
| 38.442217950 | 40.856584110 | 13.40 | -8.02 | 0.19 | 0.37 | 0.37 | 0.66 | 695000 | 225000 |
| 38.260293650 | 41.392221070 | 13.85 | -7.05 | 0.26 | 0.36 | 0.36 | 0.66 | 700000 | 225000 |
| 38.075406580 | 41.925433940 | 14.18 | -6.16 | 0.14 | 0.34 | 0.31 | 0.66 | 705000 | 225000 |
| 37.887577180 | 42.456214530 | 14.87 | -5.43 | -0.01 | 0.39 | 0.36 | 0.70 | 710000 | 225000 |
| 37.696825840 | 42.984555970 | 15.65 | -5.00 | -0.14 | 0.42 | 0.36 | 0.70 | 715000 | 225000 |
| 37.503172900 | 43.510452690 | 16.21 | -5.07 | -0.16 | 0.44 | 0.38 | 0.70 | 720000 | 225000 |
| 37.3066386 | 44.033 | 16.14 | -5.10 | -0.15 | 0.45 | 0.38 | 0.71 | 725000 | 225000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 30 | 900380 | | | | | | | 0 | 0 |
| 37.107243220 | 44.554896010 | 15.88 | -5.01 | -0.17 | 0.45 | 0.36 | 0.73 | 730000 | 225000 |
| 36.905006760 | 45.073437750 | 16.63 | -4.95 | -0.33 | 0.52 | 0.42 | 0.80 | 735000 | 225000 |
| 36.699949230 | 45.589525000 | 17.30 | -4.81 | -0.45 | 0.57 | 0.45 | 0.84 | 740000 | 225000 |
| 36.332679160 | -25.284421370 | -0.29 | -1.98 | -1.54 | 0.40 | 0.41 | 0.73 | 125000 | 220000 |
| 36.535906680 | -24.769930350 | -0.33 | -2.23 | -1.58 | 0.38 | 0.39 | 0.69 | 130000 | 220000 |
| 41.010814210 | -9.426266659 | -0.05 | -0.57 | -1.14 | 0.38 | 0.38 | 0.68 | 270000 | 220000 |
| 41.124406080 | -8.847552893 | -0.04 | -0.76 | -1.20 | 0.28 | 0.28 | 0.50 | 275000 | 220000 |
| 41.234626010 | -8.267021931 | 0.02 | -0.78 | -1.16 | 0.27 | 0.28 | 0.47 | 280000 | 220000 |
| 41.341457430 | -7.684715176 | 0.13 | -0.67 | -1.07 | 0.28 | 0.28 | 0.47 | 285000 | 220000 |
| 41.444884120 | -7.100675438 | 0.24 | -0.65 | -1.20 | 0.24 | 0.25 | 0.41 | 290000 | 220000 |
| 41.544890240 | -6.514946913 | 0.26 | -0.67 | -1.31 | 0.25 | 0.25 | 0.41 | 295000 | 220000 |
| 41.641460290 | -5.927575165 | 0.12 | -0.60 | -1.09 | 0.27 | 0.27 | 0.44 | 300000 | 220000 |
| 41.734579180 | -5.338607101 | 0.08 | -0.47 | -1.00 | 0.25 | 0.25 | 0.41 | 305000 | 220000 |
| 41.824232240 | -4.748090949 | 0.10 | -0.40 | -1.26 | 0.22 | 0.22 | 0.37 | 310000 | 220000 |
| 41.910405200 | -4.156076230 | 0.10 | -0.45 | -1.39 | 0.29 | 0.29 | 0.47 | 315000 | 220000 |
| 41.993084240 | -3.562613728 | 0.03 | -0.46 | -1.30 | 0.30 | 0.30 | 0.50 | 320000 | 220000 |
| 42.072255980 | -2.967755461 | -0.13 | -0.44 | -1.08 | 0.26 | 0.26 | 0.43 | 325000 | 220000 |
| 42.147907540 | -2.3715 | -0.27 | -0.41 | -0.79 | 0.24 | 0.24 | 0.39 | 330000 | 220000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 54646 | | | | | | | | |
| 42.2200264 80 | - 1.7740 65661 | -0.33 | -0.33 | -0.70 | 0.23 | 0.23 | 0.37 | 335000 0 | 220000 0 |
| 42.2886009 00 | - 1.1753 44014 | -0.31 | -0.18 | -0.66 | 0.23 | 0.23 | 0.38 | 340000 0 | 220000 0 |
| 42.3536193 60 | - 0.5754 46294 | -0.33 | -0.01 | -0.61 | 0.23 | 0.23 | 0.40 | 345000 0 | 220000 0 |
| 42.4150709 90 | 0.0255 69865 | -0.35 | 0.00 | -0.56 | 0.25 | 0.25 | 0.42 | 350000 0 | 220000 0 |
| 42.4729454 40 | 0.6276 45827 | -0.33 | -0.11 | -0.52 | 0.28 | 0.28 | 0.48 | 355000 0 | 220000 0 |
| 42.5272328 80 | 1.2307 22007 | -0.32 | -0.13 | -0.51 | 0.26 | 0.26 | 0.44 | 360000 0 | 220000 0 |
| 42.5779240 70 | 1.8347 37912 | -0.25 | -0.06 | -0.53 | 0.23 | 0.23 | 0.40 | 365000 0 | 220000 0 |
| 42.6250103 30 | 2.4396 32192 | -0.11 | 0.06 | -0.46 | 0.20 | 0.20 | 0.36 | 370000 0 | 220000 0 |
| 42.6684835 70 | 3.0453 42696 | -0.12 | -0.03 | -0.62 | 0.24 | 0.24 | 0.43 | 375000 0 | 220000 0 |
| 42.7083362 60 | 3.6518 06518 | -0.14 | -0.12 | -0.97 | 0.34 | 0.34 | 0.57 | 380000 0 | 220000 0 |
| 42.7771529 70 | 4.8667 39075 | -0.08 | -0.20 | -1.36 | 0.37 | 0.37 | 0.64 | 390000 0 | 220000 0 |
| 42.8061049 90 | 5.4750 78743 | -0.17 | -0.20 | -1.23 | 0.34 | 0.34 | 0.60 | 395000 0 | 220000 0 |
| 42.8314124 80 | 6.0839 13712 | -0.34 | -0.23 | -1.02 | 0.28 | 0.29 | 0.51 | 400000 0 | 220000 0 |
| 42.8530710 00 | 6.6931 78166 | -0.21 | -0.24 | -1.07 | 0.32 | 0.32 | 0.56 | 405000 0 | 220000 0 |
| 42.8710767 30 | 7.3028 05888 | -0.09 | -0.25 | -1.15 | 0.37 | 0.38 | 0.65 | 410000 0 | 220000 0 |
| 42.8961177 60 | 8.5228 84600 | 0.07 | -0.30 | -1.09 | 0.34 | 0.35 | 0.59 | 420000 0 | 220000 0 |
| 42.9031486 40 | 9.1332 01688 | 0.15 | -0.28 | -1.01 | 0.28 | 0.28 | 0.48 | 425000 0 | 220000 0 |
| 42.9065178 80 | 9.7436 14362 | 0.16 | -0.44 | -1.14 | 0.26 | 0.26 | 0.44 | 430000 0 | 220000 0 |
| 42.9062249 00 | 10.354 055320 | 0.19 | -0.86 | -1.22 | 0.25 | 0.26 | 0.44 | 435000 0 | 220000 0 |
| 42.9022697 30 | 10.964 457220 | 0.47 | -1.32 | -0.75 | 0.21 | 0.22 | 0.38 | 440000 0 | 220000 0 |
| 42.8946530 90 | 11.574 752770 | 0.89 | -1.54 | -0.28 | 0.23 | 0.24 | 0.41 | 445000 0 | 220000 0 |
| 42.8833763 20 | 12.184 874780 | 1.21 | -1.44 | -0.47 | 0.22 | 0.23 | 0.39 | 450000 0 | 220000 0 |
| 42.8684414 | 12.794 | 1.94 | -0.50 | -0.55 | 0.25 | 0.25 | 0.43 | 455000 | 220000 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 10 | 756220 | | | | | | | 0 | 0 |
| 42.849851010 | 13.404330280 | 2.97 | 0.93 | -0.32 | 0.23 | 0.24 | 0.41 | 460000 | 220000 |
| 42.827608380 | 14.013530460 | 3.00 | 1.58 | -0.44 | 0.23 | 0.25 | 0.43 | 465000 | 220000 |
| 42.801717460 | 14.622290590 | 2.76 | 1.34 | -0.59 | 0.34 | 0.35 | 0.59 | 470000 | 220000 |
| 42.772182770 | 15.230544930 | 2.59 | 1.01 | -0.71 | 0.38 | 0.39 | 0.67 | 475000 | 220000 |
| 42.739009490 | 15.838228220 | 2.49 | 0.79 | -0.87 | 0.39 | 0.39 | 0.69 | 480000 | 220000 |
| 42.702203420 | 16.445275700 | 2.45 | 0.70 | -1.11 | 0.39 | 0.39 | 0.70 | 485000 | 220000 |
| 42.661770960 | 17.051623250 | 2.51 | 0.70 | -1.47 | 0.39 | 0.39 | 0.68 | 490000 | 220000 |
| 42.617719120 | 17.657207370 | 2.77 | 0.73 | -1.91 | 0.33 | 0.33 | 0.56 | 495000 | 220000 |
| 42.570055510 | 18.261965260 | 2.76 | 0.61 | -2.03 | 0.24 | 0.25 | 0.42 | 500000 | 220000 |
| 42.518788320 | 18.865834910 | 1.58 | 0.18 | -1.36 | 0.35 | 0.36 | 0.61 | 505000 | 220000 |
| 42.463926320 | 19.468755100 | 0.61 | -0.02 | -0.76 | 0.33 | 0.33 | 0.59 | 510000 | 220000 |
| 42.405478860 | 20.070665470 | -0.34 | 0.27 | -0.41 | 0.20 | 0.23 | 0.47 | 515000 | 220000 |
| 42.343455820 | 20.671506600 | -1.42 | 0.80 | -0.75 | 0.27 | 0.28 | 0.52 | 520000 | 220000 |
| 42.277867660 | 21.271219990 | -2.13 | 1.07 | -0.85 | 0.27 | 0.28 | 0.50 | 525000 | 220000 |
| 42.208725340 | 21.869748190 | -2.58 | 0.92 | -0.76 | 0.26 | 0.26 | 0.45 | 530000 | 220000 |
| 42.136040360 | 22.467034770 | -3.00 | 0.46 | -0.56 | 0.24 | 0.24 | 0.42 | 535000 | 220000 |
| 42.059824730 | 23.063024400 | -3.15 | 0.27 | -0.34 | 0.24 | 0.24 | 0.41 | 540000 | 220000 |
| 41.980090940 | 23.657662890 | -2.93 | 0.45 | -0.20 | 0.24 | 0.24 | 0.40 | 545000 | 220000 |
| 41.896851960 | 24.250897210 | -2.64 | 0.41 | -0.28 | 0.28 | 0.28 | 0.46 | 550000 | 220000 |
| 41.810121250 | 24.842675540 | -2.34 | 0.06 | -0.42 | 0.25 | 0.25 | 0.43 | 555000 | 220000 |
| 41.719912690 | 25.432947290 | -1.93 | -0.22 | -0.53 | 0.23 | 0.23 | 0.40 | 560000 | 220000 |
| 41.626240610 | 26.021663150 | -1.46 | -0.15 | -0.62 | 0.24 | 0.25 | 0.42 | 565000 | 220000 |
| 41.529119770 | 26.608775100 | -1.68 | 0.08 | -0.71 | 0.23 | 0.24 | 0.44 | 570000 | 220000 |
| 41.4285653 | 27.194 | -1.81 | 0.05 | -0.67 | 0.29 | 0.29 | 0.50 | 575000 | 220000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 10 | 236450 | | | | | | | 0 | 0 |
| 41.3245927 80 | 27.778 001840 | -1.85 | -0.74 | -0.62 | 0.24 | 0.24 | 0.47 | 580000 | 220000 |
| 41.2172181 00 | 28.360 027310 | -1.57 | -0.91 | -0.63 | 0.31 | 0.31 | 0.54 | 585000 | 220000 |
| 41.1064575 40 | 28.940 270270 | -1.56 | -0.94 | -0.59 | 0.15 | 0.15 | 0.34 | 590000 | 220000 |
| 40.9923277 20 | 29.518 689530 | -1.32 | -4.64 | -0.80 | 0.26 | 0.26 | 0.45 | 595000 | 220000 |
| 40.8748455 60 | 30.095 245360 | -1.54 | -3.48 | -1.05 | 0.21 | 0.21 | 0.41 | 600000 | 220000 |
| 40.7540283 20 | 30.669 899410 | -1.59 | -4.47 | -0.91 | 0.26 | 0.26 | 0.52 | 605000 | 220000 |
| 40.6298935 30 | 31.242 614840 | -2.54 | -21.88 | -0.34 | 0.37 | 0.37 | 0.60 | 610000 | 220000 |
| 40.5024589 80 | 31.813 356210 | -2.45 | -21.84 | -0.19 | 0.35 | 0.35 | 0.60 | 615000 | 220000 |
| 40.3717427 60 | 32.382 089580 | -2.48 | -21.58 | -0.52 | 0.28 | 0.29 | 0.53 | 620000 | 220000 |
| 40.2377631 60 | 32.948 782470 | -1.15 | -21.30 | -0.76 | 0.31 | 0.31 | 0.53 | 625000 | 220000 |
| 40.1005387 00 | 33.513 403860 | 0.58 | -20.65 | -0.63 | 0.31 | 0.31 | 0.52 | 630000 | 220000 |
| 39.9600881 10 | 34.075 924210 | 1.88 | -20.19 | -0.51 | 0.30 | 0.31 | 0.53 | 635000 | 220000 |
| 39.8164303 30 | 34.636 315460 | 3.10 | -19.91 | -0.68 | 0.28 | 0.28 | 0.52 | 640000 | 220000 |
| 39.6695844 40 | 35.194 551000 | 4.39 | -19.51 | -0.89 | 0.32 | 0.32 | 0.57 | 645000 | 220000 |
| 39.5195696 90 | 35.750 605700 | 5.53 | -19.38 | -0.85 | 0.27 | 0.27 | 0.49 | 650000 | 220000 |
| 39.3664054 90 | 36.304 455880 | 6.27 | -18.78 | -0.70 | 0.32 | 0.32 | 0.53 | 655000 | 220000 |
| 39.2101113 30 | 36.856 079320 | 7.12 | -17.77 | -0.70 | 0.35 | 0.35 | 0.60 | 660000 | 220000 |
| 39.0507068 50 | 37.405 455240 | 8.10 | -16.78 | -0.98 | 0.34 | 0.34 | 0.62 | 665000 | 220000 |
| 38.8882117 70 | 37.952 564280 | 9.07 | -15.87 | -1.27 | 0.33 | 0.34 | 0.61 | 670000 | 220000 |
| 38.7226458 80 | 38.497 388510 | 9.87 | -15.31 | -1.37 | 0.31 | 0.32 | 0.59 | 675000 | 220000 |
| 38.5540290 30 | 39.039 911420 | 10.61 | -15.12 | -1.06 | 0.31 | 0.32 | 0.62 | 680000 | 220000 |
| 38.3823811 40 | 39.580 117860 | 12.89 | -8.26 | -0.35 | 0.29 | 0.28 | 0.58 | 685000 | 220000 |
| 38.2077221 50 | 40.117 994090 | 13.64 | -8.11 | 0.17 | 0.30 | 0.30 | 0.58 | 690000 | 220000 |
| 38.0300719 | 40.653 | 13.84 | -7.51 | 0.49 | 0.33 | 0.34 | 0.62 | 695000 | 220000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 90 | 527710 | | | | | | | 0 | 0 |
| 37.8494506 50 | 41.186 707680 | 14.02 | -6.81 | 0.67 | 0.25 | 0.24 | 0.57 | 700000 | 220000 |
| 37.6658780 60 | 41.717 524250 | 14.31 | -6.21 | 0.54 | 0.34 | 0.32 | 0.64 | 705000 | 220000 |
| 37.4793741 50 | 42.245 969030 | 14.82 | -5.65 | 0.23 | 0.40 | 0.38 | 0.72 | 710000 | 220000 |
| 37.2899588 20 | 42.772 034870 | 15.38 | -5.28 | 0.00 | 0.44 | 0.41 | 0.76 | 715000 | 220000 |
| 37.0976519 00 | 43.295 715890 | 15.79 | -5.12 | -0.12 | 0.46 | 0.42 | 0.78 | 720000 | 220000 |
| 36.9024731 70 | 43.817 007490 | 15.97 | -5.01 | -0.19 | 0.48 | 0.42 | 0.79 | 725000 | 220000 |
| 36.7044423 30 | 44.335 906240 | 16.17 | -4.87 | -0.26 | 0.50 | 0.43 | 0.80 | 730000 | 220000 |
| 36.5035790 20 | 44.852 409940 | 16.66 | -4.72 | -0.37 | 0.53 | 0.45 | 0.83 | 735000 | 220000 |
| 40.5751966 40 | - 9.2883 04339 | -0.07 | -0.64 | -1.16 | 0.36 | 0.36 | 0.64 | 270000 | 215000 |
| 40.6878720 60 | - 8.7132 43956 | -0.10 | -0.83 | -1.19 | 0.22 | 0.22 | 0.43 | 275000 | 215000 |
| 40.7971985 20 | - 8.1364 18187 | 0.05 | -0.85 | -1.02 | 0.25 | 0.25 | 0.44 | 280000 | 215000 |
| 40.9031599 60 | - 7.5578 67493 | 0.15 | -0.75 | -0.90 | 0.27 | 0.27 | 0.45 | 285000 | 215000 |
| 41.0057406 30 | - 6.9776 33681 | 0.15 | -0.68 | -1.08 | 0.25 | 0.25 | 0.42 | 290000 | 215000 |
| 41.1049251 70 | - 6.3957 59892 | 0.07 | -0.63 | -1.25 | 0.26 | 0.26 | 0.42 | 295000 | 215000 |
| 41.2006985 40 | - 5.8122 90576 | -0.01 | -0.56 | -0.99 | 0.28 | 0.28 | 0.46 | 300000 | 215000 |
| 41.2930461 20 | - 5.2272 71470 | -0.13 | -0.52 | -0.68 | 0.24 | 0.24 | 0.39 | 305000 | 215000 |
| 41.3819536 70 | - 4.6407 49577 | -0.16 | -0.54 | -0.76 | 0.25 | 0.25 | 0.41 | 310000 | 215000 |
| 41.4674073 50 | - 4.0527 73140 | -0.17 | -0.56 | -1.01 | 0.27 | 0.27 | 0.44 | 315000 | 215000 |
| 41.5493937 80 | - 3.4633 91609 | -0.21 | -0.53 | -1.04 | 0.27 | 0.27 | 0.45 | 320000 | 215000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 41.6278999 90 | - 2.8726 55615 | -0.29 | -0.46 | -1.04 | 0.27 | 0.27 | 0.44 | 325000 0 | 215000 0 |
| 41.7029134 80 | - 2.2806 16938 | -0.41 | -0.39 | -1.02 | 0.27 | 0.27 | 0.44 | 330000 0 | 215000 0 |
| 41.7744222 20 | - 1.6873 28468 | -0.48 | -0.32 | -1.09 | 0.24 | 0.24 | 0.40 | 335000 0 | 215000 0 |
| 41.8424146 50 | - 1.0928 44174 | -0.39 | -0.20 | -1.06 | 0.25 | 0.25 | 0.42 | 340000 0 | 215000 0 |
| 41.9068797 30 | - 0.4972 19059 | -0.29 | -0.11 | -0.89 | 0.26 | 0.26 | 0.43 | 345000 0 | 215000 0 |
| 41.9678069 00 | 0.0994 90874 | -0.29 | -0.17 | -0.73 | 0.23 | 0.24 | 0.40 | 350000 0 | 215000 0 |
| 42.0251861 30 | 0.6972 28667 | -0.34 | -0.32 | -0.67 | 0.25 | 0.25 | 0.42 | 355000 0 | 215000 0 |
| 42.0790079 30 | 1.2959 36452 | -0.32 | -0.34 | -0.66 | 0.27 | 0.27 | 0.46 | 360000 0 | 215000 0 |
| 42.1292633 30 | 1.8955 55498 | -0.19 | -0.17 | -0.64 | 0.25 | 0.26 | 0.43 | 365000 0 | 215000 0 |
| 42.1759439 40 | 2.4960 26254 | -0.04 | 0.04 | -0.56 | 0.19 | 0.19 | 0.33 | 370000 0 | 215000 0 |
| 42.2190419 00 | 3.0972 88403 | -0.22 | -0.07 | -0.67 | 0.23 | 0.23 | 0.39 | 375000 0 | 215000 0 |
| 42.2585499 60 | 3.6992 80909 | -0.22 | -0.14 | -0.89 | 0.34 | 0.34 | 0.58 | 380000 0 | 215000 0 |
| 42.4341015 00 | 7.9284 25689 | 0.03 | -0.32 | -1.27 | 0.37 | 0.37 | 0.64 | 415000 0 | 215000 0 |
| 42.4446994 90 | 8.5339 95565 | 0.12 | -0.43 | -1.34 | 0.24 | 0.24 | 0.42 | 420000 0 | 215000 0 |
| 42.4516690 10 | 9.1397 23229 | 0.09 | -0.38 | -1.21 | 0.23 | 0.23 | 0.39 | 425000 0 | 215000 0 |
| 42.4550088 40 | 9.7455 43536 | 0.04 | -0.52 | -1.21 | 0.27 | 0.27 | 0.45 | 430000 0 | 215000 0 |
| 42.4547184 10 | 10.351 391250 | 0.12 | -0.90 | -1.14 | 0.31 | 0.31 | 0.52 | 435000 0 | 215000 0 |
| 42.4507977 80 | 10.957 201120 | 0.35 | -1.39 | -0.70 | 0.24 | 0.24 | 0.41 | 440000 0 | 215000 0 |
| 42.4432476 10 | 11.562 907910 | 0.52 | -1.63 | -0.33 | 0.24 | 0.25 | 0.42 | 445000 0 | 215000 0 |
| 42.4320692 10 | 12.168 446500 | 0.52 | -1.73 | -0.41 | 0.25 | 0.26 | 0.43 | 450000 0 | 215000 0 |
| 42.4172645 20 | 12.773 751930 | 0.94 | -1.48 | -0.54 | 0.23 | 0.24 | 0.41 | 455000 0 | 215000 0 |
| 42.3988360 80 | 13.378 759430 | 2.27 | -0.41 | -0.40 | 0.16 | 0.18 | 0.32 | 460000 0 | 215000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 42.376787060 | 13.983404530 | 2.92 | 1.08 | -0.44 | 0.24 | 0.24 | 0.41 | 4650000 | 2150000 |
| 42.351121270 | 14.587623090 | 3.00 | 1.37 | -0.55 | 0.27 | 0.28 | 0.47 | 4700000 | 2150000 |
| 42.321843090 | 15.191351380 | 2.97 | 1.10 | -0.59 | 0.34 | 0.34 | 0.58 | 4750000 | 2150000 |
| 42.288957530 | 15.794526080 | 2.90 | 0.84 | -0.76 | 0.35 | 0.35 | 0.61 | 4800000 | 2150000 |
| 42.252470200 | 16.397084440 | 2.76 | 0.72 | -0.95 | 0.38 | 0.38 | 0.66 | 4850000 | 2150000 |
| 42.168715600 | 17.600103820 | 2.58 | 0.56 | -1.44 | 0.38 | 0.38 | 0.66 | 4950000 | 2150000 |
| 42.121462480 | 18.200442340 | 2.31 | 0.34 | -1.47 | 0.37 | 0.37 | 0.63 | 5000000 | 2150000 |
| 42.070635880 | 18.799919570 | 1.62 | -0.05 | -1.12 | 0.36 | 0.37 | 0.63 | 5050000 | 2150000 |
| 42.016244270 | 19.398476080 | 0.71 | -0.53 | -0.54 | 0.25 | 0.27 | 0.51 | 5100000 | 2150000 |
| 41.958296720 | 19.996053280 | -0.61 | -0.33 | -0.28 | 0.26 | 0.27 | 0.51 | 5150000 | 2150000 |
| 41.896802800 | 20.592593440 | -1.93 | 0.60 | -0.37 | 0.26 | 0.27 | 0.51 | 5200000 | 2150000 |
| 41.831772620 | 21.188039770 | -2.49 | 1.54 | -0.55 | 0.26 | 0.27 | 0.48 | 5250000 | 2150000 |
| 41.763216820 | 21.782336400 | -2.77 | 1.62 | -0.52 | 0.24 | 0.24 | 0.43 | 5300000 | 2150000 |
| 41.691146530 | 22.375428500 | -3.49 | 0.70 | -0.46 | 0.26 | 0.26 | 0.45 | 5350000 | 2150000 |
| 41.615573380 | 22.967262270 | -4.09 | 0.32 | -0.39 | 0.25 | 0.25 | 0.42 | 5400000 | 2150000 |
| 41.536509490 | 23.557785000 | -4.04 | 0.57 | -0.35 | 0.24 | 0.24 | 0.42 | 5450000 | 2150000 |
| 41.453967420 | 24.146945090 | -3.67 | 0.33 | -0.39 | 0.30 | 0.30 | 0.50 | 5500000 | 2150000 |
| 41.367960200 | 24.734692090 | -3.32 | -0.17 | -0.56 | 0.26 | 0.26 | 0.44 | 5550000 | 2150000 |
| 41.278501310 | 25.320976750 | -2.91 | -0.27 | -0.87 | 0.23 | 0.23 | 0.42 | 5600000 | 2150000 |
| 41.185604640 | 25.905751020 | -2.02 | -0.50 | -0.95 | 0.28 | 0.28 | 0.48 | 5650000 | 2150000 |
| 41.089284490 | 26.488968090 | -2.09 | -1.28 | -0.88 | 0.26 | 0.26 | 0.48 | 5700000 | 2150000 |
| 40.989555550 | 27.070582430 | -2.69 | -1.57 | -0.79 | 0.22 | 0.21 | 0.45 | 5750000 | 2150000 |
| 40.886432910 | 27.650549810 | -2.31 | -0.75 | -0.83 | 0.26 | 0.26 | 0.44 | 5800000 | 2150000 |
| 40.779932000 | 28.228827290 | -4.81 | -18.50 | -0.92 | 0.35 | 0.34 | 0.52 | 5850000 | 2150000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 40.6700686 20 | 28.805 373280 | -3.36 | -18.22 | -0.95 | 0.27 | 0.26 | 0.42 | 590000 0 | 215000 0 |
| 40.5568588 90 | 29.380 147540 | -2.43 | -19.47 | -1.06 | 0.15 | 0.13 | 0.39 | 595000 0 | 215000 0 |
| 40.4403192 40 | 29.953 111190 | -3.32 | -21.64 | -1.06 | 0.33 | 0.32 | 0.50 | 600000 0 | 215000 0 |
| 40.3204664 20 | 30.524 226730 | -3.25 | -22.28 | -0.62 | 0.36 | 0.35 | 0.56 | 605000 0 | 215000 0 |
| 40.1973174 50 | 31.093 458050 | -2.85 | -22.52 | 0.14 | 0.29 | 0.28 | 0.49 | 610000 0 | 215000 0 |
| 40.0708896 30 | 31.660 770450 | -2.81 | -22.56 | 0.18 | 0.29 | 0.29 | 0.48 | 615000 0 | 215000 0 |
| 39.9412005 00 | 32.226 130630 | -2.44 | -22.16 | -0.67 | 0.33 | 0.33 | 0.55 | 620000 0 | 215000 0 |
| 39.8082678 40 | 32.789 506710 | -1.60 | -22.25 | -1.38 | 0.19 | 0.19 | 0.36 | 625000 0 | 215000 0 |
| 39.6721096 60 | 33.350 868200 | 0.29 | -20.95 | -1.13 | 0.31 | 0.31 | 0.52 | 630000 0 | 215000 0 |
| 39.5327441 70 | 33.910 186070 | 1.61 | -20.02 | -0.94 | 0.32 | 0.33 | 0.55 | 635000 0 | 215000 0 |
| 39.3901897 50 | 34.467 432670 | 2.83 | -19.41 | -0.97 | 0.32 | 0.32 | 0.54 | 640000 0 | 215000 0 |
| 39.2444649 70 | 35.022 581790 | 4.18 | -18.82 | -1.19 | 0.33 | 0.32 | 0.57 | 645000 0 | 215000 0 |
| 39.0955885 60 | 35.575 608620 | 5.17 | -18.24 | -1.22 | 0.32 | 0.31 | 0.56 | 650000 0 | 215000 0 |
| 38.9435793 80 | 36.126 489770 | 5.99 | -17.62 | -1.05 | 0.33 | 0.33 | 0.57 | 655000 0 | 215000 0 |
| 38.7884564 10 | 36.675 203240 | 6.95 | -16.65 | -1.03 | 0.35 | 0.36 | 0.62 | 660000 0 | 215000 0 |
| 38.6302387 70 | 37.221 728440 | 8.00 | -15.92 | -1.22 | 0.28 | 0.29 | 0.56 | 665000 0 | 215000 0 |
| 38.4689456 30 | 37.766 046140 | 9.06 | -15.09 | -1.26 | 0.32 | 0.34 | 0.59 | 670000 0 | 215000 0 |
| 38.3045962 70 | 38.308 138500 | 10.10 | -14.59 | -1.18 | 0.27 | 0.31 | 0.59 | 675000 0 | 215000 0 |
| 38.1372100 30 | 38.847 989050 | 10.97 | -14.49 | -0.78 | 0.34 | 0.35 | 0.64 | 680000 0 | 215000 0 |
| 37.9668063 00 | 39.385 582650 | 13.09 | -7.81 | 0.02 | 0.32 | 0.31 | 0.58 | 685000 0 | 215000 0 |
| 37.7934044 90 | 39.920 905500 | 13.87 | -7.57 | 0.59 | 0.31 | 0.31 | 0.57 | 690000 0 | 215000 0 |
| 37.6170240 60 | 40.453 945140 | 14.01 | -7.04 | 0.95 | 0.32 | 0.32 | 0.58 | 695000 0 | 215000 0 |
| 37.4376844 60 | 40.984 690390 | 14.05 | -6.49 | 1.13 | 0.29 | 0.28 | 0.55 | 700000 0 | 215000 0 |
| 37.2554051 40 | 41.513 131360 | 14.39 | -6.07 | 0.88 | 0.32 | 0.32 | 0.62 | 705000 0 | 215000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 37.0702055 30 | 42.039 259430 | 14.78 | -5.64 | 0.39 | 0.42 | 0.41 | 0.75 | 710000 0 | 215000 0 |
| 36.8821050 30 | 42.563 067250 | 15.21 | -5.30 | 0.07 | 0.45 | 0.43 | 0.80 | 715000 0 | 215000 0 |
| 36.6911229 90 | 43.084 548670 | 15.60 | -5.06 | -0.12 | 0.47 | 0.44 | 0.82 | 720000 0 | 215000 0 |
| 40.0239971 50 | - 9.7226 41248 | -0.09 | -0.56 | -1.07 | 0.39 | 0.40 | 0.71 | 265000 0 | 210000 0 |
| 40.1390838 40 | - 9.1529 28923 | -0.03 | -0.73 | -1.17 | 0.33 | 0.34 | 0.59 | 270000 0 | 210000 0 |
| 40.2508601 40 | - 8.5814 63080 | 0.06 | -0.93 | -1.25 | 0.23 | 0.23 | 0.41 | 275000 0 | 210000 0 |
| 40.3593101 40 | - 8.0082 81944 | 0.19 | -0.90 | -0.99 | 0.26 | 0.26 | 0.45 | 280000 0 | 210000 0 |
| 40.4644182 40 | - 7.4334 25051 | 0.28 | -0.76 | -0.75 | 0.25 | 0.25 | 0.44 | 285000 0 | 210000 0 |
| 40.5661691 70 | - 6.8569 33230 | 0.21 | -0.65 | -0.93 | 0.22 | 0.22 | 0.38 | 290000 0 | 210000 0 |
| 40.6645480 10 | - 6.2788 48587 | 0.07 | -0.62 | -1.14 | 0.27 | 0.27 | 0.45 | 295000 0 | 210000 0 |
| 40.7595401 90 | - 5.6992 14484 | -0.06 | -0.57 | -1.03 | 0.26 | 0.26 | 0.43 | 300000 0 | 210000 0 |
| 40.8511315 00 | - 5.1180 75520 | -0.13 | -0.56 | -0.60 | 0.24 | 0.24 | 0.39 | 305000 0 | 210000 0 |
| 40.9393081 60 | - 4.5354 77505 | -0.16 | -0.64 | -0.38 | 0.27 | 0.27 | 0.44 | 310000 0 | 210000 0 |
| 41.0240567 40 | - 3.9514 67437 | -0.23 | -0.69 | -0.46 | 0.26 | 0.26 | 0.42 | 315000 0 | 210000 0 |
| 41.1053642 60 | - 3.3660 93471 | -0.33 | -0.66 | -0.73 | 0.24 | 0.24 | 0.39 | 320000 0 | 210000 0 |
| 41.1832181 50 | - 2.7794 04893 | -0.38 | -0.57 | -0.98 | 0.31 | 0.31 | 0.51 | 325000 0 | 210000 0 |
| 41.2576063 00 | - 2.1914 52087 | -0.46 | -0.49 | -1.20 | 0.25 | 0.25 | 0.42 | 330000 0 | 210000 0 |
| 41.3285170 50 | - 1.6022 86500 | -0.50 | -0.49 | -1.38 | 0.23 | 0.23 | 0.39 | 335000 0 | 210000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 41.3959392 00 | - 1.0119 60611 | -0.40 | -0.42 | -1.26 | 0.25 | 0.25 | 0.41 | 340000 0 | 210000 0 |
| 41.4598620 40 | - 0.4205 27889 | -0.28 | -0.34 | -0.98 | 0.25 | 0.25 | 0.41 | 345000 0 | 210000 0 |
| 41.5202753 50 | 0.1719 57241 | -0.23 | -0.40 | -0.82 | 0.23 | 0.24 | 0.39 | 350000 0 | 210000 0 |
| 41.5771694 20 | 0.7654 39444 | -0.26 | -0.52 | -0.79 | 0.24 | 0.24 | 0.40 | 355000 0 | 210000 0 |
| 41.6305350 40 | 1.3598 62512 | -0.26 | -0.54 | -0.79 | 0.22 | 0.23 | 0.39 | 360000 0 | 210000 0 |
| 41.6803635 50 | 1.9551 69414 | -0.18 | -0.35 | -0.79 | 0.24 | 0.25 | 0.42 | 365000 0 | 210000 0 |
| 41.7266467 90 | 2.5513 02336 | -0.19 | -0.14 | -0.84 | 0.25 | 0.26 | 0.42 | 370000 0 | 210000 0 |
| 41.7693771 80 | 3.1482 02731 | -0.26 | -0.10 | -0.86 | 0.29 | 0.29 | 0.49 | 375000 0 | 210000 0 |
| 41.8085476 80 | 3.7458 11369 | -0.19 | -0.12 | -0.90 | 0.38 | 0.38 | 0.66 | 380000 0 | 210000 0 |
| 41.9825923 10 | 7.9438 07024 | 0.04 | -0.31 | -1.34 | 0.37 | 0.37 | 0.65 | 415000 0 | 210000 0 |
| 41.9930989 60 | 8.5448 84131 | 0.09 | -0.40 | -1.56 | 0.26 | 0.27 | 0.46 | 420000 0 | 210000 0 |
| 42.0000083 90 | 9.1461 14202 | -0.04 | -0.39 | -1.67 | 0.21 | 0.22 | 0.37 | 425000 0 | 210000 0 |
| 42.0033194 20 | 9.7474 34080 | -0.09 | -0.50 | -1.46 | 0.30 | 0.30 | 0.51 | 430000 0 | 210000 0 |
| 42.0030315 00 | 10.348 780530 | 0.02 | -0.75 | -1.16 | 0.36 | 0.36 | 0.62 | 435000 0 | 210000 0 |
| 41.9991446 70 | 10.950 090290 | 0.10 | -1.06 | -0.84 | 0.35 | 0.35 | 0.60 | 440000 0 | 210000 0 |
| 41.9916595 90 | 11.551 300120 | 0.04 | -1.30 | -0.60 | 0.28 | 0.29 | 0.50 | 445000 0 | 210000 0 |
| 41.9805775 30 | 12.152 346910 | -0.11 | -1.40 | -0.50 | 0.23 | 0.24 | 0.41 | 450000 0 | 210000 0 |
| 41.9659003 50 | 12.753 167640 | 0.28 | -1.33 | -0.25 | 0.22 | 0.23 | 0.39 | 455000 0 | 210000 0 |
| 41.9476305 20 | 13.353 699560 | 1.41 | -0.85 | -0.04 | 0.25 | 0.25 | 0.43 | 460000 0 | 210000 0 |
| 41.9257711 10 | 13.953 880130 | 2.51 | 0.21 | -0.05 | 0.24 | 0.25 | 0.42 | 465000 0 | 210000 0 |
| 41.9003257 90 | 14.553 647180 | 3.18 | 1.05 | -0.19 | 0.23 | 0.24 | 0.41 | 470000 0 | 210000 0 |
| 41.8712988 20 | 15.152 938870 | 3.53 | 1.09 | -0.26 | 0.25 | 0.26 | 0.45 | 475000 0 | 210000 0 |
| 41.8386950 50 | 15.751 693830 | 3.62 | 0.85 | -0.54 | 0.19 | 0.21 | 0.37 | 480000 0 | 210000 0 |
| 41.8025199 | 16.349 | 3.34 | 0.80 | -0.65 | 0.32 | 0.32 | 0.55 | 485000 | 210000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|------------------|-------|--------|-------|------------|------------|-------------|-------------|-------------|
| 00 | 851150 | | | | | | | 0 | 0 |
| 41.6222340 20 | 18.735 306060 | 1.84 | -0.13 | -1.04 | 0.37 | 0.38 | 0.67 | 505000 0 | 210000 0 |
| 41.5683032 50 | 19.329 582410 | 1.21 | -0.61 | -0.89 | 0.29 | 0.31 | 0.58 | 510000 0 | 210000 0 |
| 41.5108454 70 | 19.922 908830 | -0.22 | -0.75 | -0.53 | 0.25 | 0.27 | 0.52 | 515000 0 | 210000 0 |
| 41.4498699 70 | 20.515 229270 | -2.15 | 0.18 | -0.28 | 0.22 | 0.24 | 0.48 | 520000 0 | 210000 0 |
| 41.3853865 40 | 21.106 488530 | -2.98 | 1.48 | -0.42 | 0.26 | 0.27 | 0.50 | 525000 0 | 210000 0 |
| 41.3174054 80 | 21.696 632340 | -3.47 | 1.79 | -0.60 | 0.25 | 0.26 | 0.50 | 530000 0 | 210000 0 |
| 41.2459375 80 | 22.285 607380 | -4.46 | 1.02 | -0.79 | 0.28 | 0.27 | 0.47 | 535000 0 | 210000 0 |
| 41.1709941 10 | 22.873 361340 | -5.50 | 0.85 | -0.94 | 0.26 | 0.22 | 0.39 | 540000 0 | 210000 0 |
| 41.0925868 10 | 23.459 842940 | -5.68 | 1.13 | -0.74 | 0.25 | 0.24 | 0.46 | 545000 0 | 210000 0 |
| 41.0107278 70 | 24.045 001970 | -4.97 | 0.51 | -0.54 | 0.29 | 0.29 | 0.52 | 550000 0 | 210000 0 |
| 40.9254299 20 | 24.628 789310 | -3.99 | -0.09 | -0.61 | 0.22 | 0.22 | 0.42 | 555000 0 | 210000 0 |
| 40.8367060 10 | 25.211 157010 | -3.02 | -0.21 | -0.90 | 0.28 | 0.28 | 0.49 | 560000 0 | 210000 0 |
| 40.7445696 10 | 25.792 058240 | -1.77 | -0.39 | -1.02 | 0.25 | 0.25 | 0.49 | 565000 0 | 210000 0 |
| 40.6490346 10 | 26.371 447390 | -1.82 | -1.31 | -0.82 | 0.31 | 0.31 | 0.46 | 570000 0 | 210000 0 |
| 40.5501152 40 | 26.949 280070 | -7.55 | -15.68 | -0.75 | 0.32 | 0.30 | 0.49 | 575000 0 | 210000 0 |
| 40.4478261 50 | 27.525 513100 | -6.62 | -17.95 | -0.94 | 0.26 | 0.24 | 0.42 | 580000 0 | 210000 0 |
| 40.3421823 10 | 28.100 104580 | -5.09 | -19.67 | -1.18 | 0.27 | 0.25 | 0.44 | 585000 0 | 210000 0 |
| 40.2331990 50 | 28.673 013890 | -4.13 | -20.37 | -1.40 | 0.28 | 0.26 | 0.44 | 590000 0 | 210000 0 |
| 40.1208920 10 | 29.244 201710 | -4.10 | -21.98 | -1.53 | 0.25 | 0.24 | 0.42 | 595000 0 | 210000 0 |
| 40.0052771 50 | 29.813 630010 | -4.19 | -22.71 | -1.11 | 0.28 | 0.27 | 0.48 | 600000 0 | 210000 0 |
| 39.8863707 30 | 30.381 262110 | -3.75 | -22.82 | -0.53 | 0.28 | 0.27 | 0.48 | 605000 0 | 210000 0 |
| 39.7641892 80 | 30.947 062660 | -3.39 | -22.72 | -0.03 | 0.32 | 0.32 | 0.54 | 610000 0 | 210000 0 |
| 39.6387496 00 | 31.510 997650 | -3.22 | -22.84 | -0.07 | 0.28 | 0.28 | 0.49 | 615000 0 | 210000 0 |
| 39.5100687 | 32.073 | -2.54 | -21.95 | -0.89 | 0.32 | 0.32 | 0.55 | 620000 | 210000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|--------|-------|---------|---------|----------|---------|----------|
| 20 | 034430 | | | | | | | 0 | 0 |
| 39.378163940 | 32.633141700 | -1.44 | -21.02 | -1.44 | 0.28 | 0.28 | 0.50 | 6250000 | 2100000 |
| 39.243052740 | 33.191289540 | 0.02 | -20.07 | -1.27 | 0.31 | 0.31 | 0.53 | 6300000 | 2100000 |
| 39.104752820 | 33.747449390 | 1.38 | -19.31 | -1.09 | 0.32 | 0.32 | 0.54 | 6350000 | 2100000 |
| 38.963282060 | 34.301594050 | 2.69 | -18.68 | -1.02 | 0.29 | 0.29 | 0.50 | 6400000 | 2100000 |
| 38.818658530 | 34.853697690 | 4.08 | -17.98 | -1.06 | 0.30 | 0.30 | 0.54 | 6450000 | 2100000 |
| 38.670900420 | 35.403735840 | 4.91 | -16.79 | -1.25 | 0.28 | 0.28 | 0.55 | 6500000 | 2100000 |
| 38.520026090 | 35.951685410 | 5.77 | -16.02 | -1.17 | 0.32 | 0.32 | 0.59 | 6550000 | 2100000 |
| 38.366054010 | 36.497524630 | 6.72 | -15.27 | -1.13 | 0.32 | 0.32 | 0.58 | 6600000 | 2100000 |
| 38.209002780 | 37.041233110 | 7.85 | -14.54 | -1.13 | 0.27 | 0.27 | 0.47 | 6650000 | 2100000 |
| 38.048891060 | 37.582791770 | 8.98 | -14.17 | -1.26 | 0.31 | 0.31 | 0.54 | 6700000 | 2100000 |
| 37.885737640 | 38.122182890 | 12.25 | -7.71 | -1.35 | 0.35 | 0.29 | 0.58 | 6750000 | 2100000 |
| 37.719561330 | 38.659390050 | 12.73 | -7.77 | -0.81 | 0.36 | 0.33 | 0.61 | 6800000 | 2100000 |
| 37.550381020 | 39.194398130 | 13.22 | -7.62 | 0.14 | 0.33 | 0.31 | 0.57 | 6850000 | 2100000 |
| 37.378215630 | 39.727193320 | 14.01 | -7.26 | 1.09 | 0.26 | 0.24 | 0.45 | 6900000 | 2100000 |
| 37.203084110 | 40.257763080 | 14.04 | -6.70 | 1.20 | 0.33 | 0.32 | 0.57 | 6950000 | 2100000 |
| 37.025005430 | 40.786096160 | 14.04 | -6.18 | 1.08 | 0.35 | 0.34 | 0.63 | 7000000 | 2100000 |
| 36.843998550 | 41.312182520 | 14.33 | -5.82 | 0.73 | 0.39 | 0.40 | 0.72 | 7050000 | 2100000 |
| 36.660082400 | 41.836013380 | 14.70 | -5.47 | 0.35 | 0.43 | 0.43 | 0.79 | 7100000 | 2100000 |
| 36.473275920 | 42.357581160 | 15.09 | -5.16 | 0.05 | 0.46 | 0.45 | 0.82 | 7150000 | 2100000 |
| 39.470838710 | -10.150785990 | -0.15 | -0.55 | -1.02 | 0.41 | 0.41 | 0.74 | 2600000 | 2050000 |
| 39.588294160 | -9.586301444 | -0.16 | -0.70 | -1.05 | 0.35 | 0.35 | 0.62 | 2650000 | 2050000 |
| 39.702476810 | -9.020076580 | 0.01 | -0.82 | -1.08 | 0.27 | 0.27 | 0.48 | 2700000 | 2050000 |
| 39.8133709 | - | 0.22 | -0.92 | -1.08 | 0.26 | 0.26 | 0.45 | 2750000 | 2050000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 20 | 8.4521 47499 | | | | | | | 0 | 0 |
| 39.9209610 50 | - 7.8825 51570 | 0.25 | -0.90 | -0.88 | 0.27 | 0.27 | 0.46 | 280000 0 | 205000 0 |
| 40.0252320 50 | - 7.3113 27424 | 0.29 | -0.85 | -0.61 | 0.26 | 0.26 | 0.45 | 285000 0 | 205000 0 |
| 40.1261691 10 | - 6.7385 14929 | 0.31 | -0.88 | -0.71 | 0.27 | 0.27 | 0.45 | 290000 0 | 205000 0 |
| 40.2237577 40 | - 6.1641 55183 | 0.15 | -0.85 | -1.02 | 0.30 | 0.30 | 0.49 | 295000 0 | 205000 0 |
| 40.3179838 10 | - 5.5882 90487 | -0.05 | -0.79 | -1.15 | 0.28 | 0.28 | 0.46 | 300000 0 | 205000 0 |
| 40.4088335 40 | - 5.0109 64328 | -0.13 | -0.74 | -0.79 | 0.27 | 0.27 | 0.44 | 305000 0 | 205000 0 |
| 40.4962935 50 | - 4.4322 21356 | -0.17 | -0.75 | -0.25 | 0.20 | 0.20 | 0.34 | 310000 0 | 205000 0 |
| 40.5803508 40 | - 3.8521 07357 | -0.28 | -0.78 | -0.21 | 0.23 | 0.23 | 0.38 | 315000 0 | 205000 0 |
| 40.6609927 90 | - 3.2706 69228 | -0.35 | -0.81 | -0.57 | 0.21 | 0.21 | 0.35 | 320000 0 | 205000 0 |
| 40.7382072 50 | - 2.6879 54948 | -0.41 | -0.75 | -0.92 | 0.31 | 0.31 | 0.52 | 325000 0 | 205000 0 |
| 40.8119824 50 | - 2.1040 13546 | -0.43 | -0.69 | -1.17 | 0.33 | 0.33 | 0.54 | 330000 0 | 205000 0 |
| 40.8823071 00 | - 1.5188 95073 | -0.39 | -0.69 | -1.29 | 0.28 | 0.28 | 0.46 | 335000 0 | 205000 0 |
| 40.9491703 50 | - 0.9326 50563 | -0.33 | -0.62 | -1.13 | 0.25 | 0.25 | 0.41 | 340000 0 | 205000 0 |
| 41.0125618 10 | - 0.3453 32000 | -0.29 | -0.47 | -0.86 | 0.26 | 0.26 | 0.43 | 345000 0 | 205000 0 |
| 41.0724715 90 | 0.2430 07719 | -0.27 | -0.41 | -0.73 | 0.25 | 0.25 | 0.42 | 350000 0 | 205000 0 |
| 41.1288902 70 | 0.8323 14827 | -0.23 | -0.45 | -0.72 | 0.28 | 0.28 | 0.47 | 355000 0 | 205000 0 |
| 41.1818089 30 | 1.4225 34722 | -0.22 | -0.44 | -0.67 | 0.25 | 0.25 | 0.43 | 360000 0 | 205000 0 |
| 41.2312191 | 2.0136 | -0.20 | -0.39 | -0.70 | 0.22 | 0.22 | 0.37 | 365000 | 205000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|-------|-------|-------|---------|---------|----------|---------|----------|
| 80 | 12014 | | | | | | | 0 | 0 |
| 41.277113130 | 2.605490566 | -0.18 | -0.24 | -0.84 | 0.32 | 0.32 | 0.54 | 370000 | 205000 |
| 41.319483430 | 3.198113542 | -0.16 | -0.15 | -0.88 | 0.38 | 0.38 | 0.65 | 375000 | 205000 |
| 41.530891870 | 7.958882902 | 0.03 | -0.29 | -1.29 | 0.38 | 0.38 | 0.68 | 415000 | 205000 |
| 41.541309060 | 8.555556382 | 0.08 | -0.32 | -1.41 | 0.29 | 0.29 | 0.51 | 420000 | 205000 |
| 41.548159640 | 9.152378178 | 0.03 | -0.33 | -1.55 | 0.22 | 0.22 | 0.38 | 425000 | 205000 |
| 41.551442460 | 9.749287054 | -0.07 | -0.44 | -1.47 | 0.33 | 0.34 | 0.57 | 430000 | 205000 |
| 41.539881950 | 11.539922930 | -0.02 | -0.88 | -0.87 | 0.37 | 0.37 | 0.64 | 445000 | 205000 |
| 41.528894240 | 12.136567010 | 0.05 | -0.94 | -0.88 | 0.30 | 0.31 | 0.53 | 450000 | 205000 |
| 41.514341940 | 12.732991900 | 0.64 | -0.88 | -0.81 | 0.19 | 0.20 | 0.36 | 455000 | 205000 |
| 41.496227460 | 13.329136730 | 1.30 | -0.94 | -0.28 | 0.24 | 0.25 | 0.42 | 460000 | 205000 |
| 41.474553760 | 13.924940880 | 1.86 | -0.78 | -0.27 | 0.22 | 0.23 | 0.39 | 465000 | 205000 |
| 41.449324400 | 14.520344020 | 2.45 | 0.07 | -0.17 | 0.21 | 0.22 | 0.39 | 470000 | 205000 |
| 41.420543500 | 15.115286200 | 3.36 | 0.74 | 0.08 | 0.21 | 0.22 | 0.39 | 475000 | 205000 |
| 41.388215740 | 15.709707850 | 3.90 | 0.89 | -0.09 | 0.26 | 0.27 | 0.45 | 480000 | 205000 |
| 41.352346390 | 16.303549910 | 4.02 | 1.00 | -0.23 | 0.25 | 0.26 | 0.44 | 485000 | 205000 |
| 41.312941260 | 16.896753800 | 3.51 | 0.79 | -0.39 | 0.29 | 0.30 | 0.51 | 490000 | 205000 |
| 41.270006710 | 17.489261510 | 2.98 | 0.55 | -0.65 | 0.35 | 0.35 | 0.61 | 495000 | 205000 |
| 41.223549640 | 18.081015660 | 2.64 | 0.35 | -0.89 | 0.37 | 0.38 | 0.66 | 500000 | 205000 |
| 41.120098260 | 19.262037080 | 1.84 | -0.47 | -1.13 | 0.30 | 0.32 | 0.60 | 510000 | 205000 |
| 41.063120390 | 19.851193050 | 0.57 | -0.78 | -0.87 | 0.23 | 0.26 | 0.53 | 515000 | 205000 |
| 41.002652900 | 20.439372980 | -1.67 | -0.31 | -0.46 | 0.25 | 0.27 | 0.54 | 520000 | 205000 |
| 40.938705270 | 21.026523220 | -3.26 | 0.85 | -0.42 | 0.26 | 0.29 | 0.58 | 525000 | 205000 |
| 40.871287490 | 21.612591040 | -4.47 | 1.33 | -0.60 | 0.26 | 0.29 | 0.60 | 530000 | 205000 |
| 40.8004100 | 22.197 | -5.89 | 1.14 | -0.96 | 0.29 | 0.30 | 0.58 | 535000 | 205000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|--------|--------|-------|---------|---------|----------|---------|----------|
| 10 | 524580 | | | | | | | 0 | 0 |
| 40.726083750 | 22.781272980 | -7.00 | 1.12 | -1.12 | 0.28 | 0.28 | 0.55 | 540000 | 205000 |
| 40.648320100 | 23.363786350 | -7.00 | 0.99 | -0.82 | 0.30 | 0.30 | 0.58 | 545000 | 205000 |
| 40.567130860 | 23.945015810 | -6.46 | 0.74 | -0.56 | 0.24 | 0.25 | 0.55 | 550000 | 205000 |
| 40.482528280 | 24.524913570 | -4.50 | 0.08 | -0.58 | 0.32 | 0.32 | 0.55 | 555000 | 205000 |
| 40.394525030 | 25.103432900 | -3.02 | -0.19 | -0.73 | 0.37 | 0.36 | 0.56 | 560000 | 205000 |
| 40.303134170 | 25.680528190 | -12.85 | -17.38 | -0.75 | 0.38 | 0.36 | 0.56 | 565000 | 205000 |
| 40.208369160 | 26.256154990 | -9.82 | -17.55 | -0.58 | 0.28 | 0.25 | 0.43 | 570000 | 205000 |
| 40.110243820 | 26.830269990 | -8.94 | -18.19 | -0.54 | 0.30 | 0.28 | 0.46 | 575000 | 205000 |
| 40.008772350 | 27.402831080 | -8.56 | -19.60 | -0.67 | 0.25 | 0.22 | 0.40 | 580000 | 205000 |
| 39.903969280 | 27.973797350 | -6.38 | -21.07 | -0.81 | 0.28 | 0.27 | 0.45 | 585000 | 205000 |
| 39.795849490 | 28.543129150 | -5.60 | -21.88 | -0.96 | 0.33 | 0.32 | 0.54 | 590000 | 205000 |
| 39.684428170 | 29.110788030 | -4.90 | -22.57 | -1.05 | 0.26 | 0.28 | 0.47 | 595000 | 205000 |
| 39.569720810 | 29.676736840 | -4.90 | -22.39 | -0.80 | 0.29 | 0.29 | 0.49 | 600000 | 205000 |
| 39.451743190 | 30.240939680 | -4.40 | -22.29 | -0.51 | 0.30 | 0.29 | 0.51 | 605000 | 205000 |
| 39.330511370 | 30.803361930 | -3.88 | -22.25 | -0.41 | 0.33 | 0.33 | 0.56 | 610000 | 205000 |
| 39.206041670 | 31.363970290 | -3.55 | -22.19 | -0.70 | 0.29 | 0.29 | 0.52 | 615000 | 205000 |
| 39.078350640 | 31.922732750 | -2.90 | -21.37 | -1.25 | 0.31 | 0.30 | 0.52 | 620000 | 205000 |
| 38.947455080 | 32.479618600 | -1.45 | -20.31 | -1.33 | 0.33 | 0.33 | 0.56 | 625000 | 205000 |
| 38.813371990 | 33.034598450 | 0.15 | -19.55 | -1.15 | 0.29 | 0.28 | 0.51 | 630000 | 205000 |
| 38.676118570 | 33.587644250 | 1.46 | -18.41 | -1.00 | 0.36 | 0.36 | 0.61 | 635000 | 205000 |
| 38.535712220 | 34.138729230 | 2.81 | -17.59 | -0.86 | 0.35 | 0.35 | 0.60 | 640000 | 205000 |
| 38.392170470 | 34.687827950 | 4.13 | -16.87 | -0.78 | 0.29 | 0.29 | 0.52 | 645000 | 205000 |
| 38.245511060 | 35.234916300 | 4.96 | -15.76 | -0.94 | 0.33 | 0.34 | 0.58 | 650000 | 205000 |
| 38.0957518 | 35.779 | 5.75 | -14.84 | -1.13 | 0.32 | 0.33 | 0.59 | 655000 | 205000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|---------------|-------|--------|-------|---------|---------|----------|---------|----------|
| 30 | 971480 | | | | | | | 0 | 0 |
| 37.942910750 | 36.322971980 | 6.70 | -14.14 | -1.21 | 0.32 | 0.33 | 0.58 | 660000 | 205000 |
| 37.787005920 | 36.863897620 | 7.79 | -13.66 | -1.27 | 0.33 | 0.33 | 0.56 | 665000 | 205000 |
| 37.628055520 | 37.402729480 | 8.88 | -13.49 | -1.43 | 0.33 | 0.34 | 0.58 | 670000 | 205000 |
| 37.466077830 | 37.939449960 | 12.25 | -7.54 | -1.41 | 0.40 | 0.34 | 0.62 | 675000 | 205000 |
| 37.301091170 | 38.474042720 | 12.83 | -7.73 | -0.93 | 0.37 | 0.34 | 0.61 | 680000 | 205000 |
| 37.133113940 | 39.006492690 | 13.38 | -7.65 | -0.14 | 0.32 | 0.32 | 0.57 | 685000 | 205000 |
| 36.962164580 | 39.536786060 | 13.77 | -6.96 | 0.70 | 0.34 | 0.33 | 0.58 | 690000 | 205000 |
| 36.788261560 | 40.064910260 | 13.89 | -6.39 | 0.86 | 0.38 | 0.38 | 0.66 | 695000 | 205000 |
| 36.611423350 | 40.590853930 | 13.99 | -5.92 | 0.71 | 0.41 | 0.42 | 0.74 | 700000 | 205000 |
| 36.431668430 | 41.114606960 | 14.25 | -5.55 | 0.46 | 0.43 | 0.44 | 0.79 | 705000 | 205000 |
| 39.035533660 | -10.013578880 | -0.22 | -0.76 | -1.07 | 0.38 | 0.38 | 0.68 | 260000 | 200000 |
| 39.152080830 | -9.452478157 | -0.30 | -0.99 | -1.07 | 0.29 | 0.30 | 0.52 | 265000 | 200000 |
| 39.265376270 | -8.889685615 | -0.02 | -0.99 | -1.00 | 0.25 | 0.26 | 0.44 | 270000 | 200000 |
| 39.375404720 | -8.325236561 | 0.32 | -0.94 | -1.00 | 0.22 | 0.22 | 0.41 | 275000 | 200000 |
| 39.482151170 | -7.759167525 | 0.19 | -0.92 | -0.92 | 0.27 | 0.28 | 0.48 | 280000 | 200000 |
| 39.585600920 | -7.191516246 | 0.18 | -0.99 | -0.70 | 0.27 | 0.27 | 0.47 | 285000 | 200000 |
| 39.685739580 | -6.622321658 | 0.32 | -1.11 | -0.69 | 0.28 | 0.28 | 0.47 | 290000 | 200000 |
| 39.782553110 | -6.051623869 | 0.19 | -1.15 | -0.94 | 0.28 | 0.28 | 0.45 | 295000 | 200000 |
| 39.876027790 | -5.479464147 | -0.08 | -1.10 | -1.22 | 0.24 | 0.24 | 0.39 | 300000 | 200000 |
| 39.966150250 | -4.9058 | -0.18 | -0.90 | -0.87 | 0.30 | 0.30 | 0.50 | 305000 | 200000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 84895 | | | | | | | | |
| 40.0529075 00 | - 4.3309 29632 | -0.26 | -0.79 | -0.42 | 0.28 | 0.28 | 0.46 | 310000 0 | 200000 0 |
| 40.1362869 40 | - 3.7546 42967 | -0.39 | -0.79 | -0.31 | 0.23 | 0.23 | 0.39 | 315000 0 | 200000 0 |
| 40.2162763 40 | - 3.1770 70573 | -0.45 | -0.88 | -0.59 | 0.29 | 0.29 | 0.47 | 320000 0 | 200000 0 |
| 40.2928639 00 | - 2.5982 59159 | -0.50 | -0.93 | -0.91 | 0.31 | 0.31 | 0.52 | 325000 0 | 200000 0 |
| 40.3660382 30 | - 2.0182 56442 | -0.48 | -0.90 | -1.13 | 0.29 | 0.30 | 0.50 | 330000 0 | 200000 0 |
| 40.4357883 60 | - 1.4371 11117 | -0.29 | -0.76 | -1.21 | 0.23 | 0.23 | 0.39 | 335000 0 | 200000 0 |
| 40.5021037 90 | - 0.8548 72818 | -0.24 | -0.59 | -1.05 | 0.25 | 0.25 | 0.40 | 340000 0 | 200000 0 |
| 40.5649744 50 | - 0.2715 92091 | -0.25 | -0.52 | -0.84 | 0.25 | 0.25 | 0.42 | 345000 0 | 200000 0 |
| 40.6243907 40 | 0.3126 79646 | -0.26 | -0.49 | -0.74 | 0.24 | 0.24 | 0.40 | 350000 0 | 200000 0 |
| 40.6803435 40 | 0.8978 90141 | -0.22 | -0.47 | -0.74 | 0.31 | 0.31 | 0.53 | 355000 0 | 200000 0 |
| 40.7328242 20 | 1.4839 86346 | -0.17 | -0.42 | -0.76 | 0.35 | 0.35 | 0.59 | 360000 0 | 200000 0 |
| 40.7818246 30 | 2.0709 14456 | -0.13 | -0.34 | -0.81 | 0.36 | 0.36 | 0.62 | 365000 0 | 200000 0 |
| 41.0789931 20 | 7.9736 61587 | 0.00 | -0.32 | -1.21 | 0.37 | 0.38 | 0.67 | 415000 0 | 200000 0 |
| 41.0893226 90 | 8.5660 18172 | 0.05 | -0.39 | -1.24 | 0.31 | 0.32 | 0.56 | 420000 0 | 200000 0 |
| 41.0961156 20 | 9.1585 18597 | 0.11 | -0.39 | -1.29 | 0.24 | 0.26 | 0.45 | 425000 0 | 200000 0 |
| 41.0993708 10 | 9.7511 03472 | -0.04 | -0.42 | -1.38 | 0.29 | 0.31 | 0.53 | 430000 0 | 200000 0 |
| 41.0990877 40 | 10.343 713330 | -0.07 | -0.47 | -1.22 | 0.38 | 0.39 | 0.67 | 435000 0 | 200000 0 |
| 41.0770122 90 | 12.121 098160 | 0.21 | -0.61 | -0.94 | 0.37 | 0.38 | 0.66 | 450000 0 | 200000 0 |
| 41.0625823 30 | 12.713 213660 | 0.56 | -0.61 | -0.80 | 0.29 | 0.31 | 0.54 | 455000 0 | 200000 0 |
| 41.0446200 20 | 13.305 057540 | 1.08 | -0.68 | -0.49 | 0.25 | 0.27 | 0.46 | 460000 0 | 200000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 41.0231282 40 | 13.896 571000 | 1.47 | -1.06 | -0.65 | 0.26 | 0.27 | 0.45 | 465000 0 | 200000 0 |
| 40.9981104 30 | 14.487 695520 | 1.68 | -1.16 | -0.80 | 0.23 | 0.23 | 0.41 | 470000 0 | 200000 0 |
| 40.9695705 80 | 15.078 372930 | 2.38 | -0.45 | -0.33 | 0.21 | 0.22 | 0.39 | 475000 0 | 200000 0 |
| 40.9375132 40 | 15.668 545460 | 3.47 | 0.45 | -0.12 | 0.22 | 0.22 | 0.38 | 480000 0 | 200000 0 |
| 40.9019434 90 | 16.258 155760 | 4.09 | 0.92 | -0.15 | 0.22 | 0.22 | 0.37 | 485000 0 | 200000 0 |
| 40.8628669 60 | 16.847 147010 | 3.84 | 0.77 | -0.18 | 0.23 | 0.24 | 0.40 | 490000 0 | 200000 0 |
| 40.8202898 20 | 17.435 462900 | 3.44 | 0.58 | -0.40 | 0.24 | 0.25 | 0.45 | 495000 0 | 200000 0 |
| 40.7742187 60 | 18.023 047710 | 3.30 | 0.63 | -0.78 | 0.29 | 0.29 | 0.53 | 500000 0 | 200000 0 |
| 40.7246609 80 | 18.609 846360 | 2.83 | 0.29 | -0.98 | 0.34 | 0.35 | 0.62 | 505000 0 | 200000 0 |
| 40.6716242 00 | 19.195 804450 | 2.11 | -0.24 | -1.08 | 0.32 | 0.33 | 0.61 | 510000 0 | 200000 0 |
| 40.6151166 50 | 19.780 868280 | 0.80 | -0.81 | -0.92 | 0.25 | 0.27 | 0.54 | 515000 0 | 200000 0 |
| 40.5551470 30 | 20.364 984950 | -1.35 | -0.84 | -0.60 | 0.28 | 0.30 | 0.58 | 520000 0 | 200000 0 |
| 40.4917245 50 | 20.948 102320 | -3.29 | -0.13 | -0.42 | 0.29 | 0.32 | 0.62 | 525000 0 | 200000 0 |
| 40.4248588 80 | 21.530 169120 | -5.13 | 0.36 | -0.48 | 0.24 | 0.29 | 0.61 | 530000 0 | 200000 0 |
| 40.3545601 60 | 22.111 134940 | -7.13 | 0.33 | -0.88 | 0.26 | 0.29 | 0.61 | 535000 0 | 200000 0 |
| 40.2808389 70 | 22.690 950290 | -8.49 | 0.33 | -1.02 | 0.26 | 0.28 | 0.61 | 540000 0 | 200000 0 |
| 40.2037063 40 | 23.269 566640 | -8.02 | 0.28 | -0.76 | 0.34 | 0.33 | 0.64 | 545000 0 | 200000 0 |
| 40.1231737 20 | 23.846 936430 | -6.99 | 0.08 | -0.48 | 0.33 | 0.29 | 0.55 | 550000 0 | 200000 0 |
| 40.0392530 10 | 24.423 013120 | -4.86 | -0.11 | -0.48 | 0.38 | 0.36 | 0.57 | 555000 0 | 200000 0 |
| 39.9519564 60 | 24.997 751190 | -16.73 | -17.14 | -0.61 | 0.30 | 0.26 | 0.44 | 560000 0 | 200000 0 |
| 39.8612967 60 | 25.571 106210 | -14.83 | -17.73 | -0.58 | 0.34 | 0.31 | 0.52 | 565000 0 | 200000 0 |
| 39.7672869 70 | 26.143 034840 | -12.31 | -19.03 | -0.45 | 0.35 | 0.33 | 0.56 | 570000 0 | 200000 0 |
| 39.6699404 80 | 26.713 494860 | -11.42 | -19.85 | -0.40 | 0.33 | 0.31 | 0.56 | 575000 0 | 200000 0 |
| 39.5692710 90 | 27.282 445190 | -10.08 | -20.61 | -0.41 | 0.33 | 0.31 | 0.54 | 580000 0 | 200000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 39.4652928 90 | 27.849 845890 | -8.16 | -21.98 | -0.34 | 0.28 | 0.26 | 0.47 | 585000 0 | 200000 0 |
| 39.3580203 30 | 28.415 658240 | -7.61 | -22.73 | -0.27 | 0.33 | 0.31 | 0.53 | 590000 0 | 200000 0 |
| 39.2474681 50 | 28.979 844670 | -7.07 | -22.82 | -0.27 | 0.33 | 0.32 | 0.55 | 595000 0 | 200000 0 |
| 39.1336514 00 | 29.542 368860 | -6.38 | -22.37 | -0.36 | 0.34 | 0.33 | 0.57 | 600000 0 | 200000 0 |
| 39.0165853 90 | 30.103 195700 | -5.37 | -21.91 | -0.45 | 0.34 | 0.33 | 0.56 | 605000 0 | 200000 0 |
| 38.8962857 30 | 30.662 291310 | -4.39 | -21.61 | -0.61 | 0.28 | 0.28 | 0.49 | 610000 0 | 200000 0 |
| 38.7727682 80 | 31.219 623050 | -3.98 | -21.14 | -1.05 | 0.30 | 0.30 | 0.52 | 615000 0 | 200000 0 |
| 38.6460491 10 | 31.775 159570 | -3.32 | -20.38 | -1.44 | 0.28 | 0.28 | 0.49 | 620000 0 | 200000 0 |
| 38.5161445 40 | 32.328 870730 | -1.65 | -19.29 | -1.22 | 0.34 | 0.34 | 0.58 | 625000 0 | 200000 0 |
| 38.3830711 10 | 32.880 727700 | 0.02 | -18.44 | -1.01 | 0.33 | 0.32 | 0.58 | 630000 0 | 200000 0 |
| 38.2468455 30 | 33.430 702900 | 1.38 | -17.24 | -0.90 | 0.38 | 0.38 | 0.65 | 635000 0 | 200000 0 |
| 38.1074847 20 | 33.978 770010 | 2.73 | -16.29 | -0.76 | 0.37 | 0.37 | 0.63 | 640000 0 | 200000 0 |
| 37.9650057 40 | 34.524 904000 | 4.09 | -15.49 | -0.55 | 0.25 | 0.25 | 0.47 | 645000 0 | 200000 0 |
| 37.8194258 20 | 35.069 081100 | 4.85 | -14.68 | -0.72 | 0.32 | 0.32 | 0.56 | 650000 0 | 200000 0 |
| 37.6707623 40 | 35.611 278820 | 5.70 | -13.89 | -1.04 | 0.33 | 0.34 | 0.60 | 655000 0 | 200000 0 |
| 37.5190327 90 | 36.151 475920 | 6.74 | -13.24 | -1.24 | 0.32 | 0.32 | 0.55 | 660000 0 | 200000 0 |
| 37.3642547 60 | 36.689 652430 | 7.81 | -12.95 | -1.40 | 0.33 | 0.34 | 0.56 | 665000 0 | 200000 0 |
| 37.2064459 70 | 37.225 789630 | 11.71 | -7.29 | -1.66 | 0.40 | 0.30 | 0.55 | 670000 0 | 200000 0 |
| 37.0456242 00 | 37.759 870030 | 12.18 | -7.31 | -1.47 | 0.41 | 0.34 | 0.62 | 675000 0 | 200000 0 |
| 36.8818073 10 | 38.291 877410 | 12.63 | -7.24 | -0.94 | 0.42 | 0.39 | 0.68 | 680000 0 | 200000 0 |
| 36.7150132 20 | 38.821 796750 | 13.04 | -6.99 | -0.36 | 0.41 | 0.40 | 0.70 | 685000 0 | 200000 0 |
| 36.5452598 80 | 39.349 614250 | 13.35 | -6.49 | 0.14 | 0.42 | 0.42 | 0.73 | 690000 0 | 200000 0 |
| 36.3725652 90 | 39.875 317330 | 13.59 | -6.00 | 0.35 | 0.43 | 0.43 | 0.76 | 695000 0 | 200000 0 |
| 36.1969474 70 | 40.398 894590 | 13.82 | -5.59 | 0.32 | 0.43 | 0.45 | 0.80 | 700000 0 | 200000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 38.5997023 50 | - 9.8788 80312 | -0.20 | -0.95 | -1.17 | 0.36 | 0.36 | 0.64 | 260000 0 | 195000 0 |
| 38.7153579 70 | - 9.3211 10785 | -0.34 | -1.42 | -1.23 | 0.17 | 0.17 | 0.34 | 265000 0 | 195000 0 |
| 38.8277826 60 | - 8.7616 96386 | -0.03 | -1.26 | -1.10 | 0.22 | 0.23 | 0.41 | 270000 0 | 195000 0 |
| 38.9369615 70 | - 8.2006 71647 | 0.22 | -1.01 | -1.19 | 0.26 | 0.26 | 0.46 | 275000 0 | 195000 0 |
| 39.0428801 40 | - 7.6380 72273 | 0.19 | -0.99 | -1.24 | 0.26 | 0.26 | 0.46 | 280000 0 | 195000 0 |
| 39.1455241 00 | - 7.0739 35135 | 0.22 | -1.13 | -0.97 | 0.26 | 0.27 | 0.47 | 285000 0 | 195000 0 |
| 39.2448794 80 | - 6.5082 98246 | 0.34 | -1.22 | -0.76 | 0.28 | 0.28 | 0.47 | 290000 0 | 195000 0 |
| 39.3409326 40 | - 5.9412 00751 | 0.20 | -1.25 | -0.81 | 0.25 | 0.26 | 0.42 | 295000 0 | 195000 0 |
| 39.4336702 80 | - 5.3726 82909 | -0.03 | -1.16 | -0.90 | 0.29 | 0.29 | 0.48 | 300000 0 | 195000 0 |
| 39.5230794 10 | - 4.8027 86065 | -0.15 | -1.03 | -0.79 | 0.32 | 0.32 | 0.53 | 305000 0 | 195000 0 |
| 39.6091474 50 | - 4.2315 52638 | -0.23 | -0.87 | -0.58 | 0.28 | 0.29 | 0.47 | 310000 0 | 195000 0 |
| 39.6918621 60 | - 3.6590 26091 | -0.39 | -0.86 | -0.55 | 0.27 | 0.28 | 0.46 | 315000 0 | 195000 0 |
| 39.7712116 80 | - 3.0852 50907 | -0.58 | -0.95 | -0.71 | 0.30 | 0.30 | 0.50 | 320000 0 | 195000 0 |
| 39.8471845 70 | - 2.5102 72563 | -0.63 | -1.01 | -0.92 | 0.30 | 0.31 | 0.52 | 325000 0 | 195000 0 |
| 39.9197697 80 | - 1.9341 37503 | -0.59 | -0.95 | -1.08 | 0.27 | 0.28 | 0.48 | 330000 0 | 195000 0 |
| 39.9889566 80 | - 1.3568 93103 | -0.43 | -0.66 | -1.14 | 0.27 | 0.27 | 0.44 | 335000 0 | 195000 0 |
| 40.0547350 90 | - 0.7785 87646 | -0.24 | -0.53 | -1.08 | 0.24 | 0.24 | 0.41 | 340000 0 | 195000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 40.1170952 30 | - 0.1992 70281 | -0.19 | -0.62 | -0.92 | 0.31 | 0.31 | 0.52 | 345000 0 | 195000 0 |
| 40.1760278 20 | 0.3810 09004 | -0.22 | -0.73 | -0.84 | 0.27 | 0.27 | 0.47 | 350000 0 | 195000 0 |
| 40.2315240 10 | 0.9621 99425 | -0.20 | -0.66 | -0.86 | 0.32 | 0.32 | 0.56 | 355000 0 | 195000 0 |
| 40.3773129 10 | 2.7107 18455 | 0.02 | -0.26 | -0.99 | 0.37 | 0.37 | 0.64 | 370000 0 | 195000 0 |
| 40.4189846 50 | 3.2950 30925 | 0.04 | -0.20 | -0.95 | 0.37 | 0.37 | 0.63 | 375000 0 | 195000 0 |
| 40.4571830 30 | 3.8799 89980 | 0.01 | -0.17 | -0.90 | 0.36 | 0.36 | 0.61 | 380000 0 | 195000 0 |
| 40.4919021 60 | 4.4655 40877 | -0.01 | -0.14 | -0.89 | 0.39 | 0.39 | 0.68 | 385000 0 | 195000 0 |
| 40.6268889 70 | 7.9881 51029 | -0.02 | -0.40 | -1.20 | 0.33 | 0.34 | 0.62 | 415000 0 | 195000 0 |
| 40.6371327 00 | 8.5762 75135 | -0.04 | -0.57 | -1.24 | 0.22 | 0.24 | 0.47 | 420000 0 | 195000 0 |
| 40.6438691 50 | 9.1645 38767 | 0.11 | -0.57 | -1.15 | 0.24 | 0.25 | 0.44 | 425000 0 | 195000 0 |
| 40.6470972 70 | 9.7528 84316 | -0.16 | -0.47 | -1.23 | 0.19 | 0.23 | 0.40 | 430000 0 | 195000 0 |
| 40.6468165 60 | 10.341 254100 | -0.09 | -0.39 | -1.16 | 0.36 | 0.37 | 0.65 | 435000 0 | 195000 0 |
| 40.6106145 00 | 12.693 822280 | 0.44 | -0.42 | -0.82 | 0.35 | 0.37 | 0.65 | 455000 0 | 195000 0 |
| 40.5928012 80 | 13.281 449050 | 0.75 | -0.43 | -0.62 | 0.29 | 0.31 | 0.54 | 460000 0 | 195000 0 |
| 40.5714877 30 | 13.868 755290 | 1.07 | -0.72 | -0.82 | 0.31 | 0.31 | 0.54 | 465000 0 | 195000 0 |
| 40.5466771 90 | 14.455 684220 | 1.35 | -0.96 | -1.06 | 0.22 | 0.23 | 0.44 | 470000 0 | 195000 0 |
| 40.5183735 30 | 15.042 179400 | 1.89 | -0.79 | -0.78 | 0.24 | 0.24 | 0.43 | 475000 0 | 195000 0 |
| 40.4865811 40 | 15.628 184770 | 2.89 | -0.21 | -0.40 | 0.22 | 0.23 | 0.39 | 480000 0 | 195000 0 |
| 40.4513049 50 | 16.213 644670 | 3.77 | 0.48 | -0.33 | 0.24 | 0.24 | 0.40 | 485000 0 | 195000 0 |
| 40.4125504 20 | 16.798 503940 | 4.01 | 0.69 | -0.25 | 0.22 | 0.23 | 0.40 | 490000 0 | 195000 0 |
| 40.3703235 20 | 17.382 707910 | 3.80 | 0.69 | -0.30 | 0.27 | 0.28 | 0.48 | 495000 0 | 195000 0 |
| 40.3246307 30 | 17.966 202490 | 3.94 | 0.88 | -0.62 | 0.21 | 0.22 | 0.42 | 500000 0 | 195000 0 |
| 40.2754790 30 | 18.548 934190 | 3.43 | 0.56 | -0.92 | 0.26 | 0.27 | 0.50 | 505000 0 | 195000 0 |
| 40.2228759 00 | 19.130 850160 | 2.32 | -0.26 | -1.02 | 0.30 | 0.32 | 0.59 | 510000 0 | 195000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|--------------|---------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 40.166829310 | 19.711898240 | 0.93 | -1.29 | -0.94 | 0.23 | 0.26 | 0.56 | 5150000 | 1950000 |
| 40.107347700 | 20.292027010 | -1.09 | -1.77 | -0.68 | 0.24 | 0.28 | 0.59 | 5200000 | 1950000 |
| 40.044440000 | 20.871185810 | -3.12 | -1.37 | -0.49 | 0.29 | 0.31 | 0.61 | 5250000 | 1950000 |
| 39.978115570 | 21.449324780 | -5.46 | -1.20 | -0.45 | 0.26 | 0.30 | 0.60 | 5300000 | 1950000 |
| 39.908384240 | 22.026394900 | -7.98 | -1.47 | -0.73 | 0.29 | 0.31 | 0.63 | 5350000 | 1950000 |
| 39.835256280 | 22.602348050 | -9.53 | -1.24 | -0.83 | 0.29 | 0.30 | 0.65 | 5400000 | 1950000 |
| 39.758742380 | 23.177136980 | -9.24 | -0.65 | -0.64 | 0.34 | 0.35 | 0.67 | 5450000 | 1950000 |
| 39.678853640 | 23.750715410 | -7.09 | -0.45 | -0.39 | 0.38 | 0.37 | 0.63 | 5500000 | 1950000 |
| 39.595601600 | 24.323038030 | -14.55 | -15.72 | -0.32 | 0.40 | 0.38 | 0.60 | 5550000 | 1950000 |
| 39.508998150 | 24.894060490 | -14.72 | -15.80 | -0.38 | 0.37 | 0.34 | 0.57 | 5600000 | 1950000 |
| 39.419055600 | 25.463739520 | -13.98 | -16.91 | -0.42 | 0.38 | 0.35 | 0.60 | 5650000 | 1950000 |
| 39.325786600 | 26.032032860 | -13.12 | -18.80 | -0.36 | 0.33 | 0.30 | 0.58 | 5700000 | 1950000 |
| 39.229204180 | 26.598899330 | -13.07 | -19.87 | -0.37 | 0.25 | 0.26 | 0.57 | 5750000 | 1950000 |
| 39.129321700 | 27.164298860 | -10.91 | -20.50 | -0.38 | 0.34 | 0.33 | 0.59 | 5800000 | 1950000 |
| 39.026152860 | 27.728192480 | -9.89 | -22.25 | -0.24 | 0.25 | 0.22 | 0.42 | 5850000 | 1950000 |
| 38.919711670 | 28.290542360 | -8.89 | -22.78 | 0.02 | 0.29 | 0.27 | 0.47 | 5900000 | 1950000 |
| 38.810012450 | 28.851311820 | -8.37 | -22.65 | 0.08 | 0.30 | 0.28 | 0.51 | 5950000 | 1950000 |
| 38.697069800 | 29.410465330 | -8.15 | -22.58 | -0.06 | 0.27 | 0.24 | 0.50 | 6000000 | 1950000 |
| 38.580898630 | 29.967968550 | -6.43 | -21.59 | -0.49 | 0.33 | 0.32 | 0.55 | 6050000 | 1950000 |
| 38.461514060 | 30.523788330 | -5.21 | -21.01 | -0.80 | 0.25 | 0.25 | 0.43 | 6100000 | 1950000 |
| 38.338931510 | 31.077892720 | -4.51 | -19.94 | -1.06 | 0.35 | 0.35 | 0.59 | 6150000 | 1950000 |
| 38.213166610 | 31.630250980 | -3.46 | -18.92 | -1.17 | 0.36 | 0.35 | 0.61 | 6200000 | 1950000 |
| 38.084235220 | 32.180833560 | -1.99 | -17.90 | -1.05 | 0.32 | 0.32 | 0.59 | 6250000 | 1950000 |
| 37.952153390 | 32.729612170 | -0.38 | -16.85 | -0.94 | 0.32 | 0.32 | 0.60 | 6300000 | 1950000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|--------|-------|------------|------------|-------------|-------------|--------------|
| 37.8169374 00 | 33.276 559700 | 1.11 | -15.85 | -0.90 | 0.39 | 0.38 | 0.68 | 635000 0 | 195000 0 |
| 37.6786036 80 | 33.821 650310 | 2.48 | -15.05 | -0.82 | 0.37 | 0.35 | 0.64 | 640000 0 | 195000 0 |
| 37.5371688 40 | 34.364 859350 | 3.66 | -14.39 | -0.73 | 0.30 | 0.28 | 0.54 | 645000 0 | 195000 0 |
| 37.3926496 30 | 34.906 163420 | 4.35 | -13.76 | -0.70 | 0.28 | 0.28 | 0.55 | 650000 0 | 195000 0 |
| 37.2450629 50 | 35.445 540330 | 5.43 | -13.10 | -0.96 | 0.36 | 0.36 | 0.62 | 655000 0 | 195000 0 |
| 37.0944258 30 | 35.982 969130 | 6.57 | -12.45 | -1.16 | 0.28 | 0.29 | 0.48 | 660000 0 | 195000 0 |
| 36.9407554 10 | 36.518 430070 | 7.66 | -12.29 | -1.28 | 0.30 | 0.30 | 0.50 | 665000 0 | 195000 0 |
| 36.7840689 00 | 37.051 904620 | 11.95 | -7.29 | -1.36 | 0.41 | 0.32 | 0.53 | 670000 0 | 195000 0 |
| 36.6243836 40 | 37.583 375450 | 12.12 | -7.00 | -1.24 | 0.44 | 0.38 | 0.65 | 675000 0 | 195000 0 |
| 36.4617170 20 | 38.112 826450 | 12.37 | -6.68 | -0.88 | 0.46 | 0.43 | 0.74 | 680000 0 | 195000 0 |
| 36.2960864 90 | 38.640 242660 | 12.69 | -6.35 | -0.50 | 0.45 | 0.44 | 0.78 | 685000 0 | 195000 0 |
| 36.1275095 40 | 39.165 610340 | 13.01 | -5.96 | -0.18 | 0.45 | 0.45 | 0.80 | 690000 0 | 195000 0 |
| 35.9560037 00 | 39.688 916900 | 13.31 | -5.57 | -0.02 | 0.45 | 0.46 | 0.82 | 695000 0 | 195000 0 |
| 38.1633457 00 | - 9.7466 30798 | -0.06 | -0.97 | -1.28 | 0.38 | 0.38 | 0.68 | 260000 0 | 190000 0 |
| 38.2781261 40 | - 9.1921 40714 | -0.08 | -1.32 | -1.41 | 0.31 | 0.31 | 0.54 | 265000 0 | 190000 0 |
| 38.3896961 30 | - 8.6360 51221 | 0.02 | -1.32 | -1.35 | 0.26 | 0.26 | 0.46 | 270000 0 | 190000 0 |
| 38.4980412 60 | - 8.0783 96088 | 0.20 | -1.10 | -1.29 | 0.24 | 0.24 | 0.42 | 275000 0 | 190000 0 |
| 38.6031473 80 | - 7.5192 10212 | 0.29 | -1.15 | -1.30 | 0.26 | 0.27 | 0.46 | 280000 0 | 190000 0 |
| 38.7050006 40 | - 6.9585 29609 | 0.34 | -1.29 | -1.09 | 0.26 | 0.26 | 0.46 | 285000 0 | 190000 0 |
| 38.8035874 70 | - 6.3963 91396 | 0.34 | -1.24 | -0.77 | 0.25 | 0.25 | 0.43 | 290000 0 | 190000 0 |
| 38.8988946 50 | - 5.8328 33776 | 0.18 | -1.16 | -0.60 | 0.23 | 0.24 | 0.39 | 295000 0 | 190000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 38.9909092 30 | - 5.2678 96021 | -0.01 | -1.20 | -0.69 | 0.27 | 0.27 | 0.44 | 300000 0 | 190000 0 |
| 39.0796186 60 | - 4.7016 18447 | -0.05 | -1.20 | -0.75 | 0.30 | 0.30 | 0.50 | 305000 0 | 190000 0 |
| 39.1650106 80 | - 4.1340 42402 | -0.09 | -1.12 | -0.76 | 0.32 | 0.33 | 0.54 | 310000 0 | 190000 0 |
| 39.2470734 50 | - 3.5652 10232 | -0.33 | -1.07 | -0.81 | 0.28 | 0.31 | 0.51 | 315000 0 | 190000 0 |
| 39.3257954 50 | - 2.9951 65265 | -0.61 | -1.06 | -0.85 | 0.24 | 0.27 | 0.43 | 320000 0 | 190000 0 |
| 39.4011655 80 | - 2.4239 51782 | -0.64 | -0.98 | -0.90 | 0.33 | 0.34 | 0.56 | 325000 0 | 190000 0 |
| 39.4731731 30 | - 1.8516 14987 | -0.59 | -0.85 | -0.96 | 0.34 | 0.34 | 0.57 | 330000 0 | 190000 0 |
| 39.5418078 00 | - 1.2782 00982 | -0.62 | -0.68 | -1.01 | 0.23 | 0.23 | 0.38 | 335000 0 | 190000 0 |
| 39.6070596 90 | - 0.7037 56735 | -0.27 | -0.70 | -0.99 | 0.27 | 0.27 | 0.45 | 340000 0 | 190000 0 |
| 39.6689193 50 | - 0.1283 30047 | -0.10 | -0.76 | -0.96 | 0.29 | 0.29 | 0.47 | 345000 0 | 190000 0 |
| 39.7273777 70 | 0.4480 30483 | -0.17 | -0.84 | -0.95 | 0.29 | 0.29 | 0.51 | 350000 0 | 190000 0 |
| 39.7824263 70 | 1.0252 75488 | -0.18 | -0.73 | -1.03 | 0.31 | 0.32 | 0.56 | 355000 0 | 190000 0 |
| 39.8822621 30 | 2.1822 17854 | 0.01 | -0.32 | -1.19 | 0.35 | 0.35 | 0.60 | 365000 0 | 190000 0 |
| 39.9270344 80 | 2.7618 12990 | 0.16 | -0.26 | -1.16 | 0.26 | 0.26 | 0.43 | 370000 0 | 190000 0 |
| 39.9683673 80 | 3.3420 88231 | 0.15 | -0.18 | -1.06 | 0.28 | 0.28 | 0.46 | 375000 0 | 190000 0 |
| 40.0062546 50 | 3.9229 90952 | 0.06 | -0.20 | -0.90 | 0.16 | 0.16 | 0.27 | 380000 0 | 190000 0 |
| 40.0406905 70 | 4.5044 68001 | 0.02 | -0.15 | -0.88 | 0.32 | 0.32 | 0.55 | 385000 0 | 190000 0 |
| 40.1745723 30 | 8.0023 58890 | 0.00 | -0.52 | -1.26 | 0.35 | 0.36 | 0.64 | 415000 0 | 190000 0 |
| 40.1847319 40 | 8.5863 32700 | 0.01 | -0.77 | -1.47 | 0.24 | 0.28 | 0.49 | 420000 0 | 190000 0 |
| 40.1914130 50 | 9.1704 41877 | 0.05 | -0.62 | -1.11 | 0.24 | 0.25 | 0.44 | 425000 0 | 190000 0 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|--------|--------|-------|---------|---------|----------|---------|----------|
| 40.194614660 | 9.754630528 | -0.13 | -0.39 | -1.01 | 0.26 | 0.28 | 0.46 | 4300000 | 1900000 |
| 40.194336250 | 10.338842690 | -0.08 | -0.32 | -1.11 | 0.37 | 0.38 | 0.65 | 4350000 | 1900000 |
| 40.119625380 | 13.841479120 | 0.97 | -0.51 | -1.11 | 0.38 | 0.38 | 0.67 | 4650000 | 1900000 |
| 40.095017950 | 14.424293330 | 1.21 | -0.54 | -1.24 | 0.35 | 0.35 | 0.62 | 4700000 | 1900000 |
| 40.066945720 | 15.006686670 | 1.57 | -0.35 | -1.13 | 0.29 | 0.30 | 0.52 | 4750000 | 1900000 |
| 40.035412970 | 15.588604720 | 2.33 | -0.02 | -0.74 | 0.22 | 0.23 | 0.41 | 4800000 | 1900000 |
| 40.000424480 | 16.169993470 | 3.46 | 0.37 | -0.45 | 0.23 | 0.24 | 0.43 | 4850000 | 1900000 |
| 39.961985510 | 16.750799350 | 3.81 | 0.72 | -0.32 | 0.28 | 0.28 | 0.50 | 4900000 | 1900000 |
| 39.920101870 | 17.330969290 | 3.54 | 0.93 | -0.35 | 0.33 | 0.33 | 0.58 | 4950000 | 1900000 |
| 39.874779820 | 17.910450770 | 3.49 | 0.78 | -0.55 | 0.30 | 0.30 | 0.54 | 5000000 | 1900000 |
| 39.826026140 | 18.489191810 | 3.16 | 0.29 | -0.79 | 0.25 | 0.25 | 0.49 | 5050000 | 1900000 |
| 39.773848070 | 19.067141090 | 2.04 | -0.64 | -0.88 | 0.34 | 0.35 | 0.64 | 5100000 | 1900000 |
| 39.718253350 | 19.644247930 | 1.08 | -1.92 | -0.87 | 0.29 | 0.31 | 0.65 | 5150000 | 1900000 |
| 39.659250140 | 20.220462340 | -0.25 | -2.90 | -0.73 | 0.23 | 0.26 | 0.62 | 5200000 | 1900000 |
| 39.596847100 | 20.795735090 | -2.97 | -3.01 | -0.58 | 0.20 | 0.23 | 0.55 | 5250000 | 1900000 |
| 39.531053320 | 21.370017690 | -5.88 | -3.85 | -0.59 | 0.29 | 0.31 | 0.60 | 5300000 | 1900000 |
| 39.461878320 | 21.943262470 | -8.59 | -3.94 | -0.73 | 0.20 | 0.27 | 0.61 | 5350000 | 1900000 |
| 39.389332050 | 22.515422610 | -9.63 | -2.95 | -0.70 | 0.29 | 0.31 | 0.64 | 5400000 | 1900000 |
| 39.313424890 | 23.086452150 | -9.67 | -1.56 | -0.50 | 0.32 | 0.34 | 0.63 | 5450000 | 1900000 |
| 39.234167610 | 23.656306020 | -21.81 | -7.04 | -0.20 | 0.26 | 0.31 | 0.58 | 5500000 | 1900000 |
| 39.151571380 | 24.224940090 | -26.03 | -16.54 | -0.10 | 0.33 | 0.62 | 0.54 | 5550000 | 1900000 |
| 39.065647770 | 24.792311200 | -26.09 | -16.51 | -0.17 | 0.34 | 0.61 | 0.53 | 5600000 | 1900000 |
| 38.976408680 | 25.358377160 | -26.65 | -18.50 | -0.37 | 0.41 | 0.63 | 0.63 | 5650000 | 1900000 |
| 38.883866430 | 25.923096770 | -11.32 | -16.94 | -0.47 | 0.36 | 0.35 | 0.64 | 5700000 | 1900000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 38.7880336 30 | 26.486 429900 | -10.42 | -17.99 | -0.54 | 0.34 | 0.33 | 0.64 | 575000 0 | 190000 0 |
| 38.6889232 70 | 27.048 337430 | -9.31 | -18.73 | -0.51 | 0.37 | 0.36 | 0.65 | 580000 0 | 190000 0 |
| 38.5865486 30 | 27.608 781350 | -8.16 | -19.73 | -0.42 | 0.37 | 0.35 | 0.61 | 585000 0 | 190000 0 |
| 38.4809233 30 | 28.167 724700 | -7.32 | -20.31 | -0.30 | 0.37 | 0.35 | 0.61 | 590000 0 | 190000 0 |
| 38.3720612 70 | 28.725 131640 | -7.36 | -20.63 | -0.24 | 0.34 | 0.31 | 0.58 | 595000 0 | 190000 0 |
| 38.2599766 30 | 29.280 967470 | -7.33 | -20.60 | -0.39 | 0.35 | 0.32 | 0.59 | 600000 0 | 190000 0 |
| 38.1446838 80 | 29.835 198590 | -6.97 | -20.55 | -0.76 | 0.33 | 0.32 | 0.55 | 605000 0 | 190000 0 |
| 38.0261977 30 | 30.387 792570 | -6.57 | -20.25 | -1.07 | 0.27 | 0.27 | 0.47 | 610000 0 | 190000 0 |
| 37.9045331 40 | 30.938 718110 | -5.44 | -18.73 | -1.11 | 0.34 | 0.34 | 0.58 | 615000 0 | 190000 0 |
| 37.7797053 10 | 31.487 945100 | -4.03 | -17.60 | -1.05 | 0.33 | 0.32 | 0.58 | 620000 0 | 190000 0 |
| 37.6517296 60 | 32.035 444570 | -2.41 | -16.53 | -1.01 | 0.33 | 0.32 | 0.59 | 625000 0 | 190000 0 |
| 37.5206218 00 | 32.581 188760 | -0.67 | -15.36 | -1.01 | 0.38 | 0.37 | 0.66 | 630000 0 | 190000 0 |
| 37.3863975 30 | 33.125 151070 | 0.84 | -14.48 | -1.00 | 0.40 | 0.39 | 0.69 | 635000 0 | 190000 0 |
| 37.2490728 50 | 33.667 306080 | 2.14 | -13.85 | -0.98 | 0.37 | 0.37 | 0.65 | 640000 0 | 190000 0 |
| 37.1086639 00 | 34.207 629560 | 3.27 | -13.45 | -0.98 | 0.33 | 0.32 | 0.58 | 645000 0 | 190000 0 |
| 36.9651870 00 | 34.746 098460 | 4.20 | -13.03 | -1.00 | 0.31 | 0.31 | 0.57 | 650000 0 | 190000 0 |
| 36.8186585 70 | 35.282 690930 | 5.10 | -12.40 | -0.98 | 0.37 | 0.37 | 0.65 | 655000 0 | 190000 0 |
| 36.6690951 90 | 35.817 386290 | 6.03 | -11.96 | -0.99 | 0.36 | 0.36 | 0.63 | 660000 0 | 190000 0 |
| 36.5165135 40 | 36.350 165020 | 10.66 | -6.87 | -0.99 | 0.48 | 0.35 | 0.61 | 665000 0 | 190000 0 |
| 36.3609303 90 | 36.881 008820 | 11.35 | -6.79 | -1.02 | 0.47 | 0.39 | 0.66 | 670000 0 | 190000 0 |
| 36.2023626 00 | 37.409 900500 | 11.77 | -6.49 | -0.96 | 0.48 | 0.43 | 0.73 | 675000 0 | 190000 0 |
| 36.0408271 20 | 37.936 824070 | 12.07 | -6.13 | -0.78 | 0.48 | 0.45 | 0.79 | 680000 0 | 190000 0 |
| 37.8403855 70 | - 9.0655 11245 | 0.23 | -1.34 | -1.57 | 0.31 | 0.32 | 0.56 | 265000 0 | 185000 0 |
| 37.9511165 60 | - 8.5126 | 0.25 | -1.46 | -1.49 | 0.23 | 0.24 | 0.42 | 270000 0 | 185000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| | 94347 | | | | | | | | |
| 38.0586432 90 | - 7.9583 55092 | 0.23 | -1.29 | -0.96 | 0.21 | 0.21 | 0.37 | 275000 0 | 185000 0 |
| 38.1629520 20 | - 7.4025 27588 | 0.35 | -1.41 | -0.98 | 0.26 | 0.26 | 0.44 | 280000 0 | 185000 0 |
| 38.2640293 20 | - 6.8452 47014 | 0.33 | -1.51 | -0.93 | 0.23 | 0.23 | 0.38 | 285000 0 | 185000 0 |
| 38.3618620 00 | - 6.2865 49609 | 0.19 | -1.34 | -0.72 | 0.24 | 0.24 | 0.40 | 290000 0 | 185000 0 |
| 38.4564372 10 | - 5.7264 72656 | 0.05 | -1.23 | -0.59 | 0.28 | 0.28 | 0.46 | 295000 0 | 185000 0 |
| 38.5477424 20 | - 5.1650 54464 | 0.02 | -1.31 | -0.61 | 0.29 | 0.29 | 0.47 | 300000 0 | 185000 0 |
| 38.6357654 00 | - 4.6023 34347 | 0.10 | -1.39 | -0.75 | 0.28 | 0.28 | 0.47 | 305000 0 | 185000 0 |
| 38.7204942 90 | - 4.0383 52607 | 0.12 | -1.40 | -0.88 | 0.25 | 0.27 | 0.44 | 310000 0 | 185000 0 |
| 38.8019175 80 | - 3.4731 50507 | -0.25 | -1.26 | -0.96 | 0.29 | 0.33 | 0.53 | 315000 0 | 185000 0 |
| 38.8800241 10 | - 2.9067 70250 | -0.49 | -1.14 | -0.93 | 0.32 | 0.35 | 0.57 | 320000 0 | 185000 0 |
| 38.9548031 00 | - 2.3392 54953 | -0.54 | -0.98 | -0.86 | 0.36 | 0.37 | 0.61 | 325000 0 | 185000 0 |
| 39.0262441 60 | - 1.7706 48621 | -0.49 | -0.86 | -0.83 | 0.35 | 0.35 | 0.58 | 330000 0 | 185000 0 |
| 39.0943373 00 | - 1.2009 96116 | -0.43 | -0.83 | -0.80 | 0.26 | 0.26 | 0.43 | 335000 0 | 185000 0 |
| 39.1590729 30 | - 0.6303 43133 | -0.17 | -0.77 | -0.83 | 0.28 | 0.28 | 0.46 | 340000 0 | 185000 0 |
| 39.2204418 90 | - 0.0587 36164 | -0.06 | -0.68 | -0.91 | 0.29 | 0.29 | 0.47 | 345000 0 | 185000 0 |
| 39.2784354 20 | 0.5137 77533 | -0.11 | -0.61 | -1.05 | 0.34 | 0.34 | 0.57 | 350000 0 | 185000 0 |
| 39.3330452 10 | 1.0871 49967 | -0.14 | -0.55 | -1.25 | 0.34 | 0.34 | 0.57 | 355000 0 | 185000 0 |
| 39.3842634 | 1.6613 | -0.10 | -0.40 | -1.36 | 0.35 | 0.35 | 0.58 | 360000 | 185000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|--------|--------|-------|---------|---------|----------|---------|----------|
| 10 | 32448 | | | | | | | 0 | 0 |
| 39.432082600 | 2.236275624 | 0.00 | -0.26 | -1.37 | 0.32 | 0.32 | 0.54 | 3650000 | 1850000 |
| 39.476495830 | 2.811929519 | 0.09 | -0.16 | -1.34 | 0.21 | 0.21 | 0.34 | 3700000 | 1850000 |
| 39.517496610 | 3.388243571 | 0.17 | -0.09 | -1.18 | 0.20 | 0.20 | 0.33 | 3750000 | 1850000 |
| 39.555078940 | 3.965166669 | 0.09 | -0.12 | -0.99 | 0.32 | 0.32 | 0.53 | 3800000 | 1850000 |
| 39.589237280 | 4.542647197 | 0.04 | -0.12 | -0.91 | 0.37 | 0.37 | 0.64 | 3850000 | 1850000 |
| 39.722036050 | 8.016292545 | 0.05 | -0.55 | -1.10 | 0.36 | 0.37 | 0.65 | 4150000 | 1850000 |
| 39.732113230 | 8.596196092 | -0.05 | -0.75 | -1.16 | 0.27 | 0.30 | 0.50 | 4200000 | 1850000 |
| 39.738740120 | 9.176230995 | -0.20 | -0.64 | -1.13 | 0.23 | 0.23 | 0.41 | 4250000 | 1850000 |
| 39.741915730 | 9.756343016 | -0.16 | -0.34 | -1.21 | 0.28 | 0.29 | 0.49 | 4300000 | 1850000 |
| 39.615280530 | 14.971876470 | 1.67 | -0.18 | -1.61 | 0.36 | 0.36 | 0.63 | 4750000 | 1850000 |
| 39.584002250 | 15.549785010 | 2.15 | 0.15 | -1.34 | 0.30 | 0.30 | 0.53 | 4800000 | 1850000 |
| 39.549295720 | 16.127179830 | 3.01 | 0.42 | -0.88 | 0.21 | 0.22 | 0.41 | 4850000 | 1850000 |
| 39.511166060 | 16.704008940 | 3.44 | 1.02 | -0.40 | 0.22 | 0.23 | 0.44 | 4900000 | 1850000 |
| 39.469618870 | 17.280220790 | 3.02 | 1.51 | -0.35 | 0.30 | 0.30 | 0.56 | 4950000 | 1850000 |
| 39.424660240 | 17.855764350 | 2.66 | 0.92 | -0.50 | 0.36 | 0.36 | 0.64 | 5000000 | 1850000 |
| 39.376296730 | 18.430589160 | 2.16 | 0.13 | -0.67 | 0.37 | 0.37 | 0.67 | 5050000 | 1850000 |
| 39.269383630 | 19.577883620 | 0.50 | -2.11 | -0.77 | 0.37 | 0.38 | 0.70 | 5150000 | 1850000 |
| 39.210849460 | 20.150255450 | -0.88 | -3.62 | -0.70 | 0.33 | 0.34 | 0.64 | 5200000 | 1850000 |
| 39.148941240 | 20.721712940 | -3.51 | -5.60 | -0.61 | 0.28 | 0.30 | 0.56 | 5250000 | 1850000 |
| 39.083667780 | 21.292208950 | -6.60 | -7.73 | -0.70 | 0.27 | 0.28 | 0.56 | 5300000 | 1850000 |
| 39.015038320 | 21.861697110 | -8.24 | -7.12 | -0.79 | 0.27 | 0.26 | 0.57 | 5350000 | 1850000 |
| 38.943062500 | 22.430131870 | -16.64 | -9.11 | -0.63 | 0.35 | 0.36 | 0.59 | 5400000 | 1850000 |
| 38.867750400 | 22.997468500 | -18.03 | -9.66 | -0.30 | 0.23 | 0.23 | 0.50 | 5450000 | 1850000 |
| 38.7891124 | 23.563 | -25.36 | -16.70 | -0.05 | 0.30 | 0.57 | 0.53 | 550000 | 185000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|------------------|------------------|--------|--------|-------|------------|------------|-------------|-------------|-------------|
| 60 | 663120 | | | | | | | 0 | 0 |
| 38.7071595 10 | 24.128 672780 | -24.44 | -14.97 | -0.08 | 0.29 | 0.55 | 0.47 | 555000 0 | 185000 0 |
| 38.6219027 80 | 24.692 455410 | -25.10 | -15.79 | -0.27 | 0.34 | 0.56 | 0.52 | 560000 0 | 185000 0 |
| 38.5333538 40 | 25.254 969900 | -25.54 | -17.73 | -0.47 | 0.41 | 0.59 | 0.64 | 565000 0 | 185000 0 |
| 38.4415246 00 | 25.816 176110 | -24.46 | -19.17 | -0.59 | 0.40 | 0.55 | 0.63 | 570000 0 | 185000 0 |
| 38.3464273 40 | 26.376 034880 | -23.13 | -20.09 | -0.74 | 0.35 | 0.49 | 0.55 | 575000 0 | 185000 0 |
| 38.2480746 50 | 26.934 508070 | -23.82 | -21.02 | -0.65 | 0.49 | 0.54 | 0.62 | 580000 0 | 185000 0 |
| 38.1464794 30 | 27.491 558560 | -22.88 | -21.95 | -0.70 | 0.54 | 0.54 | 0.64 | 585000 0 | 185000 0 |
| 38.0416549 00 | 28.047 150280 | -22.08 | -22.62 | -0.75 | 0.58 | 0.51 | 0.63 | 590000 0 | 185000 0 |
| 37.9336145 60 | 28.601 248220 | -5.21 | -17.59 | -0.70 | 0.39 | 0.37 | 0.66 | 595000 0 | 185000 0 |
| 37.8223721 90 | 29.153 818450 | -5.91 | -17.84 | -0.77 | 0.39 | 0.38 | 0.66 | 600000 0 | 185000 0 |
| 37.7079418 40 | 29.704 828130 | -6.62 | -18.29 | -0.95 | 0.37 | 0.35 | 0.62 | 605000 0 | 185000 0 |
| 37.5903378 00 | 30.254 245510 | -6.87 | -18.03 | -1.12 | 0.33 | 0.32 | 0.56 | 610000 0 | 185000 0 |
| 37.4695746 10 | 30.802 039970 | -6.13 | -16.86 | -1.13 | 0.29 | 0.31 | 0.51 | 615000 0 | 185000 0 |
| 37.3456670 40 | 31.348 182000 | -4.42 | -15.73 | -1.13 | 0.35 | 0.35 | 0.60 | 620000 0 | 185000 0 |
| 37.2186300 80 | 31.892 643210 | -2.60 | -14.77 | -1.14 | 0.37 | 0.35 | 0.62 | 625000 0 | 185000 0 |
| 37.0884789 10 | 32.435 396370 | -0.82 | -13.81 | -1.16 | 0.38 | 0.37 | 0.66 | 630000 0 | 185000 0 |
| 36.9552288 90 | 32.976 415360 | 0.64 | -13.08 | -1.15 | 0.39 | 0.37 | 0.66 | 635000 0 | 185000 0 |
| 36.8188955 80 | 33.515 675210 | 1.81 | -12.59 | -1.12 | 0.37 | 0.36 | 0.63 | 640000 0 | 185000 0 |
| 36.6794946 80 | 34.053 152110 | 2.89 | -12.43 | -1.17 | 0.27 | 0.27 | 0.50 | 645000 0 | 185000 0 |
| 36.5370420 50 | 34.588 823370 | 3.93 | -12.12 | -1.14 | 0.30 | 0.29 | 0.55 | 650000 0 | 185000 0 |
| 36.3915537 00 | 35.122 667460 | 4.80 | -11.53 | -0.97 | 0.38 | 0.38 | 0.68 | 655000 0 | 185000 0 |
| 36.2430457 50 | 35.654 663990 | 9.83 | -6.60 | -0.85 | 0.54 | 0.39 | 0.69 | 660000 0 | 185000 0 |
| 36.0915344 20 | 36.184 793700 | 10.13 | -6.60 | -0.75 | 0.46 | 0.34 | 0.64 | 665000 0 | 185000 0 |
| 35.9370360 | 36.713 | 10.86 | -6.24 | -0.81 | 0.50 | 0.43 | 0.73 | 670000 | 185000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 50 | 038480 | | | | | | | 0 | 0 |
| 35.7795670 60 | 37.239 381330 | 11.39 | -5.91 | -0.79 | 0.50 | 0.46 | 0.79 | 675000 0 | 185000 0 |
| 37.2890586 20 | - 9.4892 50521 | 0.22 | -1.02 | -1.24 | 0.39 | 0.39 | 0.69 | 260000 0 | 180000 0 |
| 37.4021362 60 | - 8.9411 67519 | 0.40 | -1.50 | -1.41 | 0.30 | 0.30 | 0.52 | 265000 0 | 180000 0 |
| 37.5120435 70 | - 8.3915 71808 | 0.41 | -1.79 | -1.30 | 0.25 | 0.26 | 0.43 | 270000 0 | 180000 0 |
| 37.6187669 30 | - 7.8404 95668 | 0.35 | -1.72 | -0.80 | 0.25 | 0.25 | 0.43 | 275000 0 | 180000 0 |
| 37.7222930 00 | - 7.2879 72427 | 0.43 | -1.68 | -0.73 | 0.29 | 0.29 | 0.49 | 280000 0 | 180000 0 |
| 37.8226087 10 | - 6.7340 36448 | 0.36 | -1.69 | -0.73 | 0.27 | 0.27 | 0.45 | 285000 0 | 180000 0 |
| 37.9197012 90 | - 6.1787 23109 | 0.15 | -1.51 | -0.63 | 0.27 | 0.27 | 0.44 | 290000 0 | 180000 0 |
| 38.0135582 40 | - 5.6220 68797 | -0.06 | -1.36 | -0.57 | 0.26 | 0.26 | 0.44 | 295000 0 | 180000 0 |
| 38.1041673 90 | - 5.0641 10880 | -0.06 | -1.35 | -0.58 | 0.28 | 0.28 | 0.46 | 300000 0 | 180000 0 |
| 38.1915168 80 | - 4.5048 87694 | 0.02 | -1.33 | -0.72 | 0.27 | 0.27 | 0.45 | 305000 0 | 180000 0 |
| 38.2755952 10 | - 3.9444 38524 | 0.04 | -1.31 | -0.86 | 0.28 | 0.29 | 0.47 | 310000 0 | 180000 0 |
| 38.3563911 80 | - 3.3828 03578 | -0.31 | -1.41 | -0.94 | 0.30 | 0.31 | 0.50 | 315000 0 | 180000 0 |
| 38.4338939 80 | - 2.8200 23964 | -0.52 | -1.32 | -0.90 | 0.31 | 0.32 | 0.52 | 320000 0 | 180000 0 |
| 38.5080931 60 | - 2.2561 41671 | -0.49 | -1.04 | -0.76 | 0.33 | 0.33 | 0.54 | 325000 0 | 180000 0 |
| 38.5789786 30 | - 1.6911 99535 | -0.31 | -0.88 | -0.70 | 0.29 | 0.29 | 0.48 | 330000 0 | 180000 0 |
| 38.6465406 90 | - 1.1252 41221 | -0.13 | -0.83 | -0.69 | 0.26 | 0.26 | 0.42 | 335000 0 | 180000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 38.7107700 50 | - 0.5583 11185 | 0.05 | -0.71 | -0.68 | 0.23 | 0.23 | 0.39 | 340000 0 | 180000 0 |
| 38.7716578 10 | 0.0095 45348 | -0.05 | -0.46 | -0.83 | 0.21 | 0.21 | 0.37 | 345000 0 | 180000 0 |
| 38.8291955 00 | 0.5782 82421 | -0.03 | -0.42 | -1.07 | 0.33 | 0.33 | 0.55 | 350000 0 | 180000 0 |
| 38.8833750 50 | 1.1478 53371 | -0.03 | -0.40 | -1.37 | 0.27 | 0.27 | 0.44 | 355000 0 | 180000 0 |
| 38.9341888 50 | 1.7182 10871 | -0.03 | -0.33 | -1.47 | 0.28 | 0.28 | 0.45 | 360000 0 | 180000 0 |
| 38.9816297 00 | 2.2893 06957 | 0.01 | -0.21 | -1.34 | 0.36 | 0.36 | 0.60 | 365000 0 | 180000 0 |
| 39.0256908 70 | 2.8610 93066 | 0.00 | -0.15 | -1.22 | 0.32 | 0.32 | 0.54 | 370000 0 | 180000 0 |
| 39.0663660 70 | 3.4335 20076 | 0.04 | -0.10 | -1.11 | 0.35 | 0.35 | 0.59 | 375000 0 | 180000 0 |
| 39.2692729 90 | 8.0299 59106 | 0.14 | -0.51 | -0.95 | 0.33 | 0.36 | 0.62 | 415000 0 | 180000 0 |
| 39.2792693 80 | 8.6058 70350 | 0.10 | -0.64 | -0.77 | 0.18 | 0.24 | 0.40 | 420000 0 | 180000 0 |
| 39.2858431 20 | 9.1819 09080 | -0.08 | -0.48 | -0.95 | 0.17 | 0.17 | 0.29 | 425000 0 | 180000 0 |
| 39.2889932 60 | 9.7580 22656 | 0.02 | -0.29 | -1.50 | 0.25 | 0.27 | 0.47 | 430000 0 | 180000 0 |
| 39.1633712 50 | 14.937 731210 | 2.05 | -0.20 | -2.27 | 0.35 | 0.35 | 0.61 | 475000 0 | 180000 0 |
| 39.1323424 10 | 15.511 706060 | 2.36 | 0.15 | -1.97 | 0.32 | 0.32 | 0.56 | 480000 0 | 180000 0 |
| 39.0979122 80 | 16.085 182260 | 2.88 | 0.52 | -1.25 | 0.24 | 0.25 | 0.46 | 485000 0 | 180000 0 |
| 39.0600858 20 | 16.658 109270 | 3.07 | 1.58 | -0.53 | 0.22 | 0.22 | 0.42 | 490000 0 | 180000 0 |
| 39.0188684 60 | 17.230 437060 | 2.58 | 2.08 | -0.39 | 0.26 | 0.27 | 0.52 | 495000 0 | 180000 0 |
| 38.8202149 30 | 19.512 772770 | -0.12 | -2.08 | -0.75 | 0.41 | 0.42 | 0.74 | 515000 0 | 180000 0 |
| 38.7621406 80 | 20.081 372070 | -8.91 | -7.58 | -0.74 | 0.41 | 0.38 | 0.64 | 520000 0 | 180000 0 |
| 38.7007176 80 | 20.649 083440 | -13.18 | -7.19 | -0.72 | 0.23 | 0.21 | 0.44 | 525000 0 | 180000 0 |
| 38.6359544 80 | 21.215 861020 | -7.17 | -10.85 | -1.00 | 0.21 | 0.22 | 0.43 | 530000 0 | 180000 0 |
| 38.5678600 40 | 21.781 659710 | -15.76 | -11.22 | -1.14 | 0.28 | 0.30 | 0.45 | 535000 0 | 180000 0 |
| 38.4964437 20 | 22.346 435180 | -15.64 | -11.60 | -0.75 | 0.25 | 0.27 | 0.46 | 540000 0 | 180000 0 |
| 38.4217152 70 | 22.910 143900 | -18.04 | -11.05 | -0.23 | 0.27 | 0.29 | 0.49 | 545000 0 | 180000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 38.3436848 50 | 23.472 743170 | -25.21 | -15.53 | 0.07 | 0.25 | 0.49 | 0.44 | 550000 0 | 180000 0 |
| 38.2623629 60 | 24.034 191130 | -25.08 | -15.46 | -0.28 | 0.28 | 0.50 | 0.43 | 555000 0 | 180000 0 |
| 38.1777604 90 | 24.594 446820 | -26.31 | -16.58 | -0.66 | 0.32 | 0.52 | 0.53 | 560000 0 | 180000 0 |
| 38.0898886 70 | 25.153 470180 | -26.06 | -17.68 | -0.63 | 0.39 | 0.54 | 0.62 | 565000 0 | 180000 0 |
| 37.9987590 60 | 25.711 222070 | -24.89 | -18.44 | -0.43 | 0.42 | 0.52 | 0.62 | 570000 0 | 180000 0 |
| 37.9043835 90 | 26.267 664310 | -24.15 | -18.98 | -0.38 | 0.42 | 0.48 | 0.54 | 575000 0 | 180000 0 |
| 37.8067744 60 | 26.822 759690 | -23.91 | -19.45 | -0.53 | 0.42 | 0.45 | 0.53 | 580000 0 | 180000 0 |
| 37.7059442 30 | 27.376 471990 | -22.49 | -20.18 | -0.80 | 0.51 | 0.47 | 0.59 | 585000 0 | 180000 0 |
| 37.6019057 00 | 27.928 765970 | -21.20 | -20.41 | -1.00 | 0.56 | 0.46 | 0.61 | 590000 0 | 180000 0 |
| 37.4946720 10 | 28.479 607460 | -21.86 | -20.49 | -1.03 | 0.64 | 0.48 | 0.64 | 595000 0 | 180000 0 |
| 37.3842565 30 | 29.028 963280 | -4.20 | -14.67 | -1.14 | 0.38 | 0.37 | 0.65 | 600000 0 | 180000 0 |
| 37.2706729 10 | 29.576 801320 | -6.05 | -16.02 | -1.13 | 0.33 | 0.30 | 0.59 | 605000 0 | 180000 0 |
| 37.1539350 40 | 30.123 090540 | -6.58 | -15.52 | -1.24 | 0.34 | 0.33 | 0.59 | 610000 0 | 180000 0 |
| 37.0340570 60 | 30.667 800940 | -6.38 | -14.41 | -1.32 | 0.27 | 0.28 | 0.52 | 615000 0 | 180000 0 |
| 36.9110533 10 | 31.210 903640 | -4.58 | -13.67 | -1.30 | 0.36 | 0.36 | 0.63 | 620000 0 | 180000 0 |
| 36.7849383 70 | 31.752 370820 | -2.66 | -12.99 | -1.28 | 0.39 | 0.38 | 0.67 | 625000 0 | 180000 0 |
| 36.6557269 80 | 32.292 175750 | -0.92 | -12.27 | -1.29 | 0.38 | 0.35 | 0.64 | 630000 0 | 180000 0 |
| 36.5234341 10 | 32.830 292830 | 0.47 | -11.65 | -1.28 | 0.35 | 0.32 | 0.61 | 635000 0 | 180000 0 |
| 36.3880748 70 | 33.366 697510 | 1.57 | -11.17 | -1.19 | 0.34 | 0.34 | 0.59 | 640000 0 | 180000 0 |
| 36.2496645 30 | 33.901 366400 | 2.61 | -10.82 | -1.09 | 0.25 | 0.25 | 0.46 | 645000 0 | 180000 0 |
| 36.1082185 40 | 34.434 277180 | 3.72 | -10.65 | -1.02 | 0.35 | 0.36 | 0.62 | 650000 0 | 180000 0 |
| 35.9637524 60 | 34.965 408650 | 4.61 | -10.36 | -0.89 | 0.40 | 0.40 | 0.72 | 655000 0 | 180000 0 |
| 35.8162819 70 | 35.494 740700 | 9.81 | -5.95 | -0.77 | 0.57 | 0.44 | 0.74 | 660000 0 | 180000 0 |
| 35.6658228 90 | 36.022 254350 | 10.18 | -5.84 | -0.71 | 0.54 | 0.44 | 0.75 | 665000 0 | 180000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 35.5123911 00 | 36.547 931700 | 10.69 | -5.61 | -0.70 | 0.53 | 0.47 | 0.78 | 670000 0 | 180000 0 |
| 35.3560026 10 | 37.071 755930 | 11.16 | -5.35 | -0.68 | 0.52 | 0.49 | 0.82 | 675000 0 | 180000 0 |
| 36.8511286 00 | - 9.3640 10121 | 0.24 | -0.99 | -1.07 | 0.39 | 0.39 | 0.70 | 260000 0 | 175000 0 |
| 36.9633779 30 | - 8.8190 56445 | 0.38 | -1.55 | -1.09 | 0.27 | 0.27 | 0.45 | 265000 0 | 175000 0 |
| 37.0724765 40 | - 8.2726 31405 | 0.34 | -1.97 | -1.01 | 0.26 | 0.26 | 0.42 | 270000 0 | 175000 0 |
| 37.1784112 10 | - 7.7247 66556 | 0.34 | -2.10 | -0.84 | 0.20 | 0.20 | 0.33 | 275000 0 | 175000 0 |
| 37.2811689 90 | - 7.1754 94466 | 0.58 | -1.98 | -0.72 | 0.25 | 0.25 | 0.40 | 280000 0 | 175000 0 |
| 37.3807371 70 | - 6.6248 48694 | 0.56 | -1.90 | -0.59 | 0.27 | 0.27 | 0.45 | 285000 0 | 175000 0 |
| 37.4771033 60 | - 6.0728 63781 | 0.33 | -1.77 | -0.42 | 0.26 | 0.26 | 0.44 | 290000 0 | 175000 0 |
| 37.5702554 10 | - 5.5195 75233 | 0.06 | -1.64 | -0.30 | 0.29 | 0.29 | 0.48 | 295000 0 | 175000 0 |
| 37.6601815 20 | - 4.9650 19505 | -0.12 | -1.48 | -0.41 | 0.28 | 0.28 | 0.45 | 300000 0 | 175000 0 |
| 37.7468701 70 | - 4.4092 33977 | -0.10 | -1.31 | -0.59 | 0.26 | 0.26 | 0.42 | 305000 0 | 175000 0 |
| 37.8303101 90 | - 3.8522 56944 | 0.00 | -1.28 | -0.69 | 0.22 | 0.22 | 0.39 | 310000 0 | 175000 0 |
| 37.9104907 20 | - 3.2941 27585 | -0.34 | -1.58 | -0.71 | 0.27 | 0.27 | 0.44 | 315000 0 | 175000 0 |
| 37.9874012 60 | - 2.7348 85948 | -0.46 | -1.52 | -0.63 | 0.27 | 0.27 | 0.45 | 320000 0 | 175000 0 |
| 38.0610316 60 | - 2.1745 72920 | -0.32 | -1.10 | -0.52 | 0.25 | 0.25 | 0.41 | 325000 0 | 175000 0 |
| 38.1313721 50 | - 1.6132 30209 | 0.06 | -0.83 | -0.53 | 0.23 | 0.23 | 0.37 | 330000 0 | 175000 0 |
| 38.1984133 20 | - 1.0509 | 0.25 | -0.82 | -0.66 | 0.21 | 0.21 | 0.34 | 335000 0 | 175000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| | 00309 | | | | | | | | |
| 38.2621461 40 | - 0.4876 26482 | 0.13 | -0.66 | -0.81 | 0.23 | 0.24 | 0.40 | 340000 0 | 175000 0 |
| 38.3225620 00 | 0.0765 47279 | 0.10 | -0.42 | -0.90 | 0.31 | 0.31 | 0.53 | 345000 0 | 175000 0 |
| 38.3796526 70 | 0.6415 76276 | 0.10 | -0.33 | -1.04 | 0.36 | 0.36 | 0.62 | 350000 0 | 175000 0 |
| 38.4334103 30 | 1.2074 15136 | 0.18 | -0.28 | -1.18 | 0.33 | 0.33 | 0.55 | 355000 0 | 175000 0 |
| 38.4838275 80 | 1.7740 17847 | 0.16 | -0.22 | -1.25 | 0.34 | 0.34 | 0.58 | 360000 0 | 175000 0 |
| 38.8162759 60 | 8.0433 65425 | 0.15 | -0.38 | -0.95 | 0.36 | 0.38 | 0.67 | 415000 0 | 175000 0 |
| 38.8261931 60 | 8.6153 60329 | 0.14 | -0.43 | -0.97 | 0.30 | 0.33 | 0.56 | 420000 0 | 175000 0 |
| 38.8327148 10 | 9.1874 78984 | 0.11 | -0.31 | -1.09 | 0.31 | 0.32 | 0.55 | 425000 0 | 175000 0 |
| 38.8358399 70 | 9.7596 70291 | 0.21 | -0.25 | -1.34 | 0.35 | 0.35 | 0.63 | 430000 0 | 175000 0 |
| 38.8005199 60 | 12.619 926340 | 1.41 | -0.61 | -1.22 | 0.36 | 0.38 | 0.68 | 455000 0 | 175000 0 |
| 38.7832738 50 | 13.191 480090 | 1.70 | -0.63 | -1.37 | 0.19 | 0.31 | 0.58 | 460000 0 | 175000 0 |
| 38.7626383 10 | 13.762 749500 | 2.23 | -0.72 | -1.57 | 0.33 | 0.35 | 0.63 | 465000 0 | 175000 0 |
| 38.7386162 80 | 14.333 684150 | 2.74 | -0.74 | -2.16 | 0.30 | 0.30 | 0.56 | 470000 0 | 175000 0 |
| 38.7112111 70 | 14.904 233930 | 3.04 | -0.40 | -2.76 | 0.24 | 0.24 | 0.45 | 475000 0 | 175000 0 |
| 38.6804268 70 | 15.474 349020 | 3.02 | 0.16 | -2.18 | 0.26 | 0.27 | 0.49 | 480000 0 | 175000 0 |
| 38.6462677 10 | 16.043 979990 | 2.98 | 0.70 | -1.18 | 0.25 | 0.26 | 0.48 | 485000 0 | 175000 0 |
| 38.6087385 10 | 16.613 077750 | 2.94 | 1.48 | -0.58 | 0.24 | 0.25 | 0.48 | 490000 0 | 175000 0 |
| 38.5678445 30 | 17.181 593690 | 2.18 | 1.42 | -0.49 | 0.35 | 0.35 | 0.63 | 495000 0 | 175000 0 |
| 38.3131187 10 | 20.013 779160 | -8.43 | -9.94 | -0.86 | 0.43 | 0.39 | 0.68 | 520000 0 | 175000 0 |
| 38.2521715 70 | 20.577 811920 | -11.96 | -9.19 | -1.08 | 0.31 | 0.29 | 0.53 | 525000 0 | 175000 0 |
| 38.1879088 20 | 21.140 937660 | -16.28 | -11.26 | -1.34 | 0.29 | 0.30 | 0.48 | 530000 0 | 175000 0 |
| 38.1203391 50 | 21.703 112500 | -15.41 | -13.92 | -1.54 | 0.25 | 0.27 | 0.44 | 535000 0 | 175000 0 |
| 38.0494716 30 | 22.264 293290 | -26.59 | -16.83 | -1.18 | 0.33 | 0.47 | 0.46 | 540000 0 | 175000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 37.9753157 40 | 22.824 437680 | -26.53 | -15.55 | -0.61 | 0.30 | 0.44 | 0.43 | 545000 0 | 175000 0 |
| 37.8978813 10 | 23.383 504080 | -26.51 | -16.23 | -0.38 | 0.30 | 0.47 | 0.48 | 550000 0 | 175000 0 |
| 37.8171785 50 | 23.941 451730 | -27.19 | -16.94 | -0.51 | 0.25 | 0.44 | 0.43 | 555000 0 | 175000 0 |
| 37.7332180 10 | 24.498 240740 | -27.61 | -17.38 | -0.83 | 0.30 | 0.47 | 0.54 | 560000 0 | 175000 0 |
| 37.6460106 10 | 25.053 832050 | -26.78 | -17.69 | -0.60 | 0.34 | 0.47 | 0.60 | 565000 0 | 175000 0 |
| 37.5555675 70 | 25.608 187510 | -25.80 | -17.99 | -0.04 | 0.41 | 0.47 | 0.58 | 570000 0 | 175000 0 |
| 37.4619004 50 | 26.161 269910 | -25.72 | -18.20 | 0.18 | 0.43 | 0.43 | 0.50 | 575000 0 | 175000 0 |
| 37.3650211 20 | 26.713 042920 | -25.70 | -18.37 | -0.18 | 0.46 | 0.44 | 0.58 | 580000 0 | 175000 0 |
| 37.2649417 60 | 27.263 471200 | -24.83 | -18.46 | -0.71 | 0.46 | 0.39 | 0.55 | 585000 0 | 175000 0 |
| 37.1616748 20 | 27.812 520360 | -23.53 | -17.77 | -1.06 | 0.56 | 0.44 | 0.62 | 590000 0 | 175000 0 |
| 37.0552330 30 | 28.360 157000 | -21.69 | -17.37 | -1.28 | 0.61 | 0.43 | 0.60 | 595000 0 | 175000 0 |
| 36.9456294 20 | 28.906 348710 | -20.28 | -17.33 | -1.63 | 0.66 | 0.42 | 0.56 | 600000 0 | 175000 0 |
| 36.8328772 20 | 29.451 064110 | -2.32 | -11.34 | -1.71 | 0.32 | 0.31 | 0.54 | 605000 0 | 175000 0 |
| 36.7169899 50 | 29.994 272810 | -4.97 | -12.20 | -1.60 | 0.35 | 0.34 | 0.61 | 610000 0 | 175000 0 |
| 36.5979813 40 | 30.535 945480 | -5.64 | -12.04 | -1.56 | 0.33 | 0.32 | 0.62 | 615000 0 | 175000 0 |
| 36.4758653 30 | 31.076 053820 | -4.26 | -11.78 | -1.44 | 0.39 | 0.38 | 0.69 | 620000 0 | 175000 0 |
| 36.3506560 80 | 31.614 570560 | -2.58 | -11.37 | -1.36 | 0.41 | 0.41 | 0.73 | 625000 0 | 175000 0 |
| 36.2223679 60 | 32.151 469520 | -1.07 | -10.83 | -1.35 | 0.40 | 0.39 | 0.70 | 630000 0 | 175000 0 |
| 36.0910154 90 | 32.686 725560 | 0.20 | -10.25 | -1.35 | 0.30 | 0.30 | 0.60 | 635000 0 | 175000 0 |
| 35.9566133 70 | 33.220 314600 | 1.48 | -9.64 | -1.22 | 0.33 | 0.33 | 0.60 | 640000 0 | 175000 0 |
| 35.8191764 90 | 33.752 213640 | 2.73 | -9.26 | -1.02 | 0.36 | 0.36 | 0.62 | 645000 0 | 175000 0 |
| 35.6787198 40 | 34.282 400730 | 3.78 | -9.13 | -0.87 | 0.38 | 0.38 | 0.67 | 650000 0 | 175000 0 |
| 35.5352585 80 | 34.810 855020 | 4.58 | -9.08 | -0.78 | 0.41 | 0.41 | 0.74 | 655000 0 | 175000 0 |
| 35.3888079 70 | 35.337 556700 | 9.87 | -5.23 | -0.70 | 0.59 | 0.48 | 0.77 | 660000 0 | 175000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 35.2393834 00 | 35.862 487030 | 10.24 | -5.16 | -0.65 | 0.57 | 0.48 | 0.79 | 665000 0 | 175000 0 |
| 35.0870003 50 | 36.385 628350 | 8.63 | -5.67 | -0.62 | 0.62 | 1.11 | 0.81 | 670000 0 | 175000 0 |
| 36.5241100 40 | - 8.6991 26639 | 0.27 | -1.24 | -0.94 | 0.39 | 0.39 | 0.68 | 265000 0 | 170000 0 |
| 36.6324146 00 | - 8.1558 22624 | 0.30 | -1.61 | -0.89 | 0.37 | 0.37 | 0.63 | 270000 0 | 170000 0 |
| 36.7375749 30 | - 7.6111 18166 | 0.36 | -1.89 | -0.81 | 0.35 | 0.35 | 0.59 | 275000 0 | 170000 0 |
| 36.8395784 60 | - 7.0650 45085 | 0.52 | -2.07 | -0.70 | 0.33 | 0.33 | 0.55 | 280000 0 | 170000 0 |
| 36.9384128 40 | - 6.5176 36156 | 0.60 | -2.21 | -0.49 | 0.29 | 0.29 | 0.48 | 285000 0 | 170000 0 |
| 37.0340660 30 | - 5.9689 25099 | 0.53 | -2.23 | -0.13 | 0.24 | 0.24 | 0.39 | 290000 0 | 170000 0 |
| 37.1265262 50 | - 5.4189 46563 | 0.19 | -2.23 | 0.11 | 0.22 | 0.22 | 0.36 | 295000 0 | 170000 0 |
| 37.2157820 20 | - 4.8677 36106 | -0.23 | -2.07 | -0.19 | 0.27 | 0.27 | 0.44 | 300000 0 | 170000 0 |
| 37.3018221 70 | - 4.3153 30182 | -0.43 | -1.85 | -0.53 | 0.28 | 0.28 | 0.48 | 305000 0 | 170000 0 |
| 37.3846358 40 | - 3.7617 66118 | -0.48 | -1.85 | -0.53 | 0.28 | 0.28 | 0.50 | 310000 0 | 170000 0 |
| 37.4642125 00 | - 3.2070 82094 | -0.47 | -1.85 | -0.43 | 0.29 | 0.29 | 0.51 | 315000 0 | 170000 0 |
| 37.5405419 60 | - 2.6513 17123 | -0.35 | -1.66 | -0.26 | 0.27 | 0.27 | 0.45 | 320000 0 | 170000 0 |
| 37.6136143 70 | - 2.0945 11026 | 0.06 | -1.19 | -0.25 | 0.28 | 0.28 | 0.45 | 325000 0 | 170000 0 |
| 37.6834202 40 | - 1.5367 04410 | 0.62 | -0.90 | -0.45 | 0.26 | 0.26 | 0.43 | 330000 0 | 170000 0 |
| 37.7499504 50 | - 0.9779 38638 | 0.88 | -0.92 | -0.86 | 0.19 | 0.19 | 0.32 | 335000 0 | 170000 0 |
| 37.8131962 40 | - 0.4182 | 0.44 | -0.68 | -1.01 | 0.28 | 0.28 | 0.47 | 340000 0 | 170000 0 |

| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|--------|--------|-------|---------|---------|----------|---------|----------|
| | 55808 | | | | | | | | |
| 37.873149240 | 0.142301278 | 0.26 | -0.43 | -0.98 | 0.37 | 0.37 | 0.65 | 3450000 | 1700000 |
| 38.361150870 | 12.034371850 | 1.46 | -0.74 | -1.14 | 0.38 | 0.38 | 0.68 | 4500000 | 1700000 |
| 38.347405040 | 12.602323060 | 2.18 | -0.99 | -1.10 | 0.31 | 0.32 | 0.56 | 4550000 | 1700000 |
| 38.330293780 | 13.170047350 | 2.82 | -1.04 | -0.88 | 0.26 | 0.28 | 0.49 | 4600000 | 1700000 |
| 38.309819460 | 13.737495570 | 3.14 | -1.01 | -1.01 | 0.31 | 0.32 | 0.54 | 4650000 | 1700000 |
| 38.285984940 | 14.304618760 | 4.05 | -0.99 | -1.42 | 0.29 | 0.29 | 0.52 | 4700000 | 1700000 |
| 38.258793530 | 14.871368260 | 5.35 | -0.62 | -1.53 | 0.24 | 0.24 | 0.45 | 4750000 | 1700000 |
| 38.228248970 | 15.437695690 | 4.34 | 0.16 | -1.21 | 0.21 | 0.24 | 0.45 | 4800000 | 1700000 |
| 38.194355500 | 16.003553010 | 2.49 | 0.77 | -0.85 | 0.22 | 0.25 | 0.49 | 4850000 | 1700000 |
| 38.157117770 | 16.568892570 | 2.20 | 1.03 | -0.64 | 0.30 | 0.30 | 0.58 | 4900000 | 1700000 |
| 37.863778370 | 19.947444820 | -7.95 | -13.00 | -0.90 | 0.45 | 0.42 | 0.73 | 5200000 | 1700000 |
| 37.803297970 | 20.507864930 | -11.87 | -12.47 | -1.04 | 0.37 | 0.35 | 0.60 | 5250000 | 1700000 |
| 37.739526100 | 21.067403890 | -14.89 | -14.03 | -1.25 | 0.29 | 0.29 | 0.47 | 5300000 | 1700000 |
| 37.672471190 | 21.626019010 | -28.42 | -18.15 | -1.54 | 0.36 | 0.44 | 0.44 | 5350000 | 1700000 |
| 37.602142050 | 22.183668300 | -26.47 | -17.81 | -1.65 | 0.33 | 0.43 | 0.45 | 5400000 | 1700000 |
| 37.528547870 | 22.740310530 | -27.38 | -16.84 | -1.53 | 0.29 | 0.42 | 0.45 | 5450000 | 1700000 |
| 37.451698180 | 23.295905200 | -28.10 | -17.44 | -1.16 | 0.25 | 0.41 | 0.49 | 5500000 | 1700000 |
| 37.371602910 | 23.850412630 | -27.99 | -17.56 | -0.88 | 0.32 | 0.45 | 0.57 | 5550000 | 1700000 |
| 37.288272280 | 24.403793940 | -27.51 | -17.51 | -0.75 | 0.34 | 0.45 | 0.60 | 5600000 | 1700000 |
| 37.201716900 | 24.956011070 | -26.78 | -17.54 | -0.28 | 0.31 | 0.42 | 0.59 | 5650000 | 1700000 |
| 37.111947660 | 25.507026850 | -26.14 | -17.68 | 0.53 | 0.34 | 0.42 | 0.52 | 5700000 | 1700000 |
| 37.018975790 | 26.056804950 | -27.23 | -17.53 | 0.79 | 0.42 | 0.44 | 0.55 | 5750000 | 1700000 |
| 36.922812810 | 26.605309970 | -28.18 | -17.06 | 0.24 | 0.44 | 0.42 | 0.61 | 5800000 | 1700000 |
| 36.8234705 | 27.152 | -28.22 | -16.17 | -0.53 | 0.47 | 0.39 | 0.59 | 5850000 | 1700000 |



| #Latitude | Longitude | N | E | Up | Sigma N | Sigma E | Sigma UP | easting | northing |
|--------------|--------------|--------|--------|-------|---------|---------|----------|---------|----------|
| 40 | 507410 | | | | | | | 0 | 0 |
| 36.720961090 | 27.698363690 | -26.99 | -14.59 | -1.21 | 0.52 | 0.36 | 0.56 | 590000 | 170000 |
| 36.615296830 | 28.242846190 | -23.66 | -13.59 | -1.44 | 0.59 | 0.39 | 0.59 | 595000 | 170000 |
| 36.506490390 | 28.785923250 | -20.07 | -14.04 | -1.86 | 0.63 | 0.38 | 0.53 | 600000 | 170000 |
| 36.394554650 | 29.327564170 | -20.17 | -15.66 | -1.99 | 0.69 | 0.38 | 0.55 | 605000 | 170000 |
| 36.279502740 | 29.867739250 | -4.07 | -9.47 | -1.79 | 0.36 | 0.34 | 0.64 | 610000 | 170000 |
| 36.161348000 | 30.406419780 | -4.78 | -10.10 | -1.63 | 0.38 | 0.36 | 0.69 | 615000 | 170000 |
| 36.040103990 | 30.943578050 | -3.73 | -10.21 | -1.47 | 0.42 | 0.41 | 0.75 | 620000 | 170000 |
| 35.788403440 | 32.013222030 | -1.11 | -9.49 | -1.37 | 0.41 | 0.41 | 0.75 | 630000 | 170000 |
| 35.657974980 | 32.545657410 | 0.15 | -8.77 | -1.38 | 0.37 | 0.38 | 0.68 | 635000 | 170000 |
| 35.524513420 | 33.076469860 | 1.51 | -7.90 | -1.28 | 0.33 | 0.34 | 0.58 | 640000 | 170000 |
| 35.388033210 | 33.605636790 | 3.02 | -7.60 | -0.89 | 0.30 | 0.30 | 0.53 | 645000 | 170000 |
| 35.248548970 | 34.133136640 | 4.05 | -7.64 | -0.72 | 0.32 | 0.32 | 0.61 | 650000 | 170000 |
| 35.106075430 | 34.658948870 | 4.56 | -7.89 | -0.67 | 0.40 | 0.40 | 0.73 | 655000 | 170000 |
| 34.812220030 | 35.705433520 | 8.42 | -5.28 | -0.57 | 0.47 | 1.00 | 0.78 | 665000 | 170000 |
| 36.397519660 | -6.956577245 | 0.42 | -2.17 | -0.72 | 0.37 | 0.38 | 0.65 | 280000 | 165000 |
| 36.495633660 | -6.412352794 | 0.48 | -2.77 | -0.62 | 0.25 | 0.26 | 0.44 | 285000 | 165000 |
| 36.590586940 | -5.866862070 | 0.50 | -3.06 | -0.27 | 0.27 | 0.28 | 0.46 | 290000 | 165000 |
| 36.682368070 | -5.320138884 | 0.21 | -3.09 | 0.14 | 0.24 | 0.24 | 0.40 | 295000 | 165000 |
| 36.770965900 | -4.772217922 | -0.50 | -2.99 | -0.34 | 0.25 | 0.26 | 0.43 | 300000 | 165000 |
| 36.856369590 | -4.223134732 | -1.02 | -2.84 | -0.88 | 0.26 | 0.27 | 0.44 | 305000 | 165000 |
| 36.938568600 | -3.672925699 | -1.13 | -2.64 | -0.83 | 0.25 | 0.25 | 0.45 | 310000 | 165000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 37.0175526 90 | - 3.1216 28031 | -0.72 | -2.23 | -0.68 | 0.30 | 0.30 | 0.51 | 315000 0 | 165000 0 |
| 37.0933119 90 | - 2.5692 79735 | -0.33 | -1.78 | -0.42 | 0.23 | 0.23 | 0.38 | 320000 0 | 165000 0 |
| 37.1658369 20 | - 2.0159 19594 | 0.24 | -1.24 | -0.39 | 0.28 | 0.28 | 0.47 | 325000 0 | 165000 0 |
| 37.2351182 80 | - 1.4615 87145 | 0.72 | -0.92 | -0.58 | 0.32 | 0.32 | 0.55 | 330000 0 | 165000 0 |
| 37.3011472 10 | - 0.9063 22654 | 0.95 | -0.77 | -0.90 | 0.32 | 0.32 | 0.55 | 335000 0 | 165000 0 |
| 37.3639152 30 | - 0.3501 67090 | 0.63 | -0.58 | -1.01 | 0.36 | 0.36 | 0.62 | 340000 0 | 165000 0 |
| 37.9076788 70 | 12.020 863620 | 1.69 | -0.92 | -1.11 | 0.36 | 0.36 | 0.65 | 450000 0 | 165000 0 |
| 37.8940393 20 | 12.585 050540 | 2.66 | -1.37 | -1.06 | 0.21 | 0.21 | 0.40 | 455000 0 | 165000 0 |
| 37.8770602 70 | 13.149 017120 | 2.97 | -1.41 | -0.68 | 0.23 | 0.23 | 0.41 | 460000 0 | 165000 0 |
| 37.8567440 30 | 13.712 715610 | 3.03 | -1.30 | -0.53 | 0.28 | 0.28 | 0.48 | 465000 0 | 165000 0 |
| 37.8330933 70 | 14.276 098470 | 4.02 | -1.23 | -0.65 | 0.30 | 0.30 | 0.53 | 470000 0 | 165000 0 |
| 37.8061114 90 | 14.839 118430 | 5.04 | -0.86 | -0.78 | 0.29 | 0.29 | 0.51 | 475000 0 | 165000 0 |
| 37.7758020 40 | 15.401 728510 | 4.13 | -0.12 | -0.83 | 0.26 | 0.29 | 0.52 | 480000 0 | 165000 0 |
| 37.7421691 00 | 15.963 882030 | 2.29 | 0.37 | -0.87 | 0.29 | 0.32 | 0.59 | 485000 0 | 165000 0 |
| 37.7052172 00 | 16.525 532690 | 1.71 | 0.48 | -0.78 | 0.37 | 0.37 | 0.69 | 490000 0 | 165000 0 |
| 37.3540918 20 | 20.439 210150 | -31.10 | -15.89 | -0.97 | 0.56 | 0.50 | 0.70 | 525000 0 | 165000 0 |
| 37.2908015 00 | 20.995 225930 | -30.49 | -17.67 | -1.14 | 0.49 | 0.46 | 0.61 | 530000 0 | 165000 0 |
| 37.2242516 00 | 21.550 344020 | -28.38 | -20.70 | -1.39 | 0.40 | 0.42 | 0.49 | 535000 0 | 165000 0 |
| 37.1544506 60 | 22.104 523590 | -27.35 | -20.96 | -1.63 | 0.31 | 0.37 | 0.39 | 540000 0 | 165000 0 |
| 37.0814076 00 | 22.657 724480 | -28.15 | -18.66 | -1.78 | 0.31 | 0.39 | 0.46 | 545000 0 | 165000 0 |
| 37.0051316 90 | 23.209 907260 | -28.25 | -17.62 | -1.55 | 0.31 | 0.40 | 0.51 | 550000 0 | 165000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 36.9256325 40 | 23.761 033280 | -27.70 | -17.46 | -1.03 | 0.36 | 0.44 | 0.61 | 555000 0 | 165000 0 |
| 36.8429200 90 | 24.311 064650 | -27.12 | -17.41 | -0.74 | 0.28 | 0.37 | 0.57 | 560000 0 | 165000 0 |
| 36.7570046 20 | 24.859 964310 | -27.30 | -17.61 | 0.03 | 0.33 | 0.39 | 0.58 | 565000 0 | 165000 0 |
| 36.6678967 20 | 25.407 696000 | -28.26 | -17.80 | 1.04 | 0.35 | 0.38 | 0.53 | 570000 0 | 165000 0 |
| 36.5756072 90 | 25.954 224300 | -28.99 | -17.01 | 1.06 | 0.39 | 0.40 | 0.57 | 575000 0 | 165000 0 |
| 36.4801475 20 | 26.499 514670 | -29.89 | -15.69 | 0.37 | 0.41 | 0.37 | 0.62 | 580000 0 | 165000 0 |
| 36.3815288 90 | 27.043 533440 | -30.04 | -14.07 | -0.58 | 0.48 | 0.37 | 0.58 | 585000 0 | 165000 0 |
| 36.2797631 50 | 27.586 247830 | -29.53 | -11.66 | -1.12 | 0.50 | 0.33 | 0.51 | 590000 0 | 165000 0 |
| 36.1748623 30 | 28.127 626000 | -26.45 | -10.54 | -1.34 | 0.54 | 0.32 | 0.55 | 595000 0 | 165000 0 |
| 36.0668387 10 | 28.667 636990 | -23.52 | -13.04 | -1.63 | 0.65 | 0.40 | 0.65 | 600000 0 | 165000 0 |
| 35.9557048 00 | 29.206 250820 | -22.77 | -15.20 | -1.73 | 0.72 | 0.43 | 0.70 | 605000 0 | 165000 0 |
| 35.8414733 50 | 29.743 438420 | -4.13 | -8.03 | -1.65 | 0.42 | 0.40 | 0.74 | 610000 0 | 165000 0 |
| 35.7241573 30 | 30.279 171710 | -4.11 | -8.75 | -1.53 | 0.42 | 0.41 | 0.77 | 615000 0 | 165000 0 |
| 35.3538347 30 | 31.877 379340 | -1.14 | -8.38 | -1.33 | 0.43 | 0.43 | 0.78 | 630000 0 | 165000 0 |
| 35.2243142 40 | 32.407 033920 | 0.05 | -7.63 | -1.37 | 0.40 | 0.40 | 0.72 | 635000 0 | 165000 0 |
| 35.0917769 90 | 32.935 108380 | 1.35 | -6.61 | -1.38 | 0.30 | 0.32 | 0.57 | 640000 0 | 165000 0 |
| 34.9562370 40 | 33.461 580540 | 2.86 | -6.71 | -0.85 | 0.28 | 0.29 | 0.50 | 645000 0 | 165000 0 |
| 34.8177086 10 | 33.986 429200 | 3.74 | -6.79 | -0.68 | 0.35 | 0.35 | 0.65 | 650000 0 | 165000 0 |
| 34.6762060 50 | 34.509 634170 | 4.34 | -6.96 | -0.61 | 0.41 | 0.41 | 0.74 | 655000 0 | 165000 0 |
| 36.0523973 50 | - 6.3089 54064 | 0.46 | -3.15 | -0.69 | 0.34 | 0.34 | 0.59 | 285000 0 | 160000 0 |
| 36.1466635 10 | - 5.7666 31169 | 0.61 | -4.05 | -0.58 | 0.25 | 0.26 | 0.42 | 290000 0 | 160000 0 |
| 36.2377780 10 | - 5.2231 09737 | 0.38 | -3.89 | -0.37 | 0.25 | 0.27 | 0.43 | 295000 0 | 160000 0 |
| 36.3257300 20 | - 4.6784 | -0.24 | -3.43 | -0.65 | 0.32 | 0.33 | 0.55 | 300000 0 | 160000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| | 23603 | | | | | | | | |
| 36.4105090 20 | - 4.1326 07429 | -0.64 | -3.13 | -1.06 | 0.33 | 0.33 | 0.55 | 305000 0 | 160000 0 |
| 36.4921047 70 | - 3.5856 96686 | -0.74 | -2.95 | -1.23 | 0.30 | 0.30 | 0.50 | 310000 0 | 160000 0 |
| 36.5705073 30 | - 3.0377 27634 | -0.28 | -2.46 | -1.19 | 0.32 | 0.32 | 0.53 | 315000 0 | 160000 0 |
| 36.6457071 10 | - 2.4887 37299 | 0.16 | -1.78 | -1.04 | 0.28 | 0.28 | 0.46 | 320000 0 | 160000 0 |
| 36.7176948 30 | - 1.9387 63458 | 0.39 | -1.25 | -0.83 | 0.35 | 0.35 | 0.59 | 325000 0 | 160000 0 |
| 36.7864615 40 | - 1.3878 44608 | 0.56 | -0.88 | -0.80 | 0.39 | 0.39 | 0.68 | 330000 0 | 160000 0 |
| 37.4539509 30 | 12.007 607760 | 1.55 | -0.95 | -1.08 | 0.39 | 0.39 | 0.71 | 450000 0 | 160000 0 |
| 37.4404156 00 | 12.568 100580 | 2.17 | -1.34 | -1.04 | 0.32 | 0.32 | 0.60 | 455000 0 | 160000 0 |
| 37.4235662 00 | 13.128 379400 | 2.47 | -1.73 | -1.04 | 0.24 | 0.25 | 0.47 | 460000 0 | 160000 0 |
| 37.4034049 80 | 13.688 397850 | 2.99 | -2.03 | -0.71 | 0.20 | 0.21 | 0.40 | 465000 0 | 160000 0 |
| 37.3799346 20 | 14.248 109760 | 3.17 | -1.76 | -0.68 | 0.25 | 0.26 | 0.45 | 470000 0 | 160000 0 |
| 37.3531582 30 | 14.807 469210 | 3.84 | -1.53 | -1.06 | 0.26 | 0.27 | 0.46 | 475000 0 | 160000 0 |
| 37.3230793 30 | 15.366 430530 | 3.77 | -0.87 | -1.14 | 0.29 | 0.31 | 0.54 | 480000 0 | 160000 0 |
| 36.8417300 90 | 20.924 371130 | -29.70 | -19.01 | -0.96 | 0.52 | 0.47 | 0.69 | 530000 0 | 160000 0 |
| 36.7756756 70 | 21.476 053520 | -29.15 | -22.16 | -1.03 | 0.40 | 0.38 | 0.52 | 535000 0 | 160000 0 |
| 36.7063930 10 | 22.026 823790 | -28.35 | -22.13 | -0.83 | 0.35 | 0.37 | 0.45 | 540000 0 | 160000 0 |
| 36.6338907 60 | 22.576 642830 | -27.79 | -19.51 | -0.74 | 0.30 | 0.36 | 0.41 | 545000 0 | 160000 0 |
| 36.5581779 00 | 23.125 472280 | -27.41 | -17.40 | -0.95 | 0.26 | 0.32 | 0.42 | 550000 0 | 160000 0 |
| 36.4792637 70 | 23.673 274480 | -27.27 | -17.31 | -0.71 | 0.36 | 0.41 | 0.60 | 555000 0 | 160000 0 |
| 36.3971580 30 | 24.220 012500 | -27.26 | -17.38 | -0.49 | 0.35 | 0.40 | 0.62 | 560000 0 | 160000 0 |
| 36.3118706 60 | 24.765 650230 | -27.90 | -17.61 | 0.04 | 0.36 | 0.40 | 0.61 | 565000 0 | 160000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 36.2234119 30 | 25.310 152320 | -29.26 | -17.76 | 0.74 | 0.34 | 0.35 | 0.55 | 570000 0 | 160000 0 |
| 36.1317924 30 | 25.853 484240 | -29.42 | -16.80 | 0.38 | 0.42 | 0.40 | 0.63 | 575000 0 | 160000 0 |
| 36.0370230 30 | 26.395 612290 | -29.81 | -15.37 | -0.29 | 0.46 | 0.41 | 0.66 | 580000 0 | 160000 0 |
| 35.9391148 80 | 26.936 503600 | -30.49 | -13.41 | -0.98 | 0.49 | 0.38 | 0.61 | 585000 0 | 160000 0 |
| 35.8380794 00 | 27.476 126200 | -30.62 | -11.18 | -1.31 | 0.50 | 0.33 | 0.55 | 590000 0 | 160000 0 |
| 35.7339282 70 | 28.014 448960 | -28.36 | -11.33 | -1.37 | 0.57 | 0.37 | 0.63 | 595000 0 | 160000 0 |
| 35.6266734 30 | 28.551 441660 | -25.60 | -13.54 | -1.47 | 0.66 | 0.43 | 0.72 | 600000 0 | 160000 0 |
| 34.9186628 50 | 31.743 889160 | -1.23 | -7.52 | -1.22 | 0.44 | 0.44 | 0.81 | 630000 0 | 160000 0 |
| 34.7900346 10 | 32.270 802300 | -0.13 | -7.00 | -1.20 | 0.42 | 0.43 | 0.77 | 635000 0 | 160000 0 |
| 34.6584057 60 | 32.796 176910 | 1.03 | -6.50 | -1.10 | 0.40 | 0.41 | 0.72 | 640000 0 | 160000 0 |
| 34.5237899 80 | 33.319 991200 | 2.17 | -6.32 | -0.87 | 0.40 | 0.40 | 0.71 | 645000 0 | 160000 0 |
| 34.3862011 10 | 33.842 224360 | 3.11 | -6.28 | -0.69 | 0.41 | 0.41 | 0.74 | 650000 0 | 160000 0 |
| 32.7816386 70 | - 17.719 150630 | 0.28 | -2.35 | -0.93 | 0.40 | 0.39 | 0.72 | 175000 0 | 155000 0 |
| 32.9410148 00 | - 17.212 172740 | 0.37 | -3.59 | -1.00 | 0.32 | 0.31 | 0.58 | 180000 0 | 155000 0 |
| 33.0975421 90 | - 16.703 527080 | 0.42 | -3.65 | -0.95 | 0.34 | 0.34 | 0.62 | 185000 0 | 155000 0 |
| 33.2512066 70 | - 16.193 226770 | 0.28 | -2.94 | -0.89 | 0.37 | 0.36 | 0.71 | 190000 0 | 155000 0 |
| 35.5119892 30 | - 6.7454 05585 | 0.39 | -2.43 | -0.73 | 0.42 | 0.42 | 0.74 | 280000 0 | 155000 0 |
| 35.6087014 60 | - 6.2073 96864 | 0.43 | -3.34 | -0.70 | 0.38 | 0.38 | 0.65 | 285000 0 | 155000 0 |
| 35.7022929 90 | - 5.6681 90289 | 0.46 | -4.61 | -0.66 | 0.28 | 0.28 | 0.46 | 290000 0 | 155000 0 |
| 35.7927530 30 | - 5.1278 18052 | 0.34 | -4.54 | -0.63 | 0.25 | 0.26 | 0.43 | 295000 0 | 155000 0 |
| 35.8800710 70 | - 4.5863 | 0.16 | -3.56 | -0.82 | 0.37 | 0.37 | 0.62 | 300000 0 | 155000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| | 13157 | | | | | | | | |
| 37.0101020 50 | 11.437 568220 | 0.95 | -0.66 | -1.08 | 0.43 | 0.43 | 0.81 | 445000 0 | 155000 0 |
| 36.9999597 80 | 11.994 598050 | 1.39 | -0.95 | -1.12 | 0.42 | 0.42 | 0.76 | 450000 0 | 155000 0 |
| 36.9865266 40 | 12.551 465240 | 1.87 | -1.31 | -1.15 | 0.39 | 0.39 | 0.71 | 455000 0 | 155000 0 |
| 36.9698044 00 | 13.108 124560 | 2.35 | -1.69 | -1.16 | 0.36 | 0.36 | 0.64 | 460000 0 | 155000 0 |
| 36.9497952 20 | 13.664 530970 | 2.87 | -1.99 | -1.13 | 0.33 | 0.33 | 0.58 | 465000 0 | 155000 0 |
| 36.9265016 90 | 14.220 639620 | 3.19 | -1.98 | -1.28 | 0.31 | 0.31 | 0.53 | 470000 0 | 155000 0 |
| 36.8999268 30 | 14.776 405890 | 3.85 | -1.91 | -1.68 | 0.18 | 0.18 | 0.31 | 475000 0 | 155000 0 |
| 36.8700740 80 | 15.331 785410 | 3.76 | -1.33 | -1.47 | 0.26 | 0.27 | 0.48 | 480000 0 | 155000 0 |
| 36.3267386 10 | 21.403 114620 | -28.80 | -20.03 | -0.64 | 0.49 | 0.44 | 0.69 | 535000 0 | 155000 0 |
| 36.2579645 30 | 21.950 534690 | -28.13 | -20.21 | -0.32 | 0.43 | 0.42 | 0.62 | 540000 0 | 155000 0 |
| 36.1859930 00 | 22.497 030140 | -27.39 | -19.03 | -0.05 | 0.37 | 0.39 | 0.55 | 545000 0 | 155000 0 |
| 36.1108327 40 | 23.042 563580 | -26.84 | -17.67 | -0.05 | 0.31 | 0.34 | 0.51 | 550000 0 | 155000 0 |
| 36.0324928 10 | 23.587 098330 | -26.93 | -17.30 | -0.27 | 0.36 | 0.40 | 0.59 | 555000 0 | 155000 0 |
| 35.9509825 80 | 24.130 598430 | -27.26 | -17.24 | -0.38 | 0.36 | 0.39 | 0.60 | 560000 0 | 155000 0 |
| 35.8663117 50 | 24.673 028670 | -27.69 | -17.38 | -0.35 | 0.37 | 0.39 | 0.61 | 565000 0 | 155000 0 |
| 35.7784903 00 | 25.214 354590 | -28.26 | -17.27 | -0.41 | 0.38 | 0.38 | 0.61 | 570000 0 | 155000 0 |
| 35.6875285 10 | 25.754 542520 | -28.66 | -16.60 | -0.74 | 0.41 | 0.39 | 0.62 | 575000 0 | 155000 0 |
| 35.5934369 30 | 26.293 559580 | -29.12 | -15.57 | -1.10 | 0.44 | 0.39 | 0.64 | 580000 0 | 155000 0 |
| 35.4962264 10 | 26.831 373710 | -30.02 | -13.93 | -1.48 | 0.46 | 0.35 | 0.59 | 585000 0 | 155000 0 |
| 35.3959080 30 | 27.367 953690 | -29.89 | -12.86 | -1.62 | 0.50 | 0.34 | 0.59 | 590000 0 | 155000 0 |
| 34.3551371 30 | 32.136 911330 | -0.37 | -6.44 | -1.04 | 0.44 | 0.44 | 0.82 | 635000 0 | 155000 0 |
| 34.2244011 10 | 32.659 623750 | 0.66 | -6.11 | -0.94 | 0.44 | 0.44 | 0.80 | 640000 0 | 155000 0 |
| 34.0906937 30 | 33.180 816680 | 1.65 | -5.88 | -0.80 | 0.43 | 0.44 | 0.79 | 645000 0 | 155000 0 |
| 32.3564009 | - | 0.36 | -2.43 | -0.93 | 0.39 | 0.39 | 0.70 | 175000 | 150000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|------|-------|-------|------------|------------|-------------|-------------|--------------|
| 80 | 17.561 261570 | | | | | | | 0 | 0 |
| 32.5147638 70 | - 17.056 505330 | 0.68 | -3.98 | -0.98 | 0.27 | 0.27 | 0.45 | 180000 0 | 150000 0 |
| 32.6702902 00 | - 16.550 123300 | 0.61 | -3.89 | -0.96 | 0.31 | 0.31 | 0.54 | 185000 0 | 150000 0 |
| 32.8229661 30 | - 16.042 128440 | 0.35 | -2.85 | -0.90 | 0.39 | 0.38 | 0.71 | 190000 0 | 150000 0 |
| 35.1645433 60 | - 6.1076 39477 | 0.42 | -3.21 | -0.68 | 0.40 | 0.40 | 0.69 | 285000 0 | 150000 0 |
| 35.2574724 70 | - 5.5714 98682 | 0.35 | -4.06 | -0.64 | 0.34 | 0.34 | 0.57 | 290000 0 | 150000 0 |
| 35.3472899 50 | - 5.0342 24092 | 0.33 | -4.06 | -0.69 | 0.33 | 0.34 | 0.57 | 295000 0 | 150000 0 |
| 35.4339855 60 | - 4.4958 47899 | 0.41 | -3.30 | -0.87 | 0.39 | 0.39 | 0.68 | 300000 0 | 150000 0 |
| 35.5175493 90 | - 3.9564 03063 | 0.68 | -2.94 | -1.12 | 0.39 | 0.39 | 0.68 | 305000 0 | 150000 0 |
| 35.5979717 60 | - 3.4159 23291 | 1.26 | -3.02 | -1.41 | 0.34 | 0.34 | 0.57 | 310000 0 | 150000 0 |
| 35.6752433 30 | - 2.8744 43021 | 1.64 | -2.93 | -1.56 | 0.28 | 0.28 | 0.47 | 315000 0 | 150000 0 |
| 35.8202981 40 | - 1.7886 22274 | 0.74 | -1.30 | -1.13 | 0.42 | 0.42 | 0.75 | 325000 0 | 150000 0 |
| 35.8880642 10 | - 1.2443 54145 | 0.51 | -0.82 | -1.00 | 0.43 | 0.43 | 0.80 | 330000 0 | 150000 0 |
| 36.5557646 40 | 11.428 362140 | 0.95 | -0.71 | -1.11 | 0.44 | 0.44 | 0.81 | 445000 0 | 150000 0 |
| 36.5456980 90 | 11.981 828510 | 1.37 | -1.03 | -1.20 | 0.42 | 0.42 | 0.77 | 450000 0 | 150000 0 |
| 36.5323652 10 | 12.535 136860 | 1.83 | -1.36 | -1.27 | 0.41 | 0.41 | 0.74 | 455000 0 | 150000 0 |
| 36.4727875 40 | 14.193 675460 | 3.27 | -1.85 | -1.57 | 0.35 | 0.35 | 0.61 | 470000 0 | 150000 0 |
| 36.4464103 70 | 14.745 914280 | 3.61 | -1.72 | -1.71 | 0.31 | 0.31 | 0.53 | 475000 0 | 150000 0 |
| 36.4167794 30 | 15.297 777360 | 3.10 | -1.27 | -1.53 | 0.36 | 0.36 | 0.63 | 480000 0 | 150000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 35.7377098 70 | 22.418 852100 | -27.40 | -18.13 | -0.06 | 0.44 | 0.44 | 0.70 | 545000 0 | 150000 0 |
| 35.6630919 90 | 22.961 145660 | -26.85 | -17.60 | 0.03 | 0.39 | 0.41 | 0.66 | 550000 0 | 150000 0 |
| 35.5853156 80 | 23.502 468190 | -26.48 | -17.27 | -0.02 | 0.32 | 0.37 | 0.58 | 555000 0 | 150000 0 |
| 35.5043900 30 | 24.042 784670 | -27.01 | -16.79 | -0.41 | 0.20 | 0.25 | 0.41 | 560000 0 | 150000 0 |
| 35.4203244 70 | 24.582 060770 | -27.29 | -17.20 | -0.73 | 0.25 | 0.29 | 0.50 | 565000 0 | 150000 0 |
| 35.3331286 80 | 25.120 262900 | -27.75 | -17.07 | -1.22 | 0.26 | 0.27 | 0.47 | 570000 0 | 150000 0 |
| 35.2428126 50 | 25.657 358230 | -28.19 | -16.33 | -1.70 | 0.29 | 0.27 | 0.49 | 575000 0 | 150000 0 |
| 35.1493866 40 | 26.193 314680 | -28.29 | -16.08 | -1.66 | 0.32 | 0.25 | 0.55 | 580000 0 | 150000 0 |
| 35.0528611 70 | 26.728 100970 | -28.58 | -15.16 | -1.59 | 0.48 | 0.39 | 0.67 | 585000 0 | 150000 0 |
| 34.9532470 20 | 27.261 686620 | -28.23 | -14.72 | -1.54 | 0.55 | 0.43 | 0.72 | 590000 0 | 150000 0 |
| 32.0877423 80 | - 16.903 394770 | 0.45 | -2.61 | -0.92 | 0.39 | 0.39 | 0.68 | 180000 0 | 145000 0 |
| 32.2422838 60 | - 16.399 249260 | 0.45 | -2.68 | -0.92 | 0.39 | 0.39 | 0.69 | 185000 0 | 145000 0 |
| 32.3939873 80 | - 15.893 531650 | 0.31 | -2.12 | -0.88 | 0.42 | 0.41 | 0.76 | 190000 0 | 145000 0 |
| 35.0704427 00 | - 3.8706 52033 | 0.86 | -2.59 | -1.02 | 0.40 | 0.40 | 0.71 | 305000 0 | 145000 0 |
| 35.1502944 60 | - 3.3333 07170 | 1.50 | -2.78 | -1.19 | 0.34 | 0.34 | 0.58 | 310000 0 | 145000 0 |
| 35.2270160 70 | - 2.7949 89371 | 2.01 | -2.92 | -1.27 | 0.23 | 0.23 | 0.38 | 315000 0 | 145000 0 |
| 35.3005987 40 | - 2.2557 32882 | 1.26 | -1.89 | -1.20 | 0.38 | 0.38 | 0.67 | 320000 0 | 145000 0 |
| 35.3710339 80 | - 1.7155 72615 | 0.77 | -1.18 | -1.08 | 0.42 | 0.42 | 0.77 | 325000 0 | 145000 0 |
| 35.4383136 00 | - 1.1745 44125 | 0.48 | -0.74 | -0.98 | 0.44 | 0.44 | 0.82 | 330000 0 | 145000 0 |
| 36.0779239 90 | 12.519 108060 | 2.07 | -1.62 | -1.41 | 0.39 | 0.39 | 0.67 | 455000 0 | 145000 0 |
| 36.0614488 | 13.068 | 2.38 | -1.74 | -1.47 | 0.39 | 0.39 | 0.68 | 460000 | 145000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 00 | 726590 | | | | | | | 0 | 0 |
| 36.0187851 00 | 14.167 205150 | 3.43 | -1.85 | -1.65 | 0.33 | 0.33 | 0.60 | 470000 0 | 145000 0 |
| 35.9926018 60 | 14.715 980680 | 3.67 | -1.78 | -1.67 | 0.28 | 0.30 | 0.54 | 475000 0 | 145000 0 |
| 35.2149513 20 | 22.881 184200 | -26.91 | -17.24 | -0.03 | 0.41 | 0.43 | 0.72 | 550000 0 | 145000 0 |
| 35.1377282 90 | 23.419 348610 | -26.24 | -17.04 | 0.03 | 0.29 | 0.36 | 0.62 | 555000 0 | 145000 0 |
| 35.0573765 40 | 23.956 534670 | -26.36 | -16.34 | -0.33 | 0.26 | 0.31 | 0.49 | 560000 0 | 145000 0 |
| 34.9739052 10 | 24.492 708930 | -27.68 | -16.66 | -0.75 | 0.30 | 0.34 | 0.51 | 565000 0 | 145000 0 |
| 34.8873237 30 | 25.027 838630 | -28.72 | -16.77 | -1.20 | 0.30 | 0.32 | 0.53 | 570000 0 | 145000 0 |
| 34.7976417 90 | 25.561 891770 | -28.37 | -16.32 | -1.57 | 0.39 | 0.38 | 0.62 | 575000 0 | 145000 0 |
| 34.7048693 50 | 26.094 837050 | -28.01 | -16.11 | -1.61 | 0.44 | 0.40 | 0.68 | 580000 0 | 145000 0 |
| 34.6090166 50 | 26.626 643950 | -27.64 | -15.90 | -1.50 | 0.51 | 0.45 | 0.74 | 585000 0 | 145000 0 |
| 34.6229127 60 | - 3.7864 21125 | 0.75 | -2.11 | -0.90 | 0.42 | 0.42 | 0.75 | 305000 0 | 140000 0 |
| 34.7022042 90 | - 3.2521 58887 | 1.07 | -2.05 | -1.01 | 0.40 | 0.40 | 0.70 | 310000 0 | 140000 0 |
| 34.7783859 90 | - 2.7169 50425 | 1.22 | -1.90 | -1.07 | 0.38 | 0.38 | 0.67 | 315000 0 | 140000 0 |
| 34.8514493 20 | - 2.1808 29108 | 0.96 | -1.43 | -1.05 | 0.41 | 0.41 | 0.74 | 320000 0 | 140000 0 |
| 34.9213860 20 | - 1.6438 28943 | 0.64 | -0.95 | -1.00 | 0.43 | 0.43 | 0.80 | 325000 0 | 140000 0 |
| 34.9881881 60 | - 1.1059 84559 | 0.41 | -0.61 | -0.93 | 0.44 | 0.44 | 0.84 | 330000 0 | 140000 0 |
| 35.6363337 50 | 11.956 986940 | 1.66 | -1.39 | -1.35 | 0.38 | 0.38 | 0.68 | 450000 0 | 140000 0 |
| 35.6231956 70 | 12.503 371700 | 2.64 | -2.22 | -1.59 | 0.25 | 0.25 | 0.42 | 455000 0 | 140000 0 |
| 35.6068405 10 | 13.049 565800 | 2.54 | -1.95 | -1.56 | 0.34 | 0.34 | 0.59 | 460000 0 | 140000 0 |
| 35.5644872 50 | 14.141 216940 | 2.85 | -1.59 | -1.54 | 0.36 | 0.36 | 0.65 | 470000 0 | 140000 0 |
| 35.5384942 80 | 14.686 591860 | 2.86 | -1.46 | -1.49 | 0.34 | 0.35 | 0.64 | 475000 0 | 140000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|--------|--------|-------|------------|------------|-------------|-------------|--------------|
| 34.6099381 10 | 23.871 813080 | -27.26 | -16.54 | -0.38 | 0.34 | 0.38 | 0.58 | 560000 0 | 140000 0 |
| 34.5270502 50 | 24.404 936760 | -27.74 | -16.55 | -0.70 | 0.37 | 0.41 | 0.61 | 565000 0 | 140000 0 |
| 34.4410719 80 | 24.937 044420 | -27.97 | -16.57 | -1.04 | 0.41 | 0.44 | 0.69 | 570000 0 | 140000 0 |
| 35.1812163 10 | 11.944 903940 | 1.42 | -1.20 | -1.30 | 0.40 | 0.40 | 0.71 | 450000 0 | 135000 0 |
| 35.1681728 90 | 12.487 920870 | 2.04 | -1.71 | -1.46 | 0.34 | 0.34 | 0.59 | 455000 0 | 135000 0 |
| 35.1519354 90 | 13.030 752530 | 2.05 | -1.59 | -1.46 | 0.37 | 0.37 | 0.65 | 460000 0 | 135000 0 |
| 30.3720085 70 | - 16.315 549310 | 0.17 | -1.09 | -0.90 | 0.44 | 0.44 | 0.84 | 180000 0 | 125000 0 |
| 30.5227670 90 | - 15.820 081490 | 0.16 | -1.01 | -0.92 | 0.44 | 0.44 | 0.85 | 185000 0 | 125000 0 |
| 29.9411747 20 | - 16.174 505730 | 0.20 | -1.39 | -0.94 | 0.44 | 0.44 | 0.83 | 180000 0 | 120000 0 |
| 30.0910252 30 | - 15.681 140970 | 0.19 | -1.26 | -0.97 | 0.44 | 0.44 | 0.84 | 185000 0 | 120000 0 |
| 28.7237179 90 | - 18.471 570010 | 0.16 | -2.70 | -0.80 | 0.37 | 0.38 | 0.65 | 155000 0 | 115000 0 |
| 28.8863300 00 | - 17.987 185320 | 0.56 | -3.49 | -0.96 | 0.25 | 0.26 | 0.43 | 160000 0 | 115000 0 |
| 29.0462342 80 | - 17.501 400920 | 0.56 | -3.02 | -0.77 | 0.35 | 0.36 | 0.62 | 165000 0 | 115000 0 |
| 28.2959321 60 | - 18.325 306230 | -0.05 | -3.35 | -0.75 | 0.34 | 0.35 | 0.59 | 155000 0 | 110000 0 |
| 28.4576112 60 | - 17.842 799250 | -0.21 | -4.23 | 0.17 | 0.15 | 0.22 | 0.31 | 160000 0 | 110000 0 |
| 28.6165927 80 | - 17.358 927430 | 0.49 | -3.72 | -0.49 | 0.31 | 0.33 | 0.55 | 165000 0 | 110000 0 |
| 28.7728653 70 | - 16.873 699470 | 0.38 | -3.36 | -0.88 | 0.34 | 0.35 | 0.59 | 170000 0 | 110000 0 |
| 28.9264176 70 | - 16.387 124760 | 0.31 | -3.12 | -1.01 | 0.36 | 0.36 | 0.63 | 175000 0 | 110000 0 |
| 29.0772384 00 | - 15.899 213420 | 0.29 | -2.65 | -1.10 | 0.40 | 0.40 | 0.71 | 180000 0 | 110000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|-------|-------|-------|------------|------------|-------------|-------------|--------------|
| 29.6529813 20 | - 13.934 429040 | 0.47 | -2.33 | -1.21 | 0.39 | 0.40 | 0.70 | 200000 0 | 110000 0 |
| 29.7899765 00 | - 13.440 011270 | 0.38 | -1.95 | -1.03 | 0.39 | 0.40 | 0.73 | 205000 0 | 110000 0 |
| 27.7038829 70 | - 18.660 668170 | 0.19 | -2.62 | -1.25 | 0.37 | 0.38 | 0.66 | 150000 0 | 105000 0 |
| 27.8673201 20 | - 18.181 355710 | 0.05 | -3.97 | -1.40 | 0.23 | 0.27 | 0.42 | 155000 0 | 105000 0 |
| 28.0280808 40 | - 17.700 704630 | -0.12 | -3.90 | -0.86 | 0.28 | 0.30 | 0.49 | 160000 0 | 105000 0 |
| 28.1861540 60 | - 17.218 722790 | 0.45 | -3.76 | -0.85 | 0.25 | 0.33 | 0.53 | 165000 0 | 105000 0 |
| 28.3415287 00 | - 16.735 418760 | 0.27 | -4.10 | -1.26 | 0.16 | 0.17 | 0.27 | 170000 0 | 105000 0 |
| 28.4941937 20 | - 16.250 801800 | 0.32 | -4.36 | -1.17 | 0.14 | 0.13 | 0.28 | 175000 0 | 105000 0 |
| 28.6441381 10 | - 15.764 881860 | 0.33 | -3.43 | -1.29 | 0.35 | 0.35 | 0.60 | 180000 0 | 105000 0 |
| 28.7913509 20 | - 15.277 669590 | 0.39 | -3.03 | -1.30 | 0.39 | 0.39 | 0.68 | 185000 0 | 105000 0 |
| 29.0775382 00 | - 14.299 414160 | 0.64 | -3.34 | -1.47 | 0.36 | 0.36 | 0.62 | 195000 0 | 105000 0 |
| 29.2164910 20 | - 13.808 395770 | 0.81 | -3.60 | -1.51 | 0.28 | 0.29 | 0.49 | 200000 0 | 105000 0 |
| 29.3526690 00 | - 13.316 134630 | 0.58 | -2.92 | -1.05 | 0.27 | 0.32 | 0.56 | 205000 0 | 105000 0 |
| 27.2753603 90 | - 18.517 189940 | 0.23 | -2.28 | -1.29 | 0.38 | 0.39 | 0.69 | 150000 0 | 100000 0 |
| 27.4378837 40 | - 18.039 678230 | 0.29 | -3.39 | -1.44 | 0.28 | 0.30 | 0.49 | 155000 0 | 100000 0 |
| 27.5977403 70 | - 17.560 861290 | 0.14 | -3.38 | -1.28 | 0.32 | 0.33 | 0.56 | 160000 0 | 100000 0 |
| 27.7549194 90 | - 17.080 746890 | 0.47 | -3.33 | -1.23 | 0.32 | 0.35 | 0.60 | 165000 0 | 100000 0 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|------|-------|-------|------------|------------|-------------|-------------|--------------|
| 27.9094103 00 | - 16.599 343460 | 0.62 | -3.79 | -1.49 | 0.26 | 0.26 | 0.43 | 170000 0 | 100000 0 |
| 28.0612020 60 | - 16.116 660130 | 0.36 | -4.06 | -1.55 | 0.28 | 0.28 | 0.47 | 175000 0 | 100000 0 |
| 28.2102840 40 | - 15.632 706670 | 0.39 | -3.88 | -1.59 | 0.24 | 0.25 | 0.42 | 180000 0 | 100000 0 |
| 28.3566455 70 | - 15.147 493550 | 0.51 | -3.59 | -1.41 | 0.32 | 0.33 | 0.56 | 185000 0 | 100000 0 |
| 28.5002760 20 | - 14.661 031930 | 0.64 | -3.78 | -1.32 | 0.35 | 0.35 | 0.59 | 190000 0 | 100000 0 |
| 28.6411648 20 | - 14.173 333630 | 0.69 | -4.15 | -1.36 | 0.27 | 0.27 | 0.45 | 195000 0 | 100000 0 |
| 28.7793014 70 | - 13.684 411150 | 0.95 | -4.11 | -1.60 | 0.22 | 0.23 | 0.37 | 200000 0 | 100000 0 |
| 28.9146755 40 | - 13.194 277660 | 0.74 | -3.01 | -1.12 | 0.31 | 0.33 | 0.57 | 205000 0 | 100000 0 |
| 27.6274433 40 | - 15.984 660950 | 0.47 | -3.33 | -1.40 | 0.31 | 0.33 | 0.55 | 175000 0 | 950000 |
| 27.7756765 90 | - 15.502 649200 | 0.67 | -3.97 | -1.54 | 0.20 | 0.24 | 0.40 | 180000 0 | 950000 |
| 27.9212004 10 | - 15.019 409690 | 0.69 | -3.74 | -1.42 | 0.32 | 0.32 | 0.55 | 185000 0 | 950000 |
| 28.0640044 50 | - 14.534 953370 | 0.88 | -4.20 | -1.19 | 0.26 | 0.26 | 0.44 | 190000 0 | 950000 |
| 28.2040784 30 | - 14.049 291830 | 0.62 | -4.27 | -1.27 | 0.17 | 0.18 | 0.30 | 195000 0 | 950000 |
| 28.3414121 00 | - 13.562 437360 | 0.57 | -3.37 | -1.25 | 0.32 | 0.32 | 0.55 | 200000 0 | 950000 |
| 27.1929178 86 | - 15.854 766500 | 0.39 | -2.37 | -1.24 | 0.39 | 0.40 | 0.70 | 175000 0 | 900000 |
| 27.3403158 65 | - 15.374 671836 | 0.49 | -2.72 | -1.27 | 0.37 | 0.38 | 0.66 | 180000 0 | 900000 |
| 27.4850153 24 | - 14.893 380558 | 0.58 | -2.90 | -1.24 | 0.38 | 0.38 | 0.67 | 185000 0 | 900000 |



| #Latitude | Longit ude | N | E | Up | Sigma N | Sigma E | Sigma UP | eastin g | northi ng |
|------------------|-----------------------|------|-------|-------|------------|------------|-------------|-------------|--------------|
| 27.6270061 86 | - 14.410 903406 | 0.65 | -3.12 | -1.13 | 0.36 | 0.36 | 0.62 | 190000 0 | 900000 |
| 27.7662784 32 | - 13.927 251759 | 0.56 | -3.03 | -1.11 | 0.36 | 0.36 | 0.62 | 195000 0 | 900000 |
| 27.9028221 06 | - 13.442 437639 | 0.43 | -2.46 | -1.09 | 0.39 | 0.39 | 0.70 | 200000 0 | 900000 |