

Coordenadas

| UF | G | r | x | y | cx | cy | 270 | | 126 | | 342 | | 198 | | 54 | |
|----|---|------|-------|-------|---------|--------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| | | | | | | | x | y | x | y | x | y | x | y | x | y |
| PA | 1 | 15 | 2,97 | -3,03 | 1103,95 | 593,95 | 1103.95000 | 578.95000 | 1095.13322 | 606.08525 | 1118.21585 | 589.31475 | 1089.68415 | 589.31475 | 1112.76678 | 606.08525 |
| AM | 1 | 15 | -8,15 | -1,80 | 714,75 | 637 | 714.75000 | 622.00000 | 705.93322 | 649.13525 | 729.01585 | 632.36475 | 700.48415 | 632.36475 | 723.56678 | 649.13525 |
| MS | 2 | 12,5 | -3,70 | 0,30 | 870,5 | 710,5 | 870.50000 | 698.00000 | 863.15268 | 720.61271 | 882.38821 | 706.63729 | 858.61179 | 706.63729 | 877.84732 | 720.61271 |
| AC | 3 | 10 | 2,62 | -0,56 | 1091,7 | 680,4 | 1091.70000 | 670.40000 | 1085.82215 | 688.49017 | 1101.21057 | 677.30983 | 1082.18943 | 677.30983 | 1097.57785 | 688.49017 |
| MT | 1 | 15 | -7,34 | 2,40 | 743,1 | 784 | 743.10000 | 769.00000 | 734.28322 | 796.13525 | 757.36585 | 779.36475 | 728.83415 | 779.36475 | 751.91678 | 796.13525 |
| AP | 2 | 12,5 | -8,46 | 3,27 | 703,9 | 814,45 | 703.90000 | 801.95000 | 696.55268 | 824.56271 | 715.78821 | 810.58729 | 692.01179 | 810.58729 | 711.24732 | 824.56271 |
| RO | 4 | 7 | -6,37 | 1,75 | 777,05 | 761,25 | 777.05000 | 754.25000 | 772.93550 | 766.91312 | 783.70740 | 759.08688 | 770.39260 | 759.08688 | 781.16450 | 766.91312 |
| RR | 2 | 12,5 | -5,21 | 3,34 | 817,65 | 816,9 | 817.65000 | 804.40000 | 810.30268 | 827.01271 | 829.53821 | 813.03729 | 805.76179 | 813.03729 | 824.99732 | 827.01271 |
| TO | 3 | 10 | -5,48 | 4,38 | 808,2 | 853,3 | 808.20000 | 843.30000 | 802.32215 | 861.39017 | 817.71057 | 850.20983 | 798.68943 | 850.20983 | 814.07785 | 861.39017 |
| GO | 1 | 15 | -4,00 | 5,40 | 860 | 889 | 860.00000 | 874.00000 | 851.18322 | 901.13525 | 874.26585 | 884.36475 | 845.73415 | 884.36475 | 868.81678 | 901.13525 |
| BA | 2 | 12,5 | -0,02 | 1,55 | 999,3 | 754,25 | 999.30000 | 741.75000 | 991.95268 | 764.36271 | 1011.18821 | 750.38729 | 987.41179 | 750.38729 | 1006.64732 | 764.36271 |
| MG | 3 | 10 | -0,98 | 2,59 | 965,7 | 790,65 | 965.70000 | 780.65000 | 959.82215 | 798.74017 | 975.21057 | 787.55983 | 956.18943 | 787.55983 | 971.57785 | 798.74017 |
| ES | 4 | 7 | -0,43 | 3,16 | 984,95 | 810,6 | 984.95000 | 803.60000 | 980.83550 | 816.26312 | 991.60740 | 808.43688 | 978.29260 | 808.43688 | 989.06450 | 816.26312 |
| SP | 1 | 15 | 0,00 | 4,53 | 1000 | 858,55 | 1000.00000 | 843.55000 | 991.18322 | 870.68525 | 1014.26585 | 853.91475 | 985.73415 | 853.91475 | 1008.81678 | 870.68525 |
| RJ | 2 | 12,5 | 1,11 | 2,47 | 1038,85 | 786,45 | 1038.85000 | 773.95000 | 1031.50268 | 796.56271 | 1050.73821 | 782.58729 | 1026.96179 | 782.58729 | 1046.19732 | 796.56271 |
| PI | 1 | 15 | 7,00 | 3,43 | 1245 | 820,05 | 1245.00000 | 805.05000 | 1236.18322 | 832.18525 | 1259.26585 | 815.41475 | 1230.73415 | 815.41475 | 1253.81678 | 832.18525 |
| MA | 3 | 10 | 8,41 | 3,51 | 1294,35 | 822,85 | 1294.35000 | 812.85000 | 1288.47215 | 830.94017 | 1303.86057 | 819.75983 | 1284.83943 | 819.75983 | 1300.22785 | 830.94017 |
| CE | 2 | 12,5 | 7,38 | 4,43 | 1258,3 | 855,05 | 1258.30000 | 842.55000 | 1250.95268 | 865.16271 | 1270.18821 | 851.18729 | 1246.41179 | 851.18729 | 1265.64732 | 865.16271 |
| RN | 2 | 12,5 | 6,79 | 5,18 | 1237,65 | 881,3 | 1237.65000 | 868.80000 | 1230.30268 | 891.41271 | 1249.53821 | 877.43729 | 1225.76179 | 877.43729 | 1244.99732 | 891.41271 |
| PB | 3 | 10 | 5,97 | 5,67 | 1208,95 | 898,45 | 1208.95000 | 888.45000 | 1203.07215 | 906.54017 | 1218.46057 | 895.35983 | 1199.43943 | 895.35983 | 1214.82785 | 906.54017 |
| PE | 3 | 10 | 5,00 | 5,61 | 1175 | 896,35 | 1175.00000 | 886.35000 | 1169.12215 | 904.44017 | 1184.51057 | 893.25983 | 1165.48943 | 893.25983 | 1180.87785 | 904.44017 |
| AL | 2 | 12,5 | 5,00 | 6,57 | 1175 | 929,95 | 1175.00000 | 917.45000 | 1167.65268 | 940.06271 | 1186.88821 | 926.08729 | 1163.11179 | 926.08729 | 1182.34732 | 940.06271 |
| SE | 3 | 10 | 5,01 | 7,49 | 1175,35 | 962,15 | 1175.35000 | 952.15000 | 1169.47215 | 970.24017 | 1184.86057 | 959.05983 | 1165.83943 | 959.05983 | 1181.22785 | 970.24017 |
| SC | 3 | 10 | 3,84 | 5,79 | 1134,4 | 902,65 | 1134.40000 | 892.65000 | 1128.52215 | 910.74017 | 1143.91057 | 899.55983 | 1124.88943 | 899.55983 | 1140.27785 | 910.74017 |
| RS | 2 | 12,5 | 2,97 | 6,77 | 1103,95 | 936,95 | 1103.95000 | 924.45000 | 1096.60268 | 947.06271 | 1115.83821 | 933.08729 | 1092.06179 | 933.08729 | 1111.29732 | 947.06271 |
| PR | 3 | 10 | 2,17 | 5,55 | 1075,95 | 894,25 | 1075.95000 | 884.25000 | 1070.07215 | 902.34017 | 1085.46057 | 891.15983 | 1066.43943 | 891.15983 | 1081.82785 | 902.34017 |
| DF | 5 | 5 | 0,02 | 7,75 | 1000,7 | 971,25 | 1000.70000 | 966.25000 | 997.76107 | 975.29508 | 1005.45528 | 969.70492 | 995.94472 | 969.70492 | 1003.63893 | 975.29508 |

Coordenadas

