

region.area	76717
region.bbox	(710, 250, 960, 897)
region.bbox_area	1997568
region.centroid	(837.22377048111889, 570.64934760222638)
region.convex_area	126827
region.convex_image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
region.coords	[[710 467][710 468][710 469]..., [959 674] [959 675][959 676]]
region.eccentricity	0.9338382909462352
equivalent_diameter	312.5365869037535
euler_number	-11
extent	0.47429366306
filled_area	78429
filled_image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
inertia_tensor	[[25959.03825879 379.66039275][379.66039275 3328.53859682]]
inertia_tensor_eigvals	(25965.405836615886, 3322.1710189957648)
label	7
major_axis_length	644.5513892513569
minor_axis_length	230.55310950826978
moments	[[7.67170000e+04 9.76022600e+06 1.49708825e+09 2.54218152e+11] [2.45992560e+07 3.10048369e+09 4.69460271e+11 7.89767917e+13] [9.87923493e+09 1.24223453e+12 1.87192069e+14 3.14020227e+16] [4.47543343e+12 5.52112580e+14 8.19791695e+16 1.36122795e+19]]
moments_central	[[7.67170000e+04 3.27917965e-06 2.55355496e+08 -1.22163771e+09] [-4.55515078e-07 -2.91264064e+07 -3.16895610e+09 8.57170501e+10] [1.99149954e+09 4.03973795e+09 6.79035199e+12 3.20604878e+12] [3.05171385e+10 -1.21709708e+13 -3.86937969e+13 -7.27146885e+16]]
moments_hu	[3.81761237e-01 8.71151558e-02 6.69788072e-04 2.84436972e-04 1.24138665e-07 8.15678961e-05 1.69971041e-09]
moments_normalized	[[nan nan 4.33872362e-02 -7.49399505e-04] [nan -4.94884306e-03 -1.94395942e-03 1.89842036e-04] [3.38374001e-01 2.47813046e-03 1.50389478e-02 2.56359541e-05] [1.87203852e-02 -2.69556858e-02 -3.09400284e-04 -2.09920911e-03]]
orientation:	0.016770200408417892
perimeter	3169.15172928
solidity	0.604894856773

region.area	73337
region.bbox	(344, 134, 672, 750)
region.bbox_area	1997568
region.centroid	(498.48492575371233, 367.38006736026836)
region.convex_area	124310
region.convex_image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
region.coords	[[[344 321] [345 318] [345 319] ..., [670 447] [670 448] [671 445]]]
region.eccentricity	0.8953950326759386
equivalent_diameter	305.57416201675596
euler_number	8
extent	0.362968205575
filled_area	81189
filled_image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
image	[[False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False] ..., [False False False ..., False False False] [False False False ..., False False False] [False False False ..., False False False]]
inertia_tensor	[[20644.99231469 204.2195936] [204.2195936 4096.25525431]]
inertia_tensor_eigvals	(20647.512101725271, 4093.7354672766305)
label	4
major_axis_length	574.7696874641218
minor_axis_length	255.9292235685993
moments	[[[7.33370000e+04 1.13294610e+07 2.05063801e+09 4.13488143e+11] [1.71153940e+07 2.62909352e+09 4.61012535e+11 8.96137785e+13] [5.50843361e+09 8.48610622e+11 1.43936961e+14 2.66242414e+16] [2.09506614e+12 3.23226026e+14 5.33376098e+16 9.41953583e+18]]
moments_central	minor_axis_length : --moments: --moments_central : [[7.33370000e+04 2.72053518e-06 3.00407072e+08 3.87875400e+09] [7.77615128e-08 -1.49768523e+07 -1.29381064e+10 1.82409293e+11] [1.51404180e+09 4.63126333e+09 2.88083749e+12 6.84499343e+13] [1.02813182e+11 -1.22544556e+12 -2.50988629e+14 -9.37214651e+15]]
moments_hu	[3.37363780e-01 5.09504356e-02 9.50267207e-03 3.84183952e-03 2.26902944e-05 8.47500911e-04 -4.89846643e-06]
moments_normalized	[[nan nan 0.05585523 0.00266308] [nan -0.00278467 -0.00888307 0.00046246] [0.28150855 0.00317974 0.00730381 0.00064083] [0.07058964 -0.00310688 -0.00234976 -0.000324]]
orientation:	0.012337989366236464
perimeter	2872.07856942
solidity	0.58995253801

```
--region.area: 83914
--region.bbox: (38, 481, 322, 1137)
--region.bbox_area: 1997568
--region.centroid: (194.07425459398908, 759.78314703148465)
--region.convex_area: 133202
--region.convex_image [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
--region.coords: [[ 38 751]
[ 38 752]
[ 38 753]
...,
[ 321 1022]
[ 321 1070]
[ 321 1085]]
--region.eccentricity: 0.9211078058847478
--equivalent_diameter: 326.86789863323446
--euler_number: -6
--extent : 0.450414376503
--filled_area: 84057
--filled_image: [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
--image: [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
--inertia_tensor: [[ 28627.08104639 -6167.23085791]
[ -6167.23085791 6160.01134876]]
--inertia_tensor_eigvals: (30208.656093875532, 4578.4363012694484)
--label: 1
--major_axis_length: 695.22550118793
--minor_axis_length : 270.6565735767583
--moments: [[ 8.39140000e+04 1.30968150e+07 2.56098683e+09 5.54090888e+11]
[ 2.33938090e+07 4.16868831e+09 8.88107977e+11 2.02709466e+14]
[ 8.92401257e+09 1.75448496e+12 3.91158095e+14 9.14371473e+16]
[ 3.91594494e+12 8.22253777e+14 1.88391843e+17 4.46633604e+19]]
--moments_central : [[ 8.39140000e+04 5.50480323e-06 5.16911192e+08 -6.96628031e+09]
[ 2.97207760e-06 5.17517010e+08 1.26058453e+10 4.51706125e+12]
[ 2.40221288e+09 7.31263050e+10 1.36768428e+13 5.96622973e+14]
[ 8.86876966e+10 2.92521129e+13 1.53799699e+15 2.53236658e+17]]
--moments_hu: [ 4.14556479e-01 9.32901549e-02 1.29351341e-02 3.51799887e-03
2.19852413e-05 8.52079666e-04 -8.93550044e-06]
--moments_normalized: [[ nan nan 0.07340862 -0.00341519]
[ nan 0.07349466 0.00617996 0.00764456]
[ 0.34114785 0.03584987 0.02314635 0.00348562]
[ 0.04347878 0.04950556 0.00898535 0.00510727]]
--orientation: -0.25103825796552054
--perimeter: 2934.61662865
--solidity : 0.629975525893
```

```
--region.area: 73337
--region.bbox: (344, 134, 672, 750)
--region.bbox_area: 1997568
--region.centroid: (498.48492575371233, 367.38006736026836)
--region.convex_area: 124310
--region.convex_image [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
```

```

[False False False ..., False False False]]
--region.coords: [[344 321]
[345 318]
[345 319]
...,
[670 447]
[670 448]
[671 445]]
--region.eccentricity: 0.8953950326759386
--equivalent_diameter: 305.57416201675596
--euler_number: -8
--extent : 0.362968205575
--filled_area: 81189
--filled_image: [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
--image: [[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]
...,
[False False False ..., False False False]
[False False False ..., False False False]
[False False False ..., False False False]]
--inertia_tensor: [[ 20644.99231469    204.2195936 ]
[   204.2195936   4096.25525431]]
--inertia_tensor_eigvals: (20647.512101725271, 4093.7354672766305)
--label: 4
--major_axis_length: 574.7696874641218
--minor_axis_length : 255.9292235685993
--moments: [[ 7.33370000e+04  1.13294610e+07  2.05063801e+09  4.13488143e+11]
[ 1.71153940e+07  2.62909352e+09  4.61012535e+11  8.96137785e+13]
[ 5.50843361e+09  8.48610622e+11  1.43936961e+14  2.66242414e+16]
[ 2.09506614e+12  3.23226026e+14  5.33376098e+16  9.41953583e+18]]
--moments_central : [[ 7.33370000e+04  2.72053518e-06  3.00407072e+08  3.87875400e+09]
[ 7.77615128e-08 -1.49768523e+07 -1.29381064e+10  1.82409293e+11]
[ 1.51404180e+09  4.63126333e+09  2.88083749e+12  6.84499343e+13]
[ 1.02813182e+11 -1.22544556e+12 -2.50988629e+14 -9.37214651e+15]]
--moments_hu: [ 3.37363780e-01  5.09504356e-02  9.50267207e-03  3.84183952e-03
2.26902944e-05  8.47500911e-04 -4.89846643e-06]
--moments_normalized: [[ nan nan nan 0.05585523  0.00266308]
[ nan -0.00278467 -0.00888307  0.00046246]
[ 0.28150855  0.00317974  0.00730381  0.00064083]
[ 0.07058964 -0.00310688 -0.00234976 -0.000324 ]]
--orientation: 0.012337989366236464
--perimeter: 2872.07856942
--solidity : 0.58995253801

```

