



Alerta de desmatamento abril/01julho 2021 Labgama/Ufac

Sonaira Silva



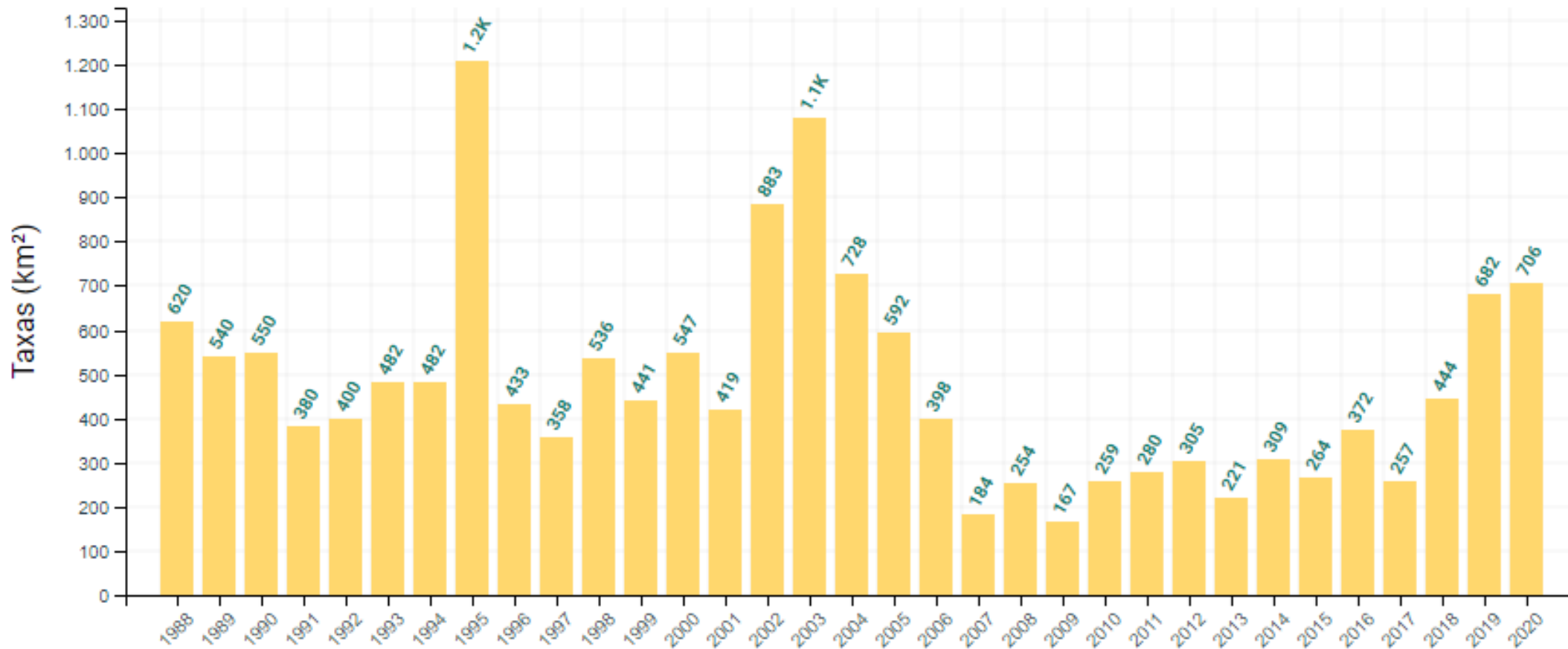
02/07/2021

Desmatamento anual PRODES/INPE

Estado do Acre

2020

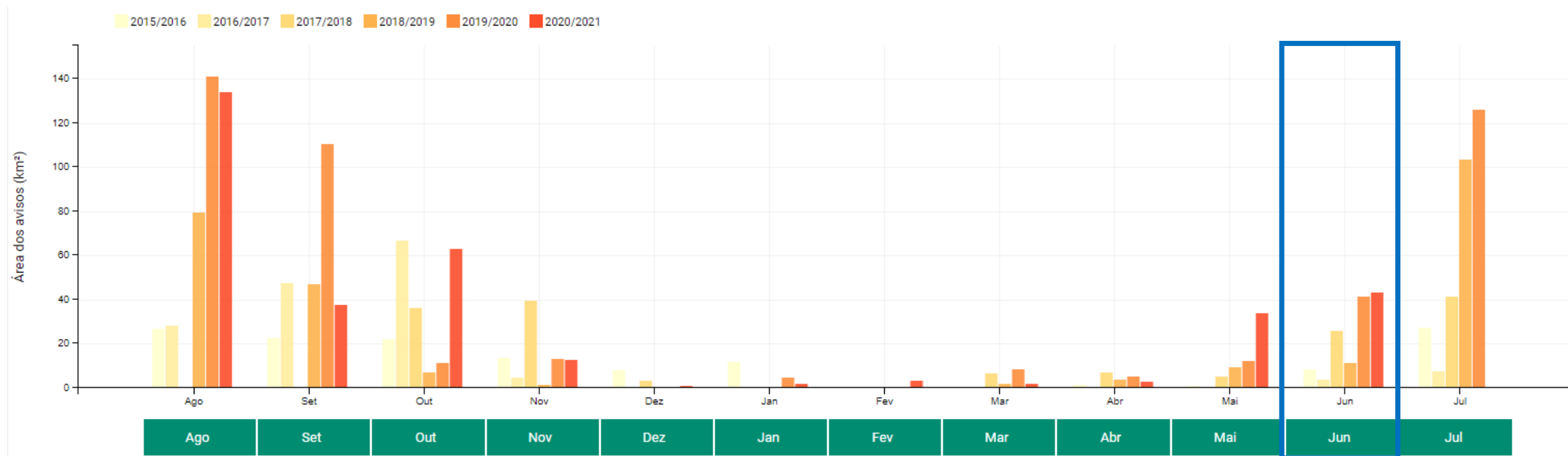
Ano mais crítico em 15 anos



Fonte: <http://terrabrasilis.dpi.inpe.br/app/dashboard/deforestation/biomes/amazon/increments>

Alertas de Desmatamento DETER/INPE – Estado do Acre

Os alertas de junho/2021 é maior entre os anos de 2015-2021



O mapeamento utiliza imagens do satélite Landsat ou similares, para registrar e quantificar as áreas de avisos (desmatamento com solo exposto, desmatamento com vegetação, mineração), degradação (degradação, cicatriz de incêndio florestal) e exploração madeireira (Corte Seletivo Tipo 1 (Desordenado), Corte Seletivo Tipo 2 (Geométrico)). Os dados remetem ao projeto DETER.

<http://terrabilis.dpi.inpe.br/geonetwork/srv/eng/catalog.search#/metadata/f2153c4a-915b-48a6-8658-963bdce7366c>

Fonte: <http://terrabilis.dpi.inpe.br/app/dashboard/alerts/legal/amazon/aggregated/>

Alertas de Desmatamento LabGAMA/Ufac – Estado do Acre

Método

O mapeamento dos alertas de desmatamento utiliza imagens do satélite Sentinel2, Landsat e Cbers Mux, com polígonos desenhados por interpretação visual comparando imagens desde outubro/2020 até o presente.

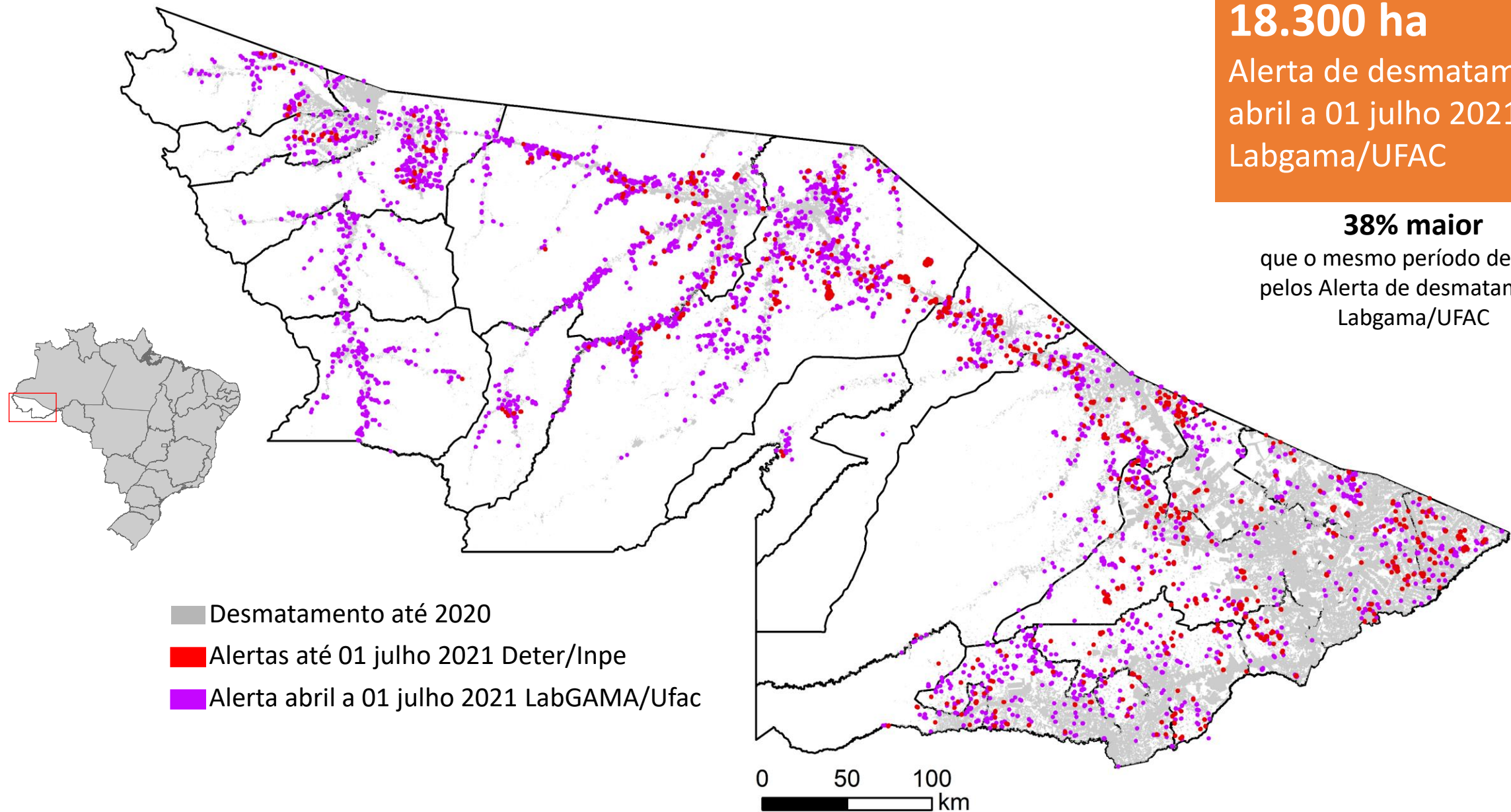
O objetivo é complementar os dados dos alertas e indicar onde pode haver um desmatamento (florestas derrubadas sem ser queimada).

Antes e Depois

Fonte: LabGAMA/Ufac



Alertas de Desmatamento Labgama/Ufac



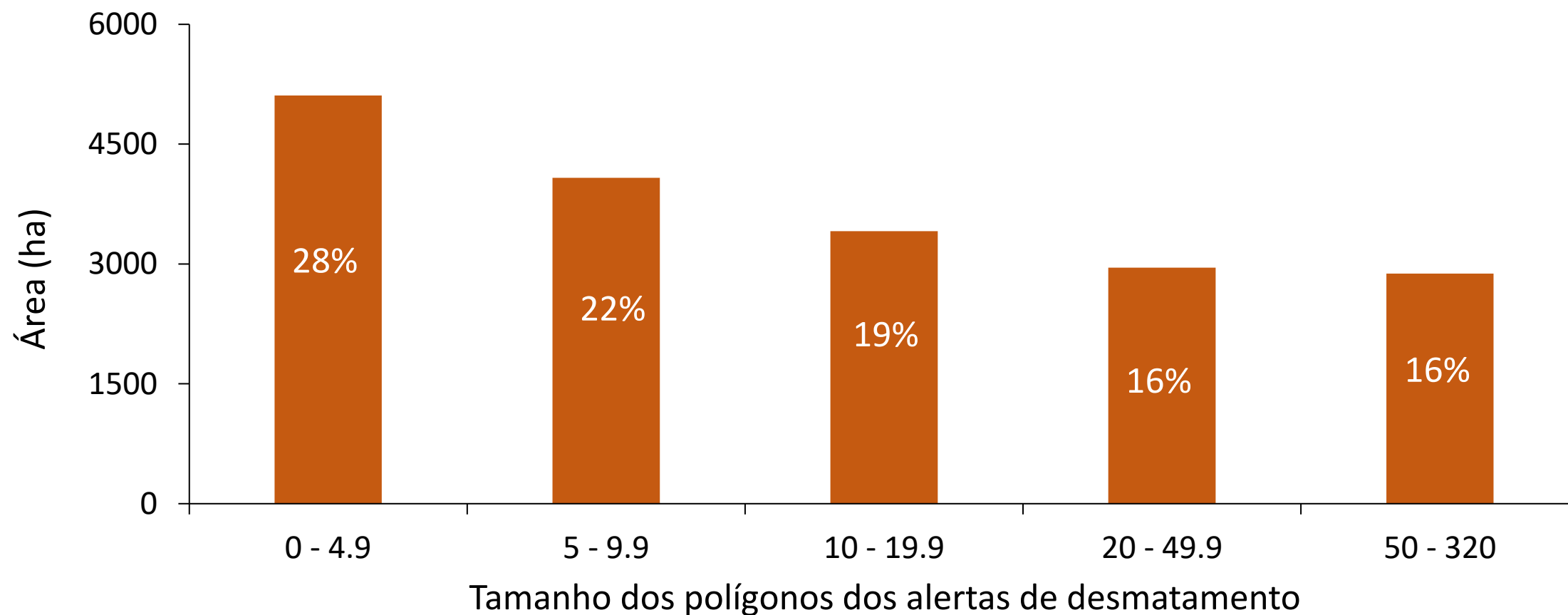
18.300 ha

Alerta de desmatamento
abril a 01 julho 2021
Labgama/Ufac

38% maior

que o mesmo período de 2020
pelos Alerta de desmatamento
Labgama/Ufac

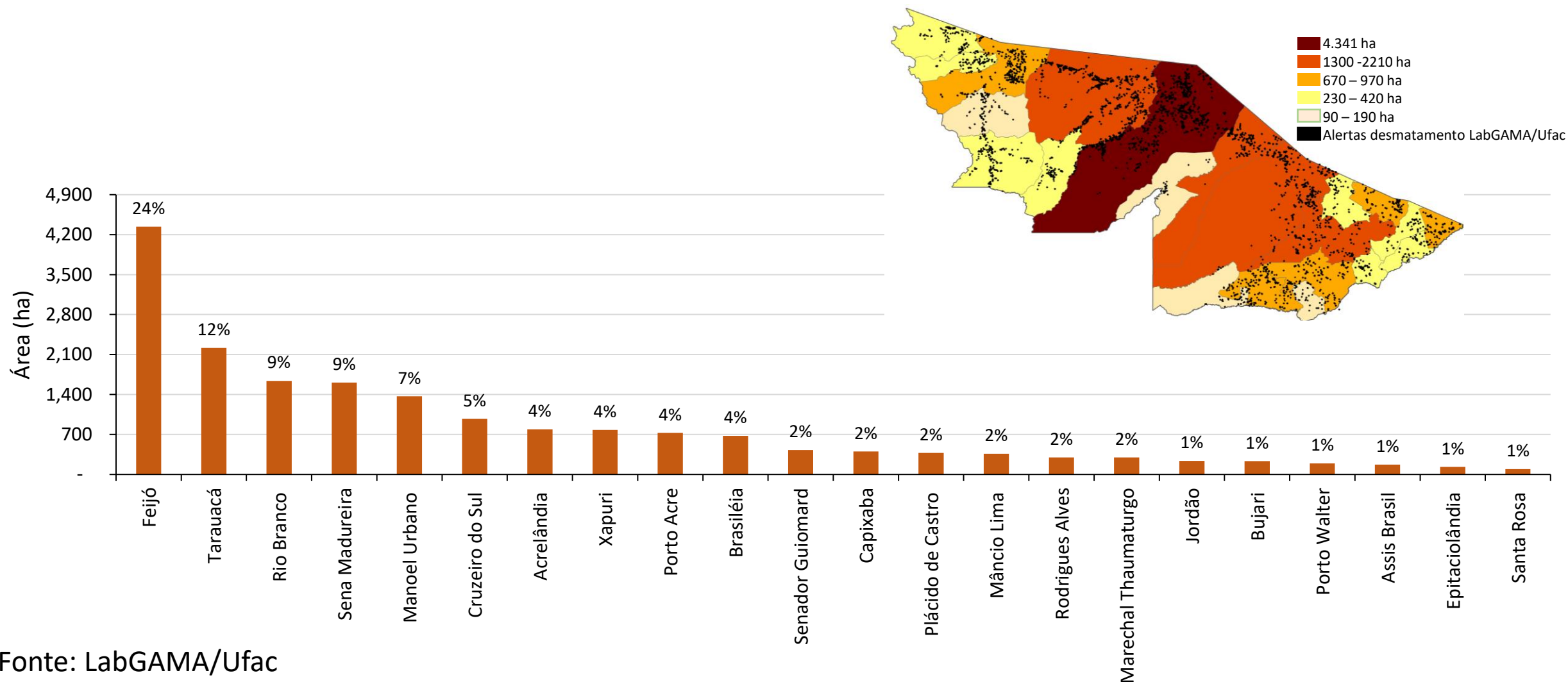
Alerta de desmatamento por tamanho dos polígonos abril a 01/julho/2021



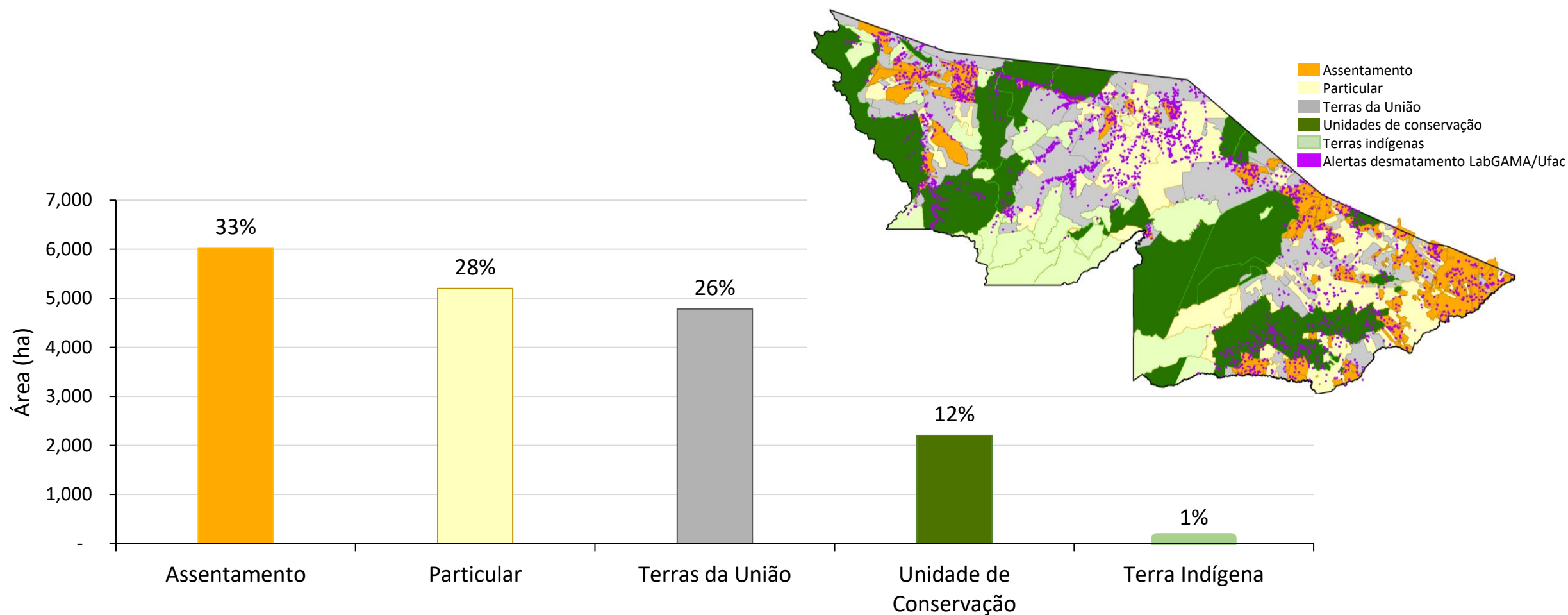
Fonte: LabGAMA/Ufac

Os percentuais indicam a contribuição de cada classe de tamanho dos polígonos para o total de área dos alertas de desmatamento no Acre

Alerta de desmatamento por município abril a 01/julho/2021



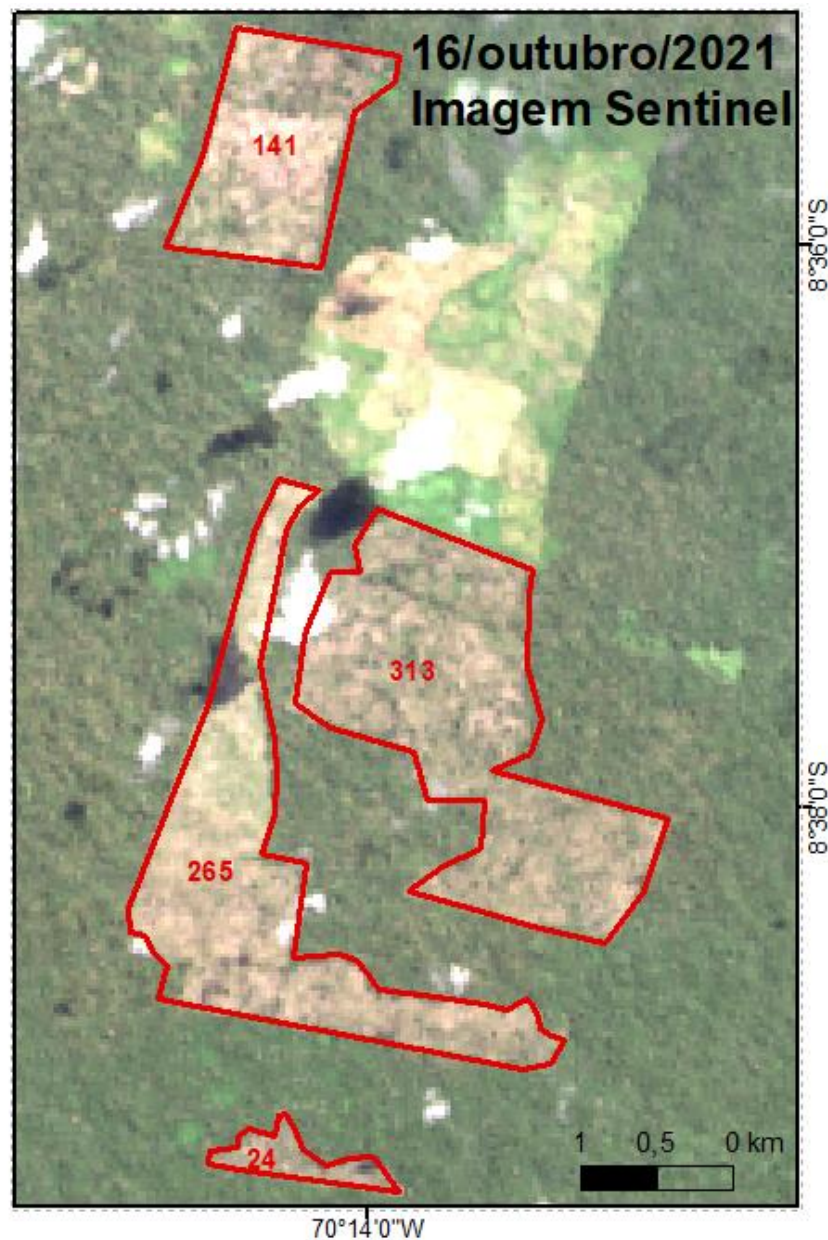
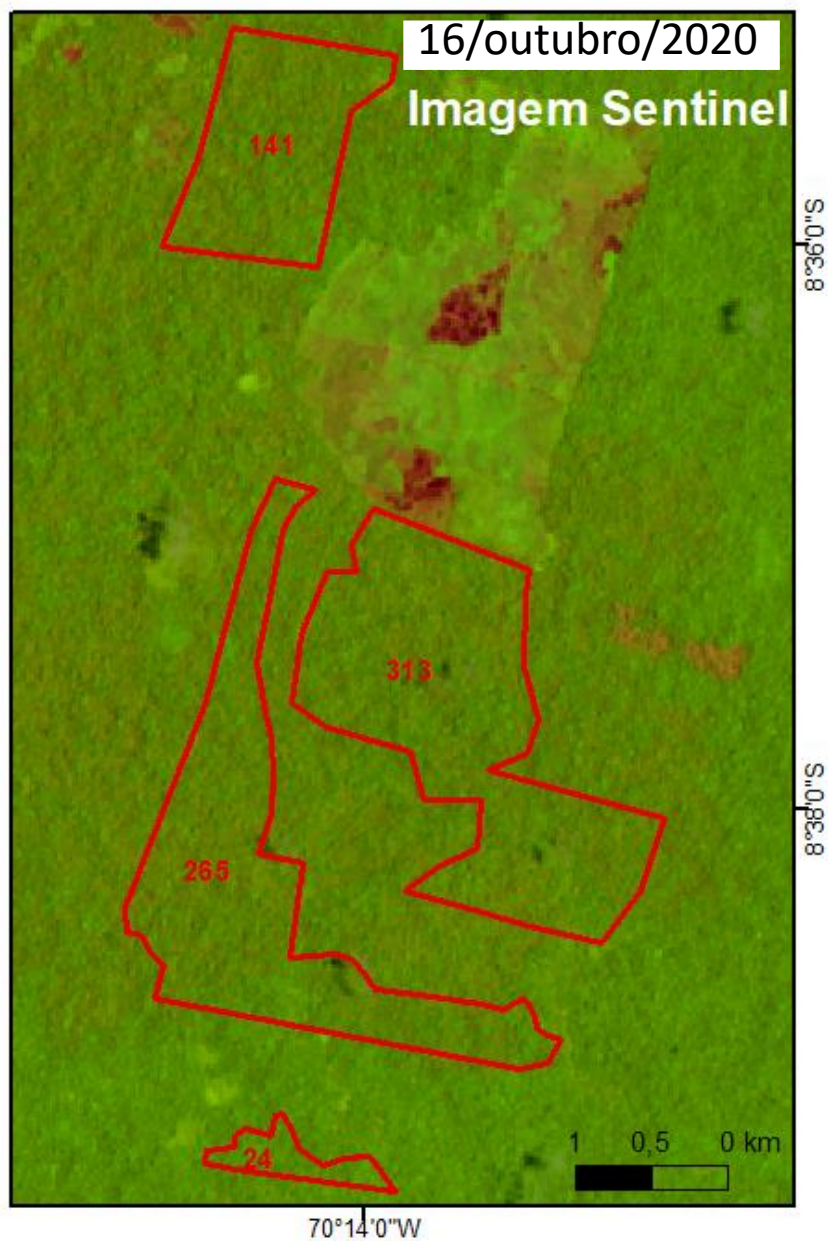
Alerta de desmatamento por situação fundiária abril a 01/julho/2021



Fonte: Desmatamento - LabGAMA/Ufac. Situação fundiária - ZEE/2010 e MMA, 2020

Os percentuais indicam a contribuição de categoria para o total de área dos alertas de desmatamento no Acre

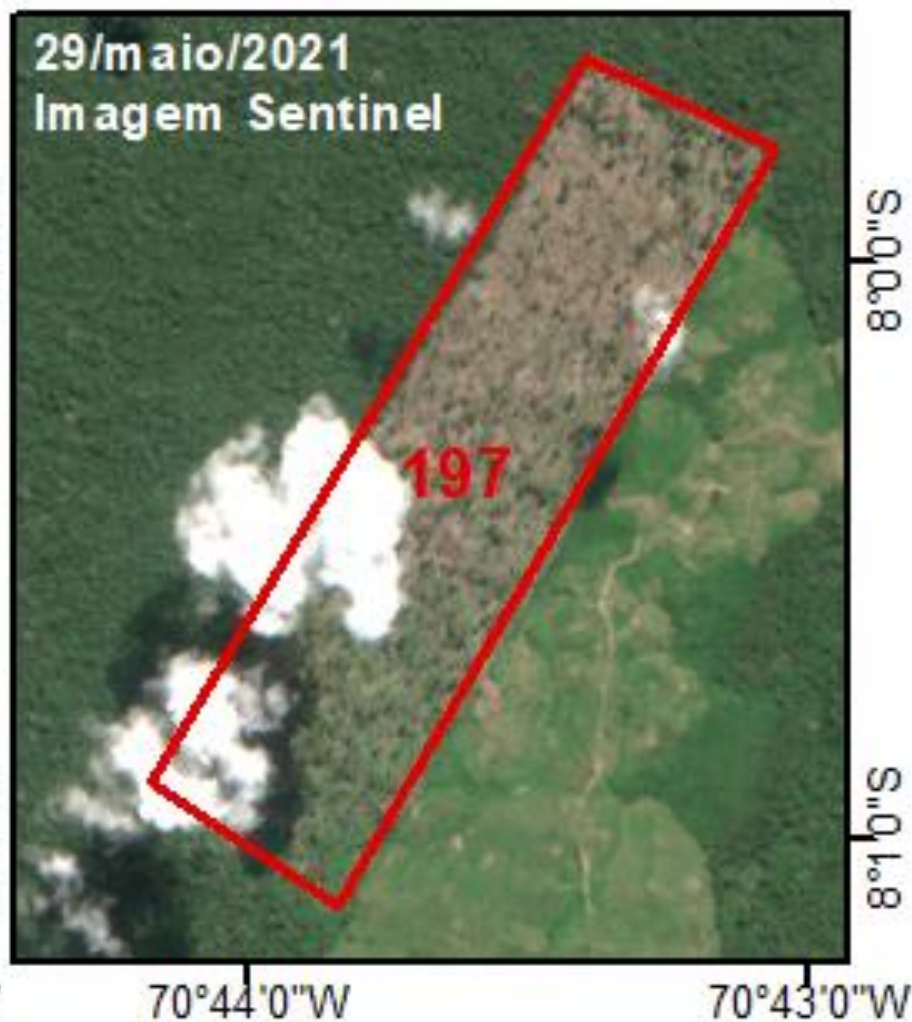
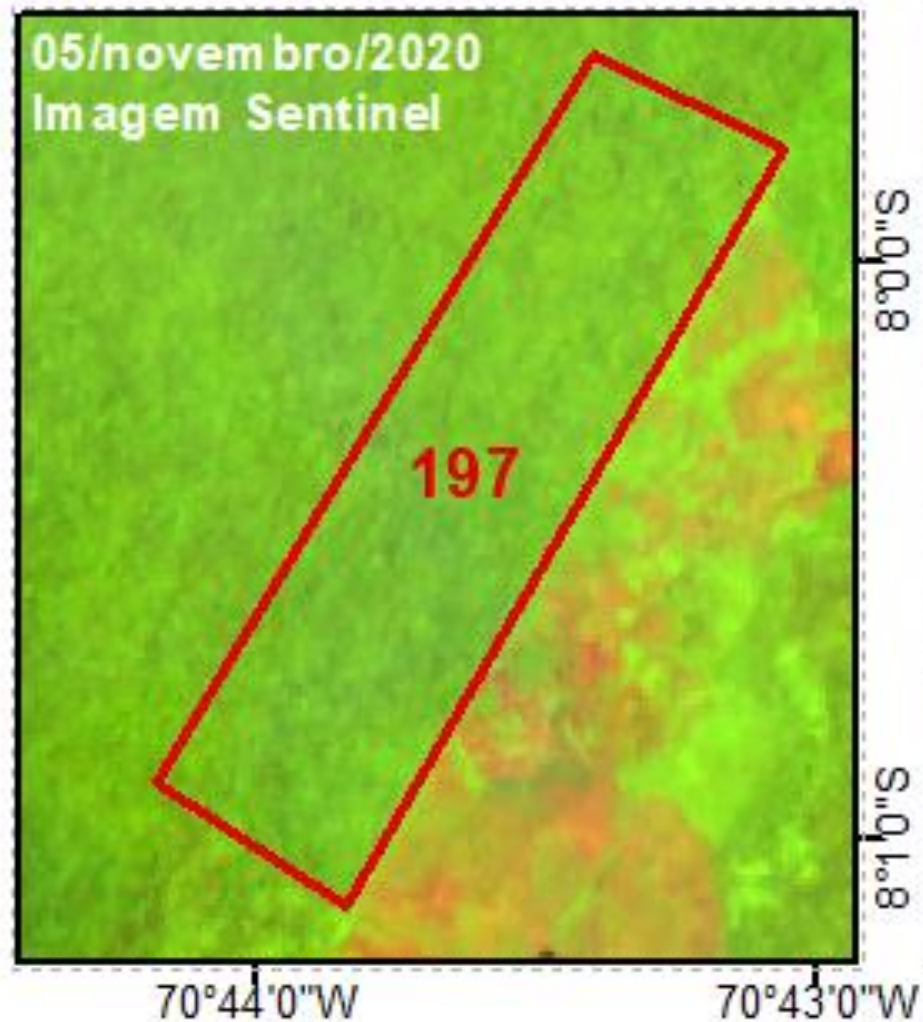
Imagens satélites dos maiores polígonos nos alertas de desmatamento



Município de Feijó
Acre

Propriedade particular
(Fundiário ZEE 2010)

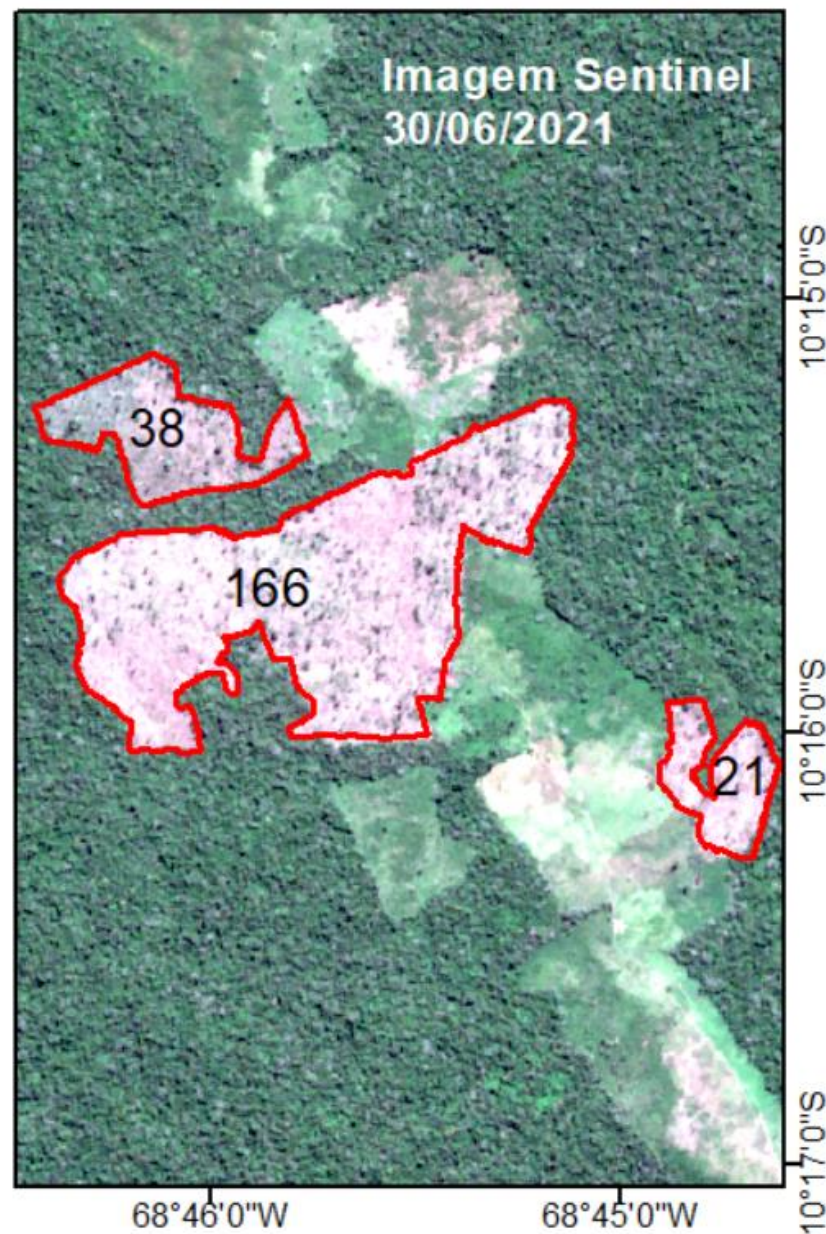
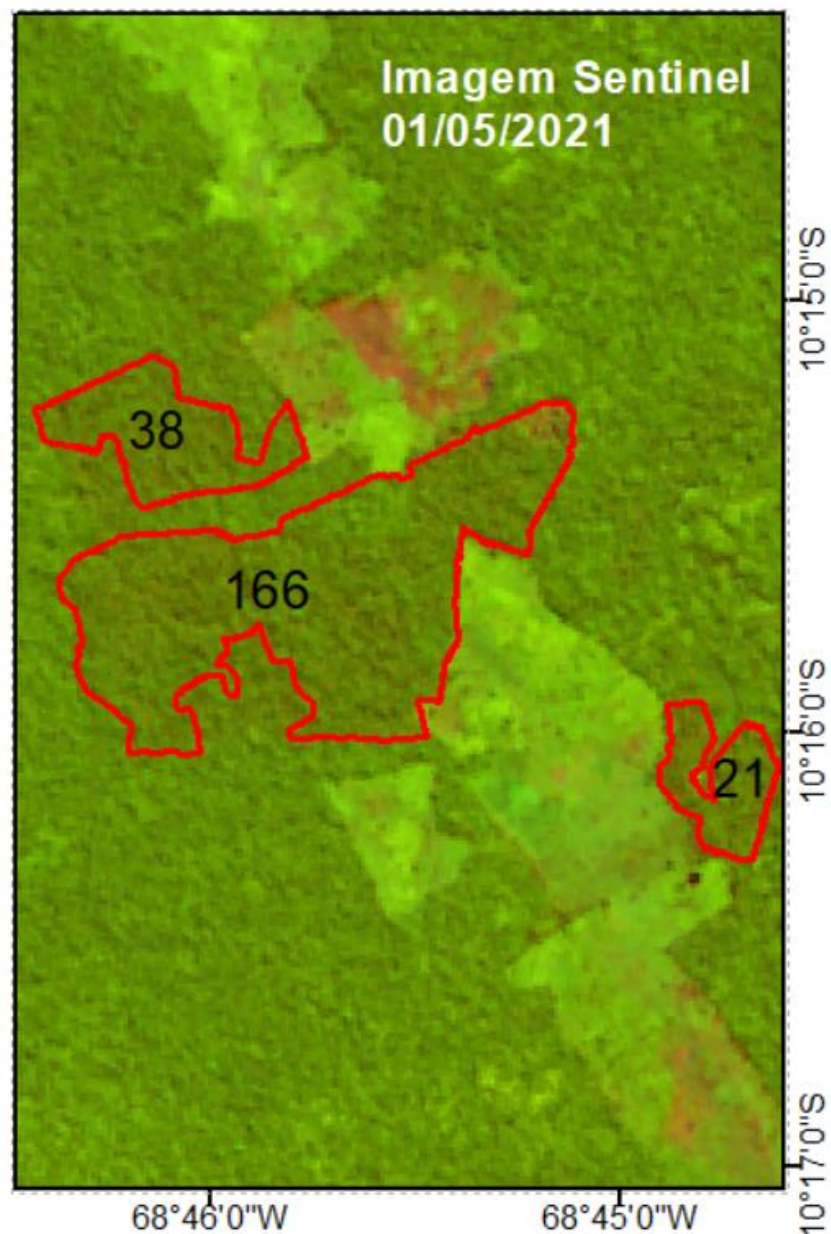
Imagens satélites dos maiores polígonos nos alertas de desmatamento



Município de Tarauacá
Acre

Terra de domínio da
união
(Fundiário ZEE 2010)

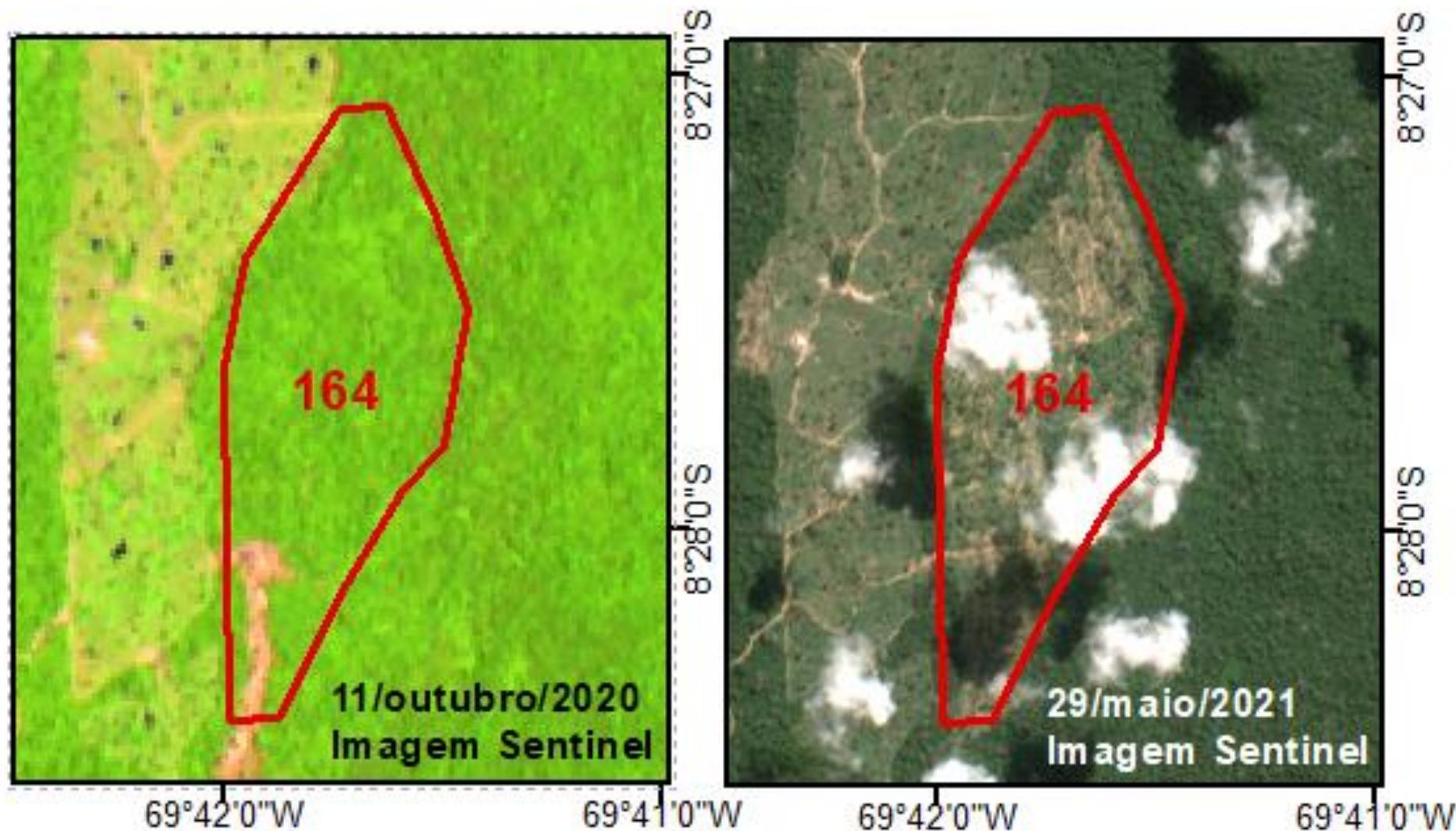
Imagens satélites dos maiores polígonos nos alertas de desmatamento



Município de
Rio Branco
Acre

Particular
(Fundiário ZEE 2010)

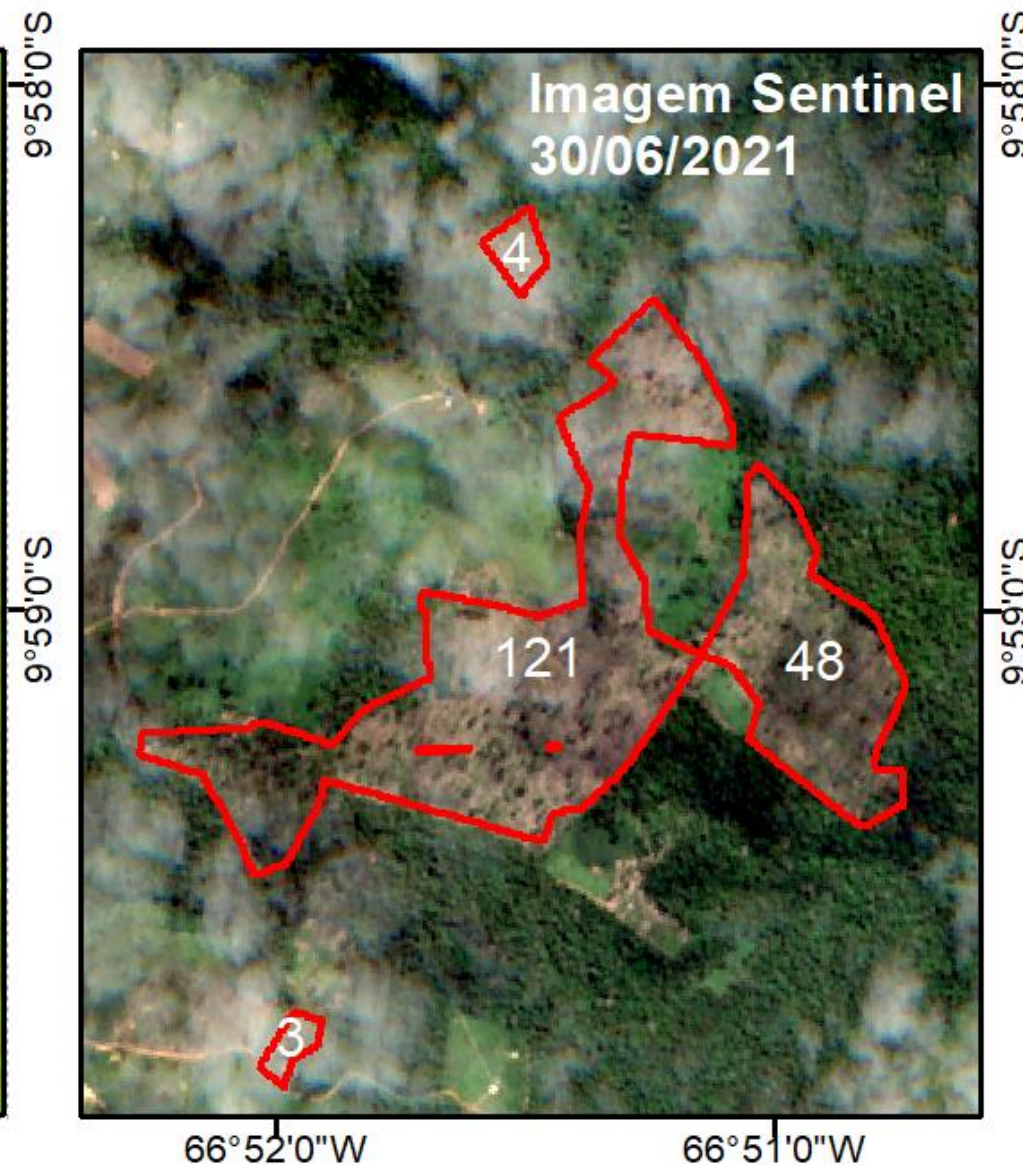
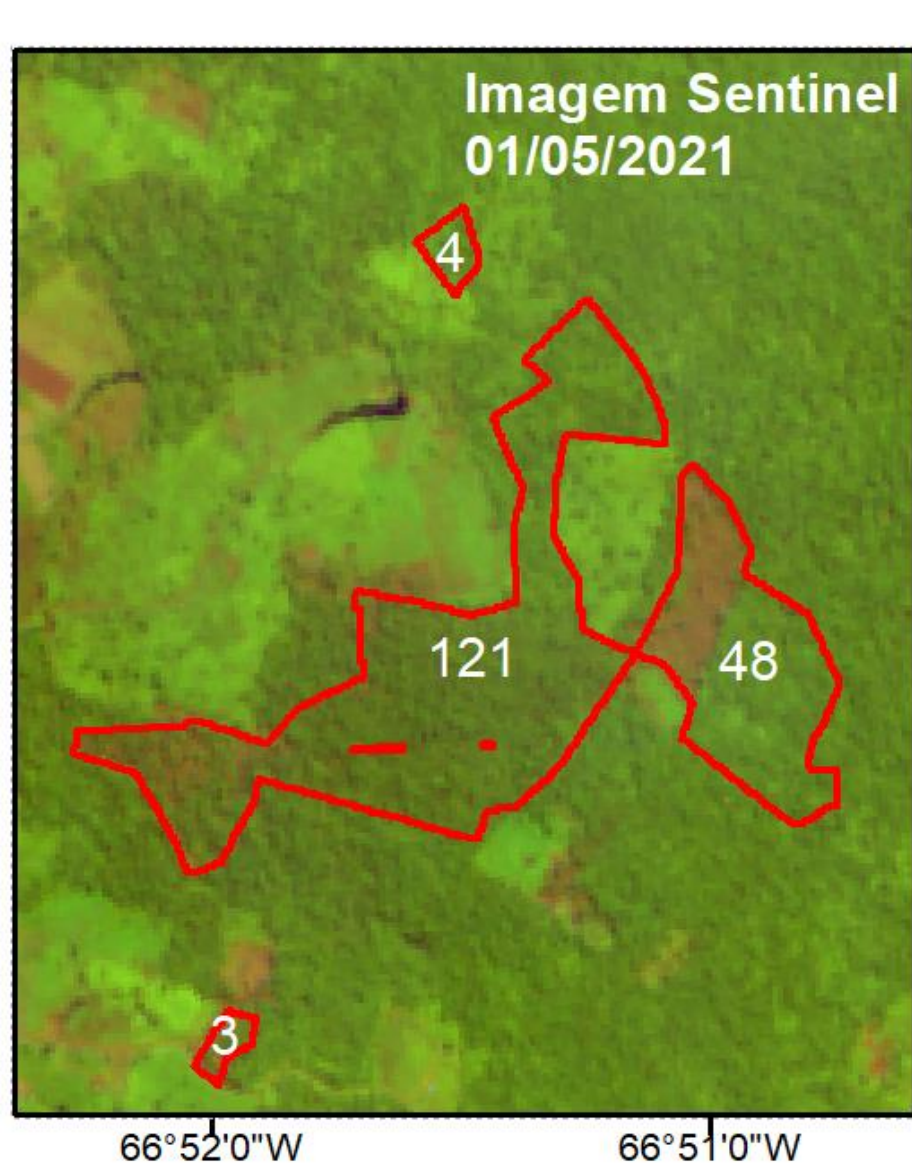
Imagens satélites dos maiores polígonos nos alertas de desmatamento



Município de Feijó
Acre

Propriedade
particular
(Fundiário ZEE 2010)

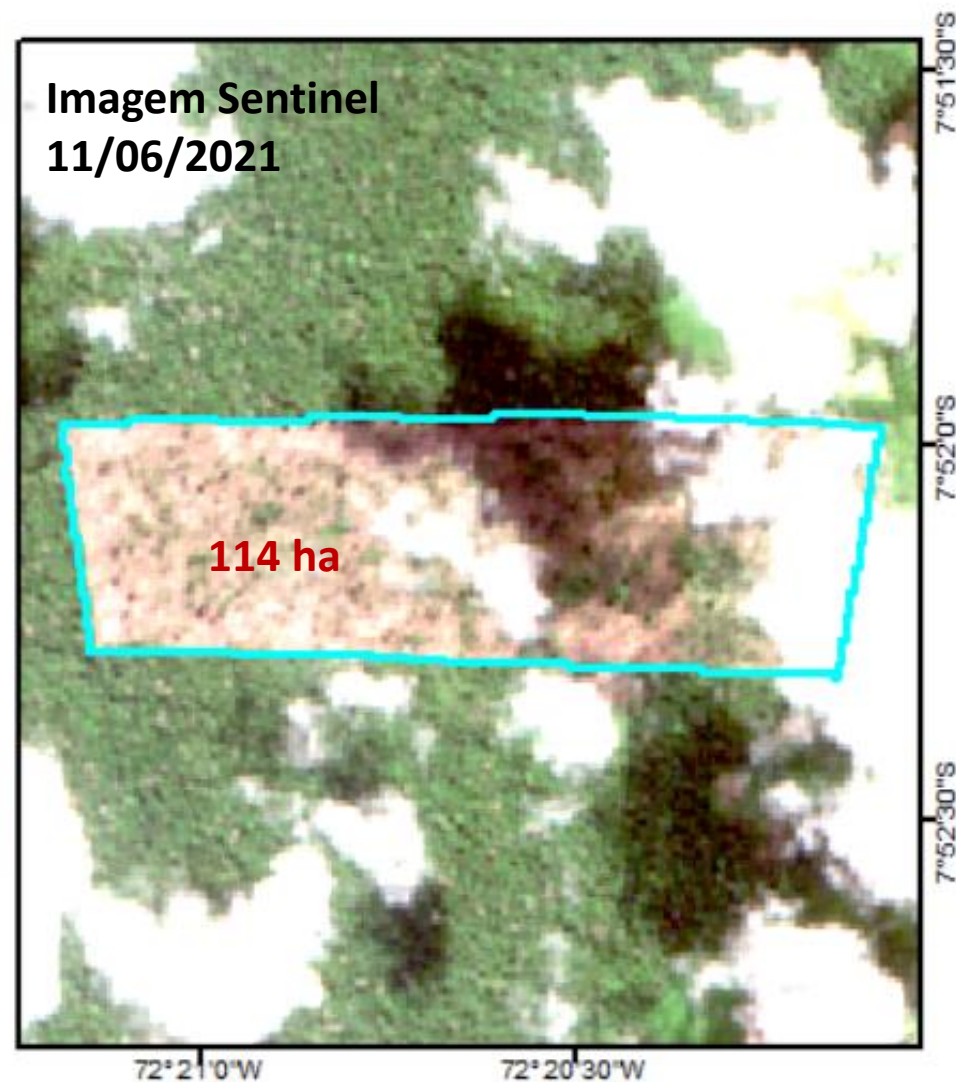
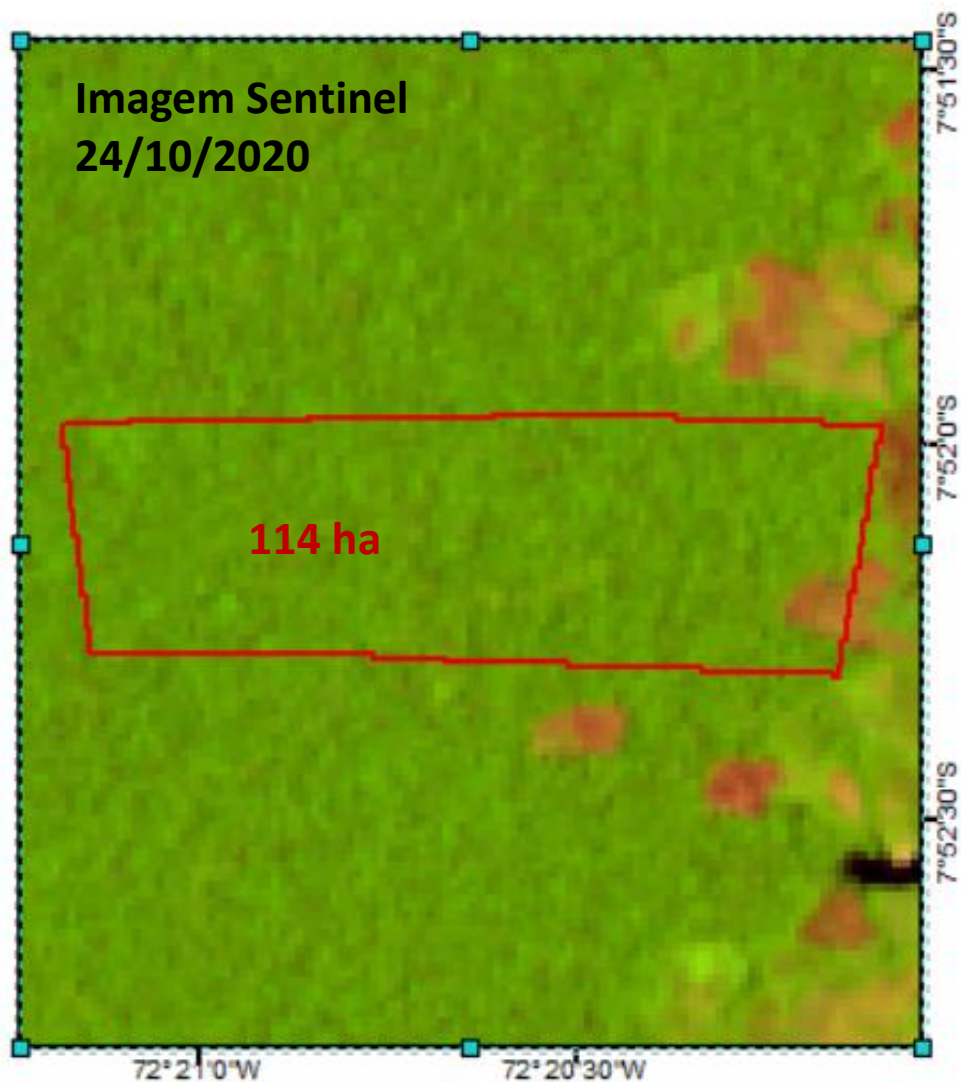
Imagens satélites dos maiores polígonos nos alertas de desmatamento



Município de
Acrelândia
Acre

PAE Porto Dias
(Fundiário ZEE 2010)

Imagens satélites dos maiores polígonos nos alertas de desmatamento

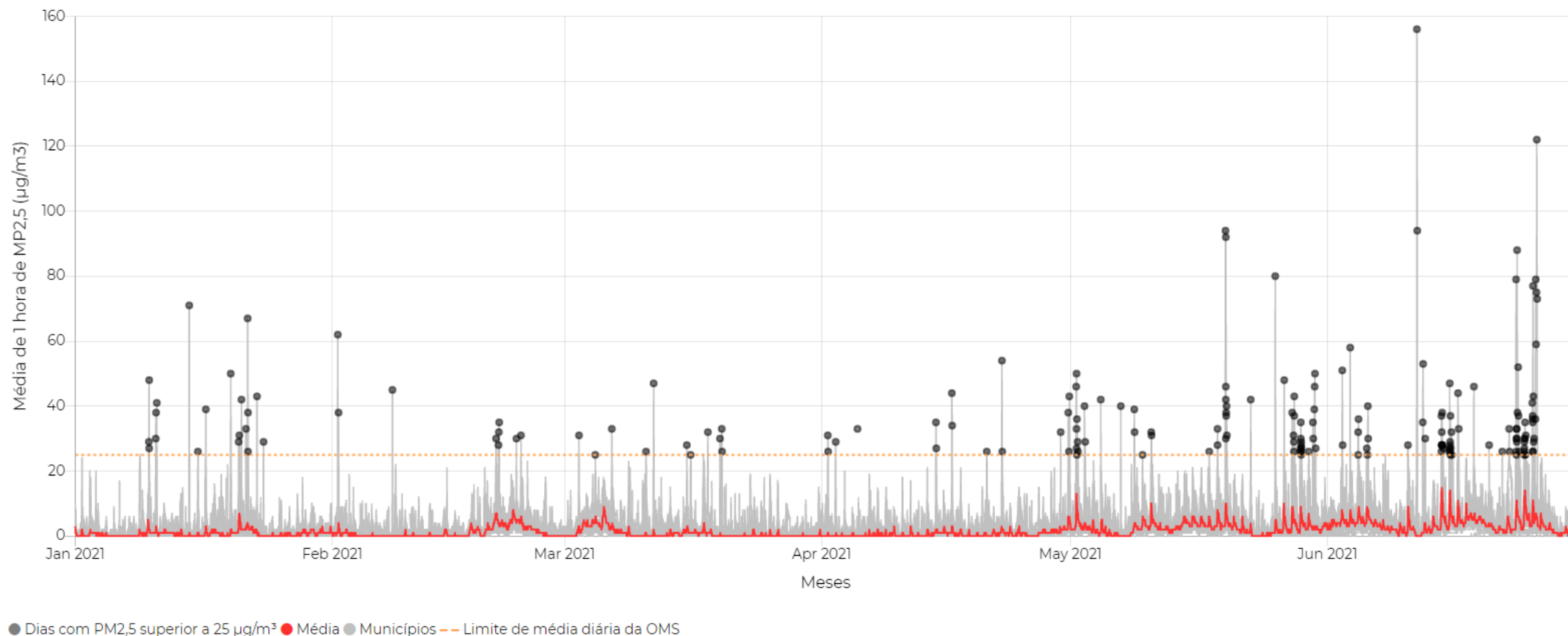


Município de
Cruzeiro do Sul
Acre

PA Narciso Assunção
(Fundiário ZEE 2010)

Qualidade do ar nas cidades do Acre

A média por hora de material particulado no ar indica que os problemas com queimadas estão aumentando no mês de maio.



Fonte: http://acrequalidadedoar.info/dashboardGraficos_mun.php

Dados brutos ajustado pela equação do LRAPA

Imagens de satélite utilizadas

- 2021-05-16_[-69.292969,-10.038457,-66.526611,-8.548586]_B04-B03-B02
- 2021-05-16_[-69.48852539062501,-12.755546865842417,-68.89910888671876,-12.05274512267854]_B11-B8A-B02
- 2021-05-16_[-69.59479151036497,-11.321707,-66.54781506162779,-10.038457]_B04-B03-B02
- 2021-05-19_[-70.670654,-11.132058,-68.83332876941726,-8.97933]_B04-B03-B02
- 2021-05-19_[-71.60685030367995,-9.120493,-68.510742,-7.493261]_B04-B03-B02
- 2021-05-19_[-71.82451137847714,-10.070604,-70.587158,-8.685309]_B04-B03-B02
- 2021-05-21_[-67.962044,-10.055864,-67.70668,-9.880359]_B04-B03-B02
- 2021-05-21_[-67.962044,-10.055864,-67.70668,-9.880359]_B11-B8A-B02
- 2021-05-22_[-74.133545,-10.170446,-70.92687167647235,-7.041936]_B8A-11-4-3-2
- 2021-05-26_[-69.5789876280616,-11.243014,-66.500244,-8.615408]_B11-8A-4-3-2
- 2021-05-29_[-71.015625,-11.151456,-68.87393254014152,-9.156333]_B04-B03-B02
- 2021-05-29_[-71.6115478856189,-9.134639,-68.5046897901218,-7.472418]_B04-B03-B02
- 2021-05-29_[-72.081299,-11.378526,-68.8691248141241,-9.134639]_B04-B03-B02
- CBERS_4_MUX_20210519_179_111_L4_[-67.735742,-10.469924,-66.406748,-9.239295]_BAND7-BAND6-BAND5
- CBERS_4_MUX_20210527_185_109_L4_[-73.121382,-8.678472,-71.799696,-7.448407]_BAND7-BAND6-BAND5-BAND8
- CBERS_4_MUX_20210527_185_110_L4_[-73.322555,-9.57433,-71.997319,-8.343906]_BAND7-BAND6-BAND5-BAND8
- LC08_L1TP_002066_20210518_20210519_01_RT_[-69.03388,-9.72854,-66.96307,-7.6307]_B4-B3-B2-B5-B6
- LC08_L1TP_002067_20210518_20210519_01_RT_[-69.35215,-11.17367,-67.27156,-9.07572]_B4-B3-B2-B5-B6
- LC08_L1TP_003066_20210509_20210509_01_RT_[-70.572,-9.72833,-68.50105,-7.6305]_B4-B3-B2-B5-B6
- LC08_L1TP_003067_20210509_20210509_01_RT_[-70.89033,-11.17398,-68.80968,-9.07602]_B4-B3-B2-B6-B5
- LC08_L1TP_004065_20210516_20210516_01_RT_[-71.80693,-8.2827,-69.74445,-6.18503]_B4-B3-B2-B5-B6
- LC08_L1TP_004067_20210516_20210516_01_RT_[-72.44102,-11.17388,-70.36075,-9.07596]_B4-B3-B2-B5-B6
- LC08_L1TP_005065_20210523_20210524_01_RT_[-73.35584,-8.28281,-71.29351,-6.18508]_B4-B3-B2-B5-B6
- LE07_L1TP_003066_20210517_20210517_01_RT_[-70.51093,-9.6131,-68.44775,-7.75272]_B3-B2-B1-B4-B5
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- S2A_tile_20210517_18LYR_0_[-73.18513627260444,-9.130636283765849,-72.18192375126512,-8.132315356166833]_B04-B03-B02
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- S2B_tile_20210519_19LEL_0_[-69.00017292712312,-9.135194867406586,-68.64963785612666,-8.1418920138985]_B04-B03-B02



Imagens de satélite utilizadas

- LC08_L1TP_002066_20210518_20210519_01_RT_[-69.03388,-9.72854,-66.96307,-7.6307]_B4-B3-B2-B5-B6
- 2021-05-21_[-67.962044,-10.055864,-67.70668,-9.880359]_B04-B03-B02
- 2021-05-21_[-67.962044,-10.055864,-67.70668,-9.880359]_B11-B8A-B02
- 2021-05-21_[-67.962044,-10.055864,-67.70668,-9.880359]_B11-B8A-B02
- 2021-05-22_[-74.133545,-10.170446,-70.92687167647235,-7.041936]_B8A-11-4-3-2
- LC08_L1TP_005065_20210523_20210524_01_RT_[-73.35584,-8.28281,-71.29351,-6.18508]_B4-B3-B2-B5-B6
- LC08_L1TP_003067_20210525_20210526_01_RT_[-70.90066,-11.17403,-68.82035,-9.07606]_B4-B3-B2-B5-B6
- 2021-05-26_[-69.5789876280616,-11.243014,-66.500244,-8.615408]_B11-8A-4-3-2
- LC08_L1TP_001067_20210527_20210527_01_RT_[-67.81095,-11.17381,-65.73045,-9.07581]_B4-B3-B2-B5-B6
- CBERS_4_MUX_20210527_185_109_L4_[-73.121382,-8.678472,-71.799696,-7.448407]_BAND7-BAND6-BAND5-BAND8
- 2021-05-29_[-71.6115478856189,-9.134639,-68.5046897901218,-7.472418]_B04-B03-B02
- 2021-05-29_[-72.081299,-11.378526,-68.8691248141241,-9.134639]_B04-B03-B02
- 2021-06-05_[-69.31693168324855,-10.109486,-66.596375,-8.746651]_B04-B03-B02
- 2021-06-05_[-69.56761774765715,-11.196719,-66.827637,-10.109486]_B04-B03-B02
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- 2021-06-06_[-73.958862,-8.67128,-70.93007981214868,-7.099782]_B04-B03-B02
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- 2021-06-10_[-69.63383525630933,-11.537289,-66.884766,-10.169279]_B02-B03-B04
- 2021-06-11_[-73.97644,-8.697784,-70.93527239650575,-7.079088]_B04-B03-B02
- 2021-06-11_[-73.433716,-10.106584,-71.286987,-8.44787]_B04-B03-B02
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- 2021-06-13_[-71.52905850305042,-8.837309,-68.677735,-7.652198]_B04-B03-B02
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- 2021-06-15_[-69.400635,-11.18918,-66.947937,-10.217625]_B04-B03-B02.
- 2021-06-15_[-69.3395704602418,-10.217625,-66.494751,-8.619041]_B04-B03-B02



Imagens de satélite utilizadas

- 2021-06-16_[-73.97936136409682,-8.549516,-70.91333821811162,-7.043108]_B04-B03-B02
- S2A_tile_20210616_18LXR_0_[-74.09013527157477,-9.134054398029825,-73.0908941319014,-8.137578316994567]_B04-B03-B02
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- LC08_L1TP_004067_20210617_20210617_01_T1_[-72.44028,-11.17403,-70.36055,-9.07607]_B4-B3-B2-B5-B6
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- LC08_L1TP_005065_20210624_20210624_01_RT_[-73.34612,-8.28264,-71.28425,-6.18487]_B4-B3-B2-B5-B6
- LC08_L1TP_005066_20210624_20210624_01_RT_[-73.66203,-9.72849,-71.59194,-7.63065]_B4-B3-B2-B5-B6
- LE07_L1TP_004066_20210625_20210625_01_RT_[-72.06216,-9.61668,-69.99942,-7.75625]_B3-B2-B1-B4-B5
- CBERS_4_MUX_20210625_184_109_L4_[-72.139914,-8.678608,-70.817392,-7.44849]_BAND7-BAND6-BAND5
- LC08_L1TP_003066_20210626_20210627_01_RT_[-70.56959,-9.72859,-68.49938,-7.63071]_B4-B3-B2
- LC08_L1TP_003067_20210626_20210627_01_RT_[-70.88783,-11.17406,-68.80788,-9.07611]_B4-B3-B2-B5-B6
- S2A_tile_20210626_18LYQ_0_[-73.18083394557516,-10.03429393602946,-72.17446353822302,-9.035385059038568]_B04-B03-B02
- S2A_tile_20210626_18LYR_1_[-73.18513627260444,-9.130636283765849,-72.18192375126512,-8.134443919226724]_B04-B03-B02
- S2A_tile_20210626_18LZQ_0_[-72.27148264318505,-10.02802393487254,-71.35216931495009,-9.028065310124653]_B04-B03-B02
- S2A_tile_20210626_18LZR_1_[-72.27756709755204,-9.124940692148277,-71.27746137069633,-8.186527147641002]_B04-B03-B02
- S2A_tile_20210626_18MXS_1_[-73.87072885847994,-8.228285115999165,-73.09545885421186,-7.233330435534534]_B04-B03-B02
- S2A_tile_20210626_18MYS_1_[-73.18897377022002,-8.22638904446625,-72.18865598707241,-7.228658680696897]_B04-B03-B02



Imagens de satélite utilizadas

- S2B_tile_20210621_18LYQ_0 [-73.18083394557516,-10.03429393602946,-72.17446353822302,-9.035385059038568]_B04-B03-B02
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- S2B_tile_20210621_18MYS_0 [-73.18897377022002,-8.22638904446625,-72.18865598707241,-7.228658680696897]_B04-B03-B02
- S2B_tile_20210621_18MZS_0 [-72.375732421875,-8.218865506480357,-71.27380371093751,-7.611127398604479]_B04-B03-B02
- S2B_tile_20210621_18MZS_0 [-72.28368115910301,-8.221265441855989,-71.28203266446738,-7.222193160799602]_B04-B03-B02
- S2B_tile_20210625_19LDJ_0 [-69.50350763233587,-10.943910078451896,-68.91068461115755,-9.950761240156298]_B04-B03-B02
- S2B_tile_20210625_19LDK_0 [-69.29508479389558,-10.03930031682981,-68.91094369188973,-9.046198951139669]_B04-B03-B02
- S2B_tile_20210625_19LEH_0 [-69.00017444074064,-11.848480532136831,-67.9921634329058,-10.85385150960234]_B04-B03-B02
- S2B_tile_20210625_19LEJ_0 [-69.0001738900609,-10.94392313853465,-67.99534434842198,-9.949375005984479]_B04-B03-B02
- S2B_tile_20210625_19LEK_0 [-69.00017338565021,-10.03931227485262,-67.99825800339511,-9.04484893935142]_B04-B03-B02
- S2B_tile_20210625_19LEL_0 [-69.00017292712312,-9.135194867406586,-68.00090662293165,-8.140820307972684]_B04-B03-B02
- S2B_tile_20210625_19LFJ_0 [-68.08772136512071,-10.942551939489968,-67.08027128421715,-9.945399966225072]_B04-B03-B02
- S2B_tile_20210625_19LFK_0 [-68.0901122560011,-10.038056782401728,-67.08583577885257,-9.041241410294564]_B04-B03-B02
- S2B_tile_20210625_19LGJ_0 [-67.17605618328966,-10.938442313883733,-66.52391320429956,-9.941709549942344]_B04-B03-B02
- S2B_tile_20210621_18LZR_0 [-72.27793018572382,-9.124940692148277,-71.27778830875658,-8.12503165430666]_B04-B03-B02
- S2A_tile_20210626_18MZS_0 [-72.28368115910301,-8.221265441855989,-71.28203266446738,-7.222193160799602]_B04-B03-B02
- S2A_tile_20210626_19LBL_0 [-71.72656644315825,-8.835188276236908,-71.15635755046385,-8.132916935953398]_B04-B03-B02
- S2A_tile_20210626_19MBM_0 [-71.72301413046442,-8.224599553772965,-70.95843853606901,-7.229192683647336]_B04-B03-B02
- S2A_tile_20210630_19LDJ_0 [-69.49691841481958,-10.943910078451896,-68.91068461115755,-9.950766432496534]_B04-B03-B02
- S2A_tile_20210630_19LDK_0 [-69.28906192760397,-10.03930031682981,-68.91094369188973,-9.046198951139669]_B04-B03-B02
- S2A_tile_20210630_19LEJ_0 [-69.0001738900609,-10.94392313853465,-67.99534434842198,-9.949375005984479]_B04-B03-B02
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- S2A_tile_20210630_19LEL_0 [-69.00017292712312,-9.135194867406586,-68.00090662293165,-8.140820307972684]_B04-B03-B02
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- S2A_tile_20210630_19LFK_0 [-68.0901122560011,-10.038056782401728,-67.08583577885257,-9.041241410294564]_B04-B03-B02
- S2A_tile_20210630_19LGJ_0 [-67.17605618328966,-10.938442313883733,-66.51844473205081,-9.94166902890755]_B04-B03-B02
- S2A_tile_20210630_19LGK_0 [-67.18083394557515,-10.03429393602946,-66.3196962339105,-9.036412611604462]_B04-B03-B02
- S2B_tile_20210701_18LYQ_0 [-73.18083394557516,-10.03429393602946,-72.17446353822302,-9.035385059038568]_B04-B03-B02
- S2B_tile_20210701_18LYR_0 [-73.18513627260444,-9.130636283765849,-72.18192375126512,-8.132315356166833]_B04-B03-B02
- S2B_tile_20210701_18LZQ_0 [-72.27148264318505,-10.02802393487254,-71.35943342507356,-9.028137481698158]_B04-B03-B02
- S2B_tile_20210701_18LZR_0 [-72.27793018572382,-9.124940692148277,-71.27780429715972,-8.12503165430666]_B04-B03-B02
- S2B_tile_20210701_18MXS_0 [-73.9181000824924,-8.229033080779761,-73.09545885421186,-7.233330435534534]_B04-B03-B02