CLOUD PREDICTION DEMO

Modification to the Urthecast Web Demo

Click orange links to see predicted cloud cover

during forecasted capture for AOI (e.g. West Coast)

Data based on Environment Canada models

See README for more information

Thanks! Jonathan - lannanj@gmail.com

CREATE AN AOI ON THE WEST COAST

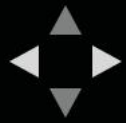
GeoJSON:

{"name":"West Coast","geometry":{"type": "Polygon", "coordinates": [[[-126,53],[-126,47],
[-120,47],[-120,53], [-126,53]]]}}

Create AOI

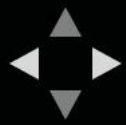
West Coast

AVahGtWAaZ4j_gD2FvTz

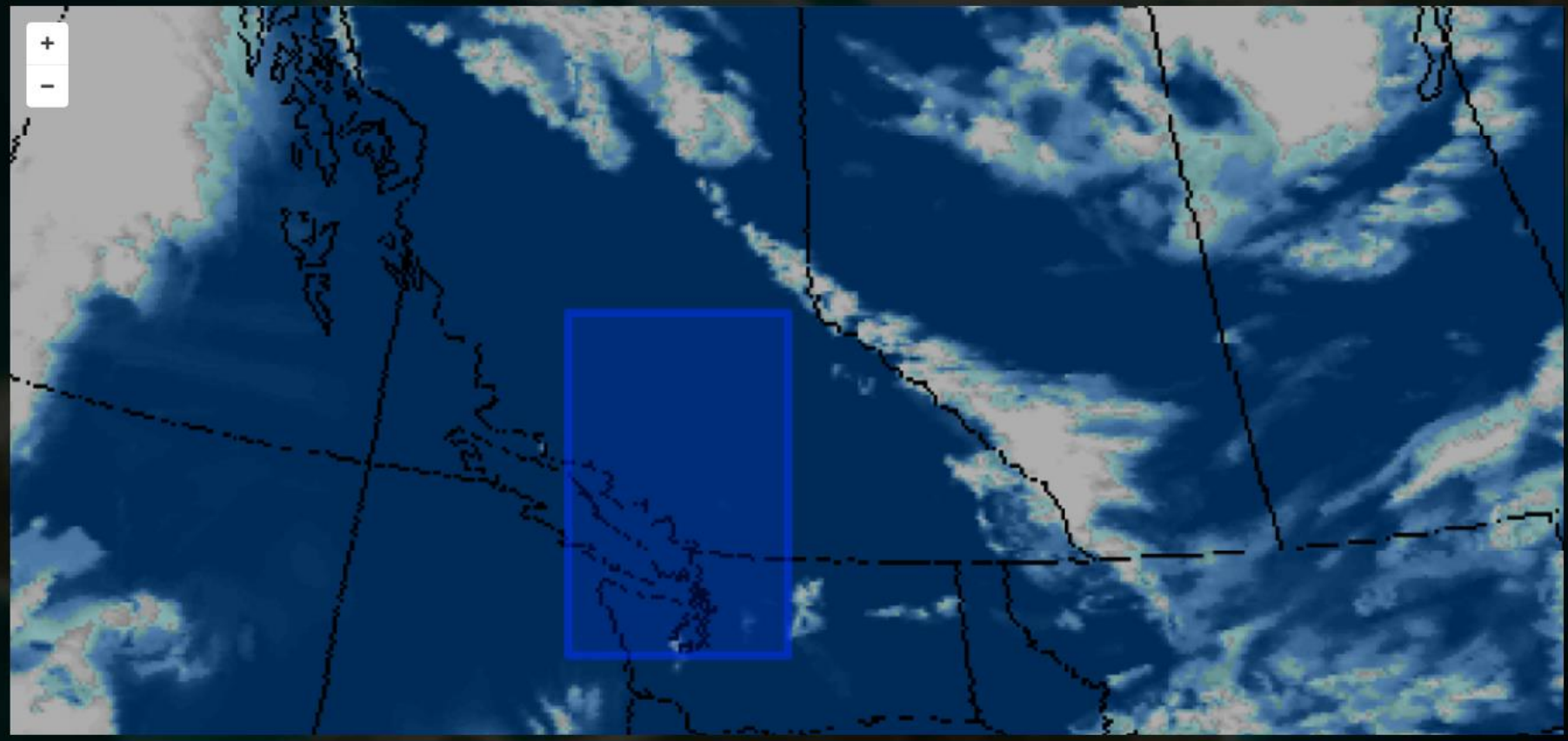


https://api.urthecast.com/v1/consumers/apps/me/aois?
api_key=7543BFBB202646B69D98&api_secret=0C87A739BAAE49F29AE1204F7C260927

{"request_id":"39eddaf0-ebfb-4607-9321-b6a5fdfacb0f","request_time":"2016-08-
19T04:33:28Z","status":201,"messages":null,"meta":null,"payload":[{"name":"West Coast","geometry":
{"type":"Polygon","coordinates":[[[-126,53],[-126,47],[-120,47],[-120,53],
[-126,53]]]},"consumer_id":26794,"id":"AVahE0AfO-KJi0A_dpTK"}]}

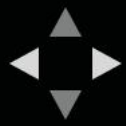


See a map of predicted cloud cover at +3 UTC:

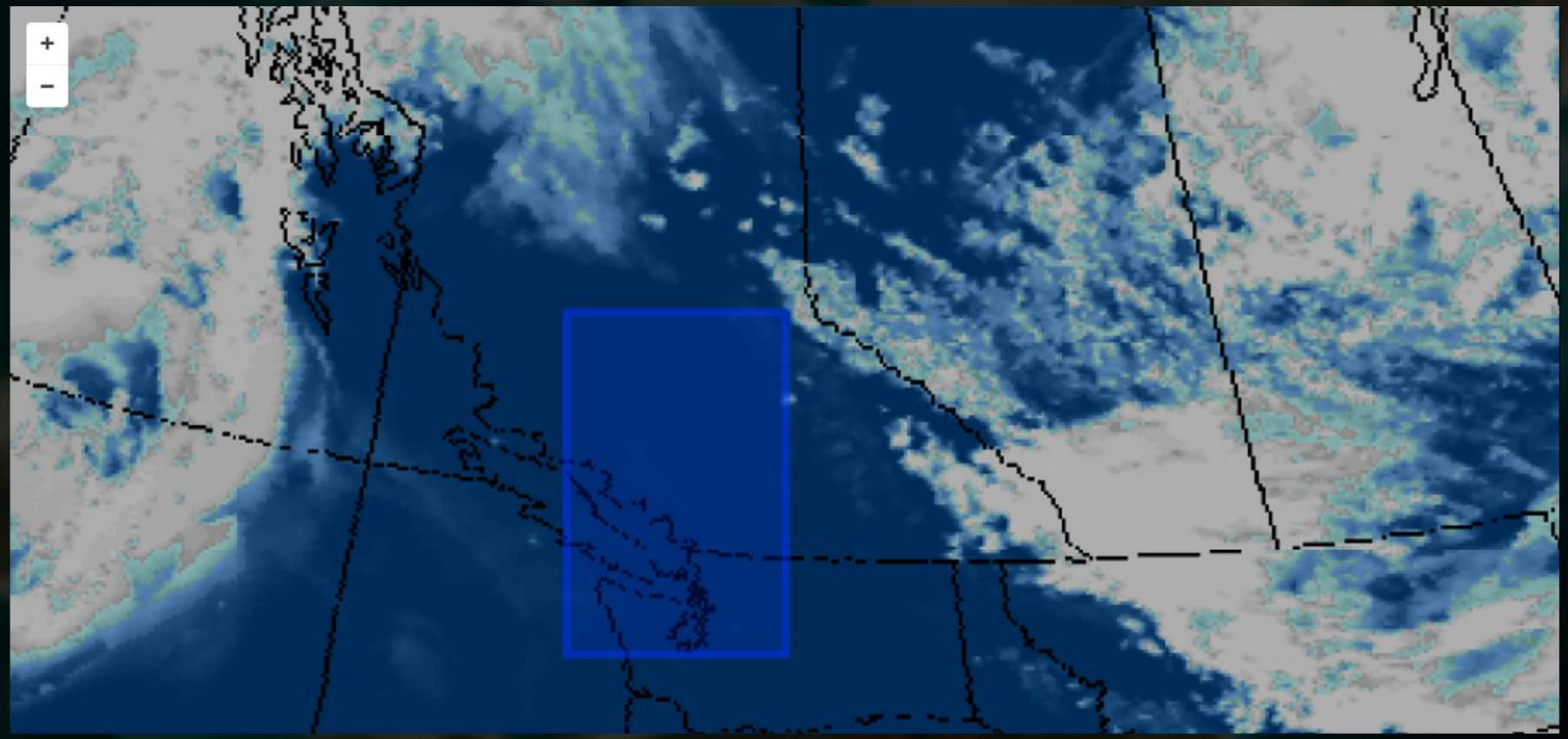


CLOUD COVERAGE FORECASTS

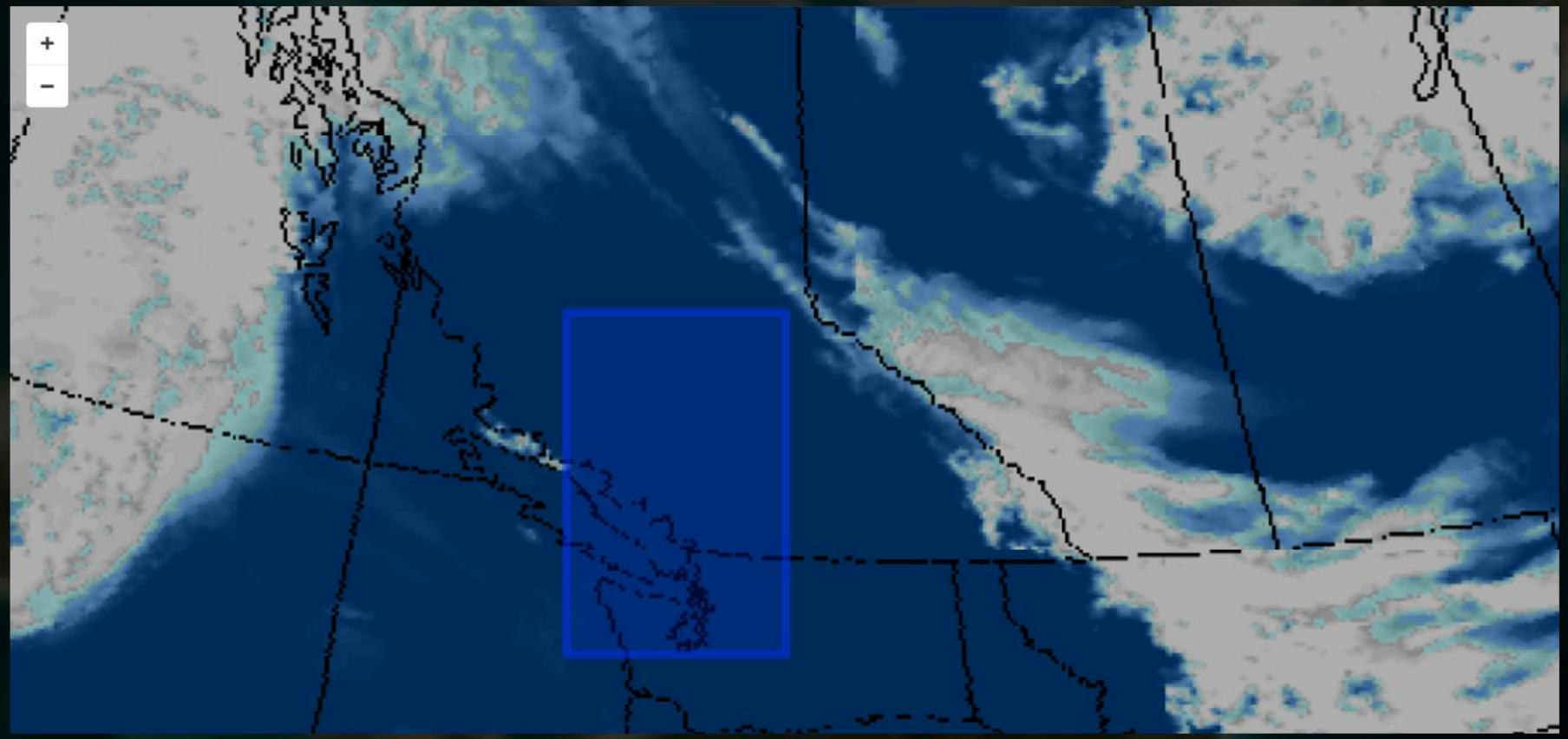
What is the predicted cloud cover for the next capture opportunity for a given satellite?



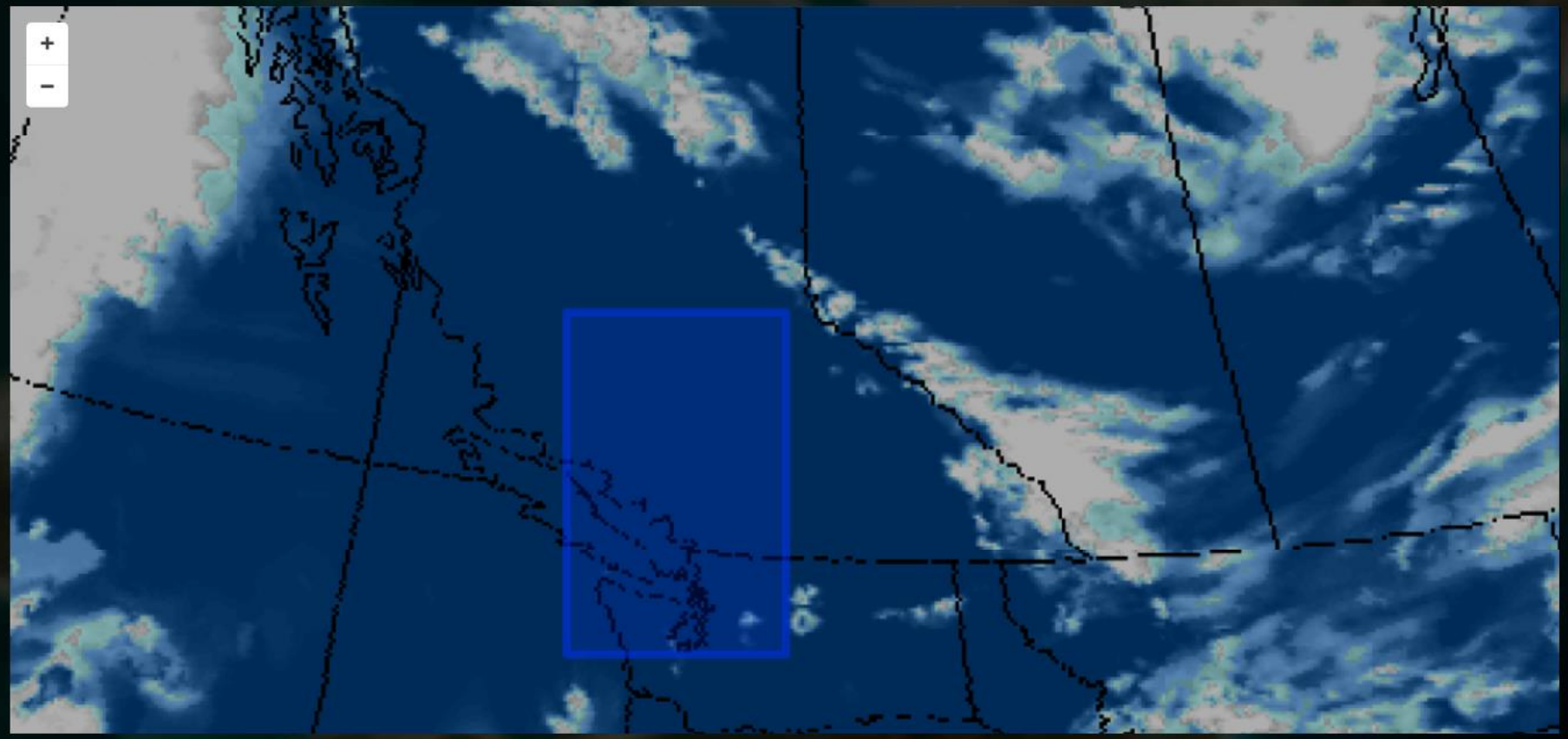
What will the cloud cover be for Theia's next pass?



What will the cloud cover be for Deimos-1's next pass?



What will the cloud cover be for Landsat-8's next pass?



Thanks for trying! See README for more info

Jonathan - lannanj@gmail.com