

OUTDOOR COLLABORATION

ADVENTURE PROJECT

# CURRENT PRODUCTS

TRAIL RUN  
PROJECTMTB  
PROJECTHIKING  
PROJECTPOWDER  
PROJECTNATIONAL PARK  
TRAIL GUIDE

# Climbing Map

Explore the map or pick one of these top destinations: [Choose Destination](#)

**Sun Angles**

## Popular Near Here

[Melrose Boulders](#) in North San Diego Cou...

[Hill Top](#) in Melrose Boulders

[Planet Space Ball](#) in Calavera lake

[Wall of sage](#) in Calavera lake

[No Man's Land](#) in Calavera lake

[Dam Straight](#) in Calavera lake

[The Hornets Nest](#) in Calavera lake

[Top Ramen boulder](#) in Calavera lake

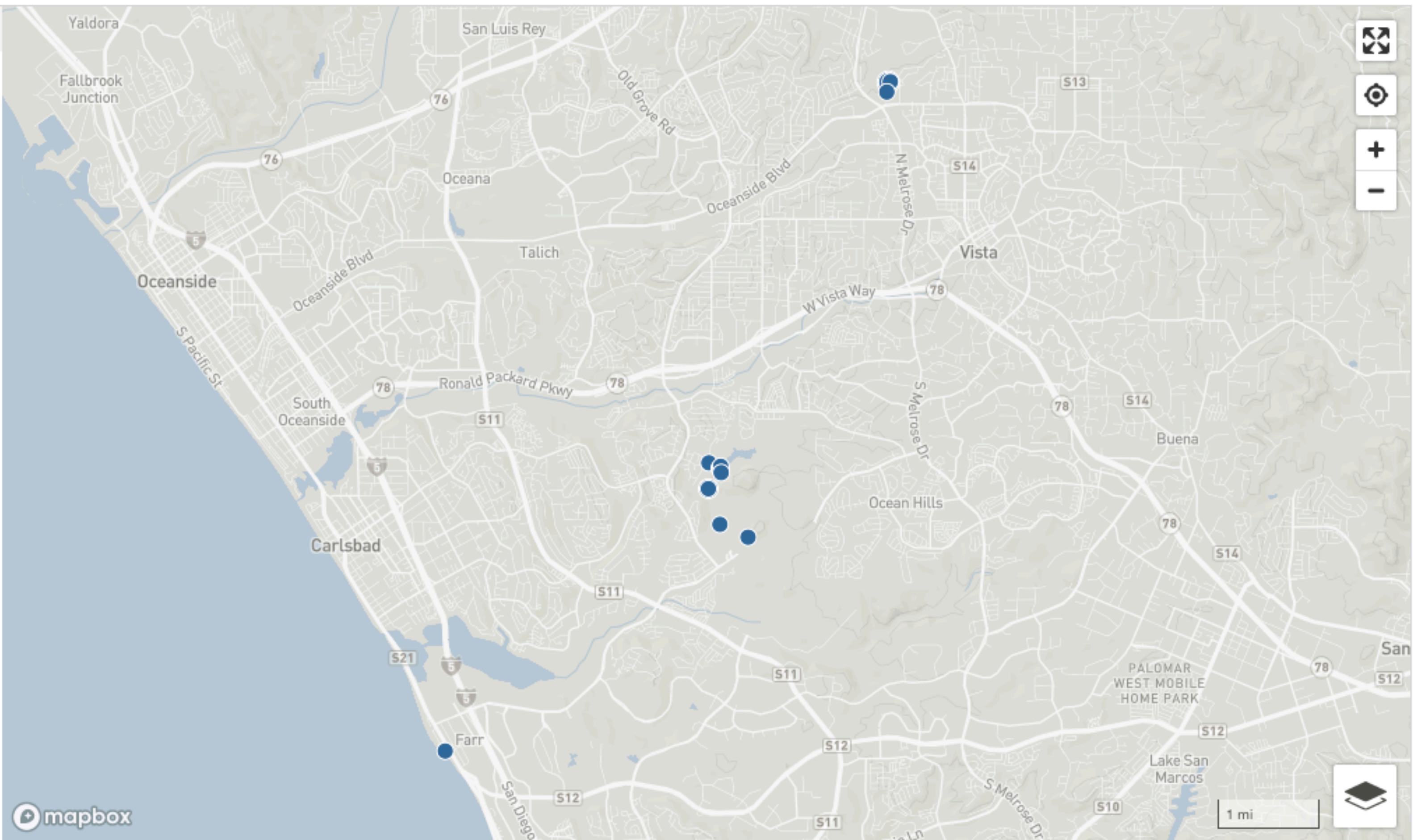
[Calavera lake](#) in North San Diego County

[Lake View Boulder](#) in Calavera lake

[South Side Boulder.](#) in Melrose Boulders

[Trade Tech Boulder](#) in Melrose Boulders

[Carlsbad Beach Wall AKA "This Is Not...](#)



Dojo-CSharpProject/Adventure X | Hiking Project | Hiking Trail Map X Clim

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mountainproject.com/map

Apps Office Web Fun Dojo Jesus Coding Michigan Tech

MOUNTAIN PROJECT MTB PROJECT HIKING PROJECT TRAIL RUN PROJECT POWDER PROJECT NATIONAL PARK TRAIL GUIDE

# Climbing Map

Explore the map or pick one of these top destinations: Choose Destination ▾

Sun Angles on June 22

Sunrise: 5:42 AM · Sunset: 8:02 PM  
America/Los\_Angeles Time Zone

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

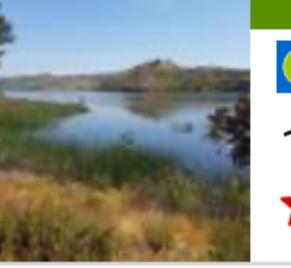
**Popular Near Here**

- Melrose Boulders in North San Diego Cou...
- Hill Top in Melrose Boulders
- Planet Space Ball in Calavera lake
- Wall of sage in Calavera lake
- No Man's Land in Calavera lake
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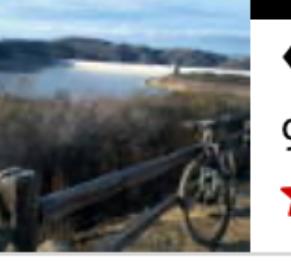
mapbox

 **RECOMMENDED ROUTE**  
**Lake Hodges North Side**  
10.2 mi • 294' Up • 294' Down  
★★★★★ Escondido, CA

 **RECOMMENDED ROUTE**  
**Lake Calavera Tour**  
5.0 mi • 392' Up • 389' Down  
★★★★★ Carlsbad, CA

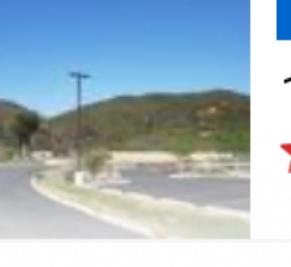
 **RECOMMENDED ROUTE**  
**Coast to Crest Trail - North Shore ...**  
15.6 mi • 407' Up • 407' Down  
★★★★★ Escondido, CA

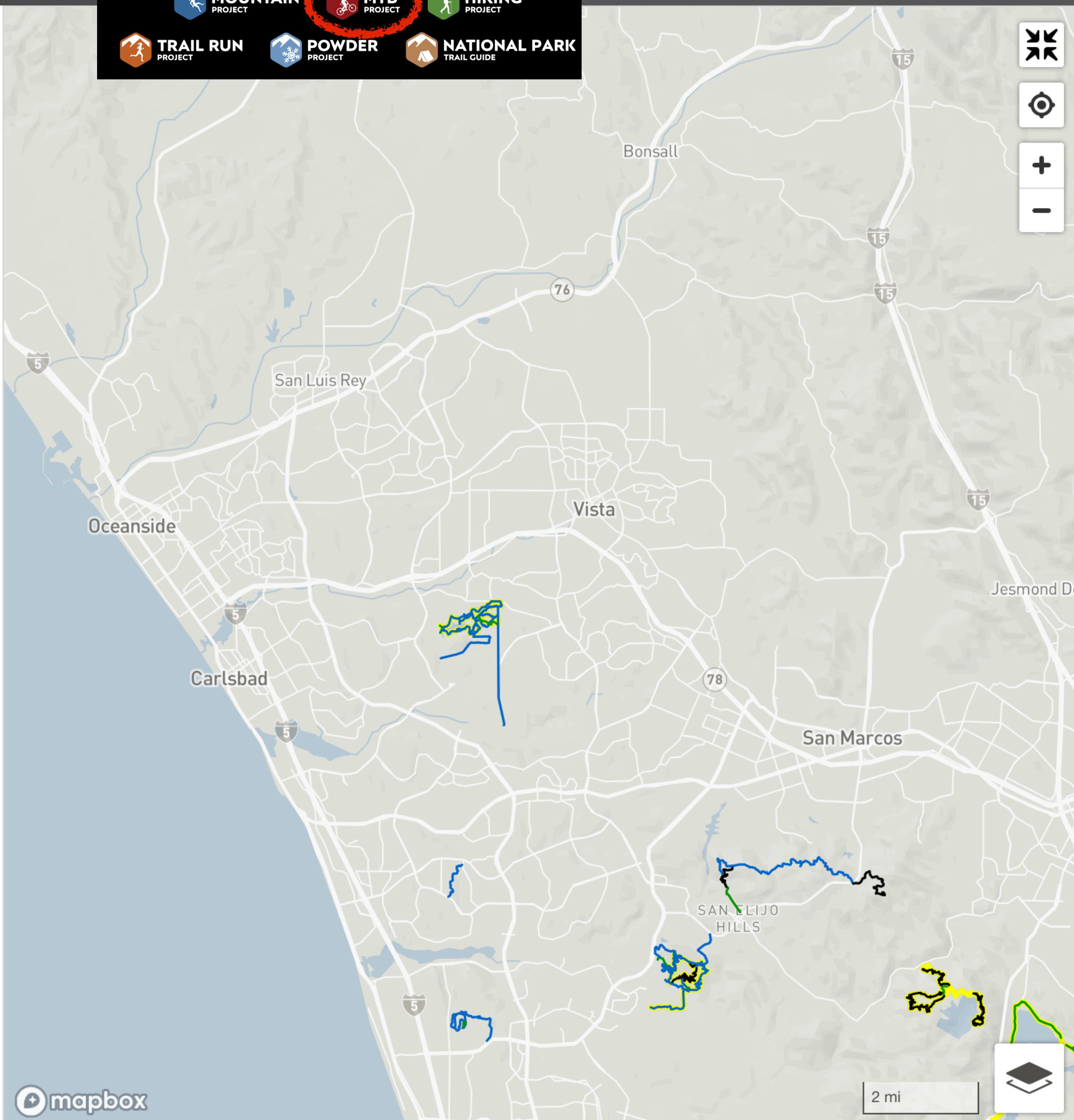
 **RECOMMENDED ROUTE**  
**◆ Horned Lizard to Whiptail Loop**  
5.4 mi • 730' Up • 729' Down  
★★★★★ Lake San Marcos, CA

 **RECOMMENDED ROUTE**  
**◆ Elfin Forest**  
9.6 mi • 1,957' Up • 1,929' Down  
★★★★★ San Marcos, CA

 **RECOMMENDED ROUTE**  
**◆ La Costa Preserve - South Side Ac...**  
8.8 mi • 1,216' Up • 1,216' Down  
★★★★★ Lake San Marcos, CA

 **RECOMMENDED ROUTE**  
**Carlsbad Highlands Ecological Res...**  
1.4 mi • 313' Up • 60' Down  
★★★★★ Carlsbad, CA

 **RECOMMENDED ROUTE**  
**Viewpoint Trail**  
1.6 mi • 80' Up • 265' Down  
★★★★★ Lake San Marcos, CA



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MOUNTAIN PROJECT MTB PROJECT HIKING PROJECT  
TRAIL RUN PROJECT POWDER PROJECT NATIONAL PARK TRAIL GUIDE

RECOMMENDED ROUTE  
**Buena Vista Park**  
2.6 mi • 87' Up • 87' Down  
★★★★★ Vista, CA

RECOMMENDED ROUTE  
**Lake Calavera Preserve Loop**  
3.2 mi • 180' Up • 180' Down  
★★★★★ Carlsbad, CA

RECOMMENDED ROUTE  
**Guajome County Park Loop**  
3.9 mi • 144' Up • 143' Down  
★★★★★ Vista, CA

RECOMMENDED ROUTE  
**Aviara Oaks Loop**  
2.8 mi • 280' Up • 280' Down  
★★★★★ Lake San Marcos, CA

**Double Peak Trail**  
2.1 mi • 965' Up • 0' Down  
★★★★★ Lake San Marcos, CA

**Golf View Trail**  
0.5 mi • 43' Up • 66' Down  
★★★★★ Lake San Marcos, CA

**Black Sage Trail**  
0.8 mi • 56' Up • 77' Down  
★★★★★ Encinitas, CA

**San Luis Rey River Trail**  
9.2 mi • 139' Up • 79' Down  
★★★★★ Oceanside, CA

**Rancho Dorado Trail - Simmons Fa...**  
0.4 mi • 79' Up • 14' Down  
★★★★★ Lake San Marcos, CA

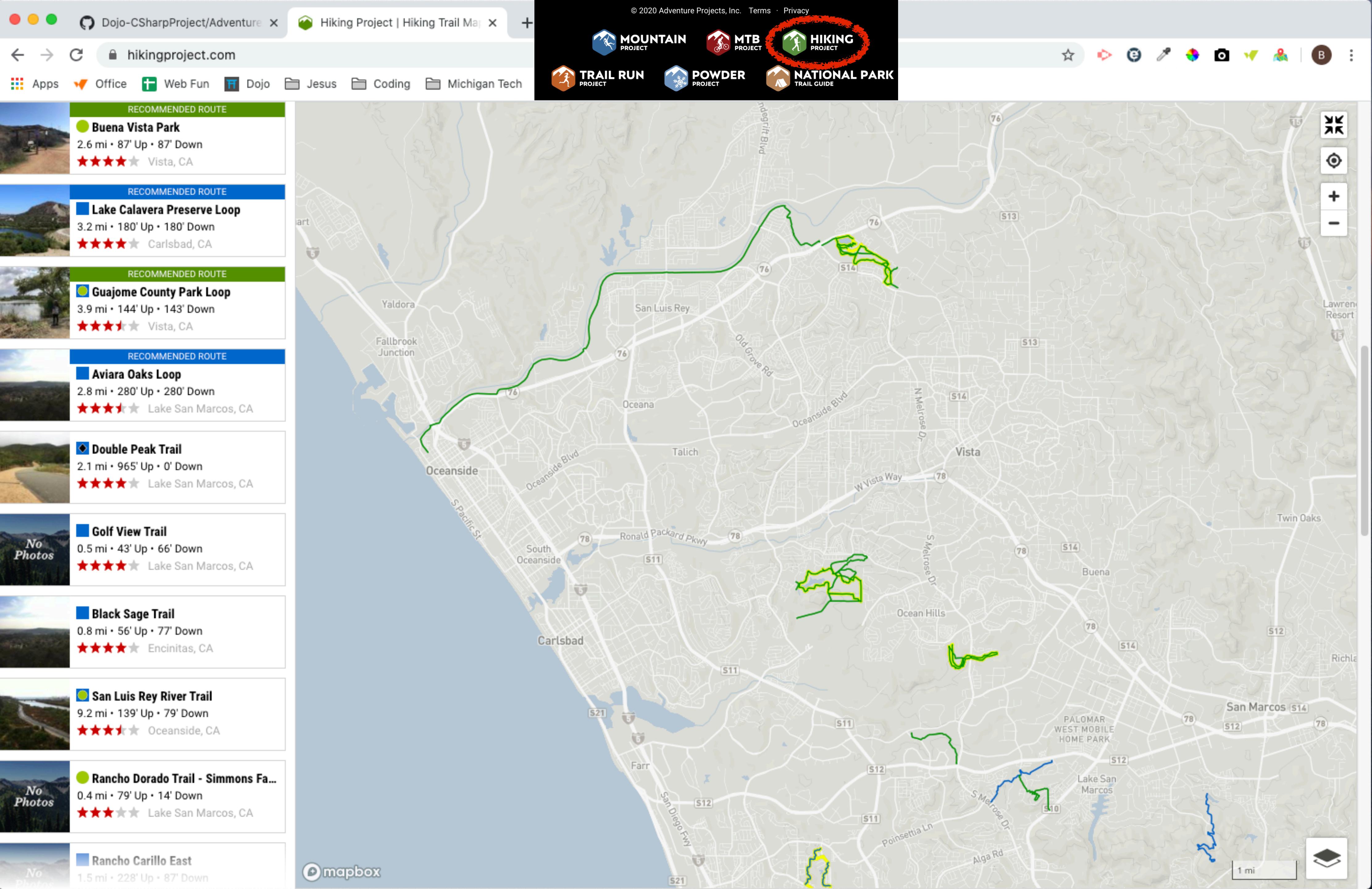
**Rancho Carillo East**  
1.5 mi • 228' Up • 87' Down  
No Photos

No Photos

No Photos

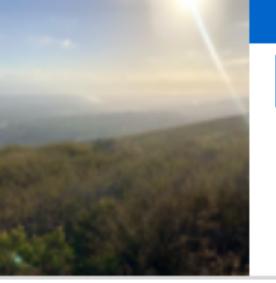
No Photos

Map showing recommended hiking routes in the San Diego area. The map includes cities like Fallbrook, Oceanside, Carlsbad, Vista, and San Marcos, along with state routes 76, 15, 5, 78, 511, 512, 513, 514, and 521. The trails are highlighted in green and blue. A legend in the top right corner shows icons for star, red diamond, gear, camera, leaf, and location.



 **RECOMMENDED ROUTE**

 **Buena Vista Park**  
2.6 mi • 87' Up • 87' Down  
 Vista, CA

 **RECOMMENDED ROUTE**

 **Denk 7**  
7.6 mi • 1,025' Up • 1,021' Down  
 Lake San Marcos, CA

 **RECOMMENDED ROUTE**

 **Encinitas Ranch Golf Course Route**  
1.3 mi • 59' Up • 50' Down  
 Encinitas, CA

 **RECOMMENDED ROUTE**

 **Lake Calavera Preserve Loop**  
3.2 mi • 180' Up • 180' Down  
 Carlsbad, CA

 **RECOMMENDED ROUTE**

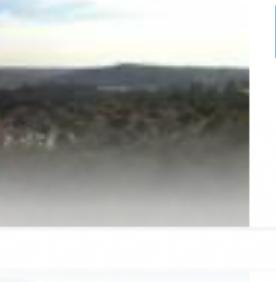
 **Batiquitos Lagoon Trail**  
3.3 mi • 39' Up • 39' Down  
 Encinitas, CA

 **RECOMMENDED ROUTE**

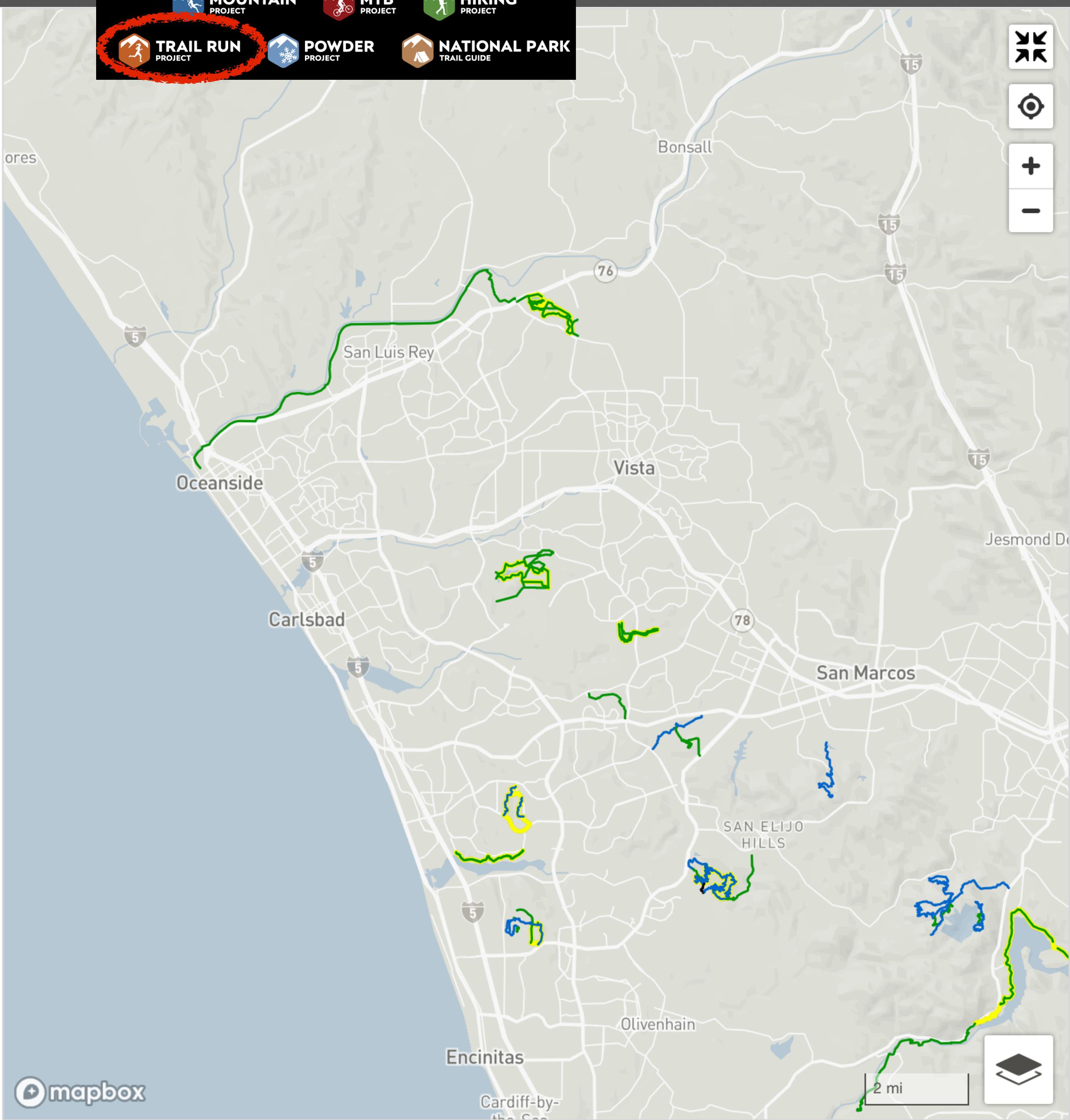
 **Guajome County Park Loop**  
3.9 mi • 144' Up • 143' Down  
 Vista, CA

 **RECOMMENDED ROUTE**

 **Coast to Crest Trail - North Shore ...**  
15.6 mi • 407' Up • 407' Down  
 Escondido, CA

 **RECOMMENDED ROUTE**

 **Aviara Oaks Loop**  
2.8 mi • 280' Up • 280' Down  
 Lake San Marcos, CA



**RECOMMENDED ROUTE**

**Section House Hut Ascent**  
0.5 mi • 348' Up • 0' Down  
 Breckenridge, CO

**Bruno Gulch Line**  
3.2 mi • 0' Up • 898' Down  
 Jefferson, CO

**Mt. Democrat, West Face**  
1.1 mi • 0' Up • 2,581' Down  
 Copper Mountain, CO

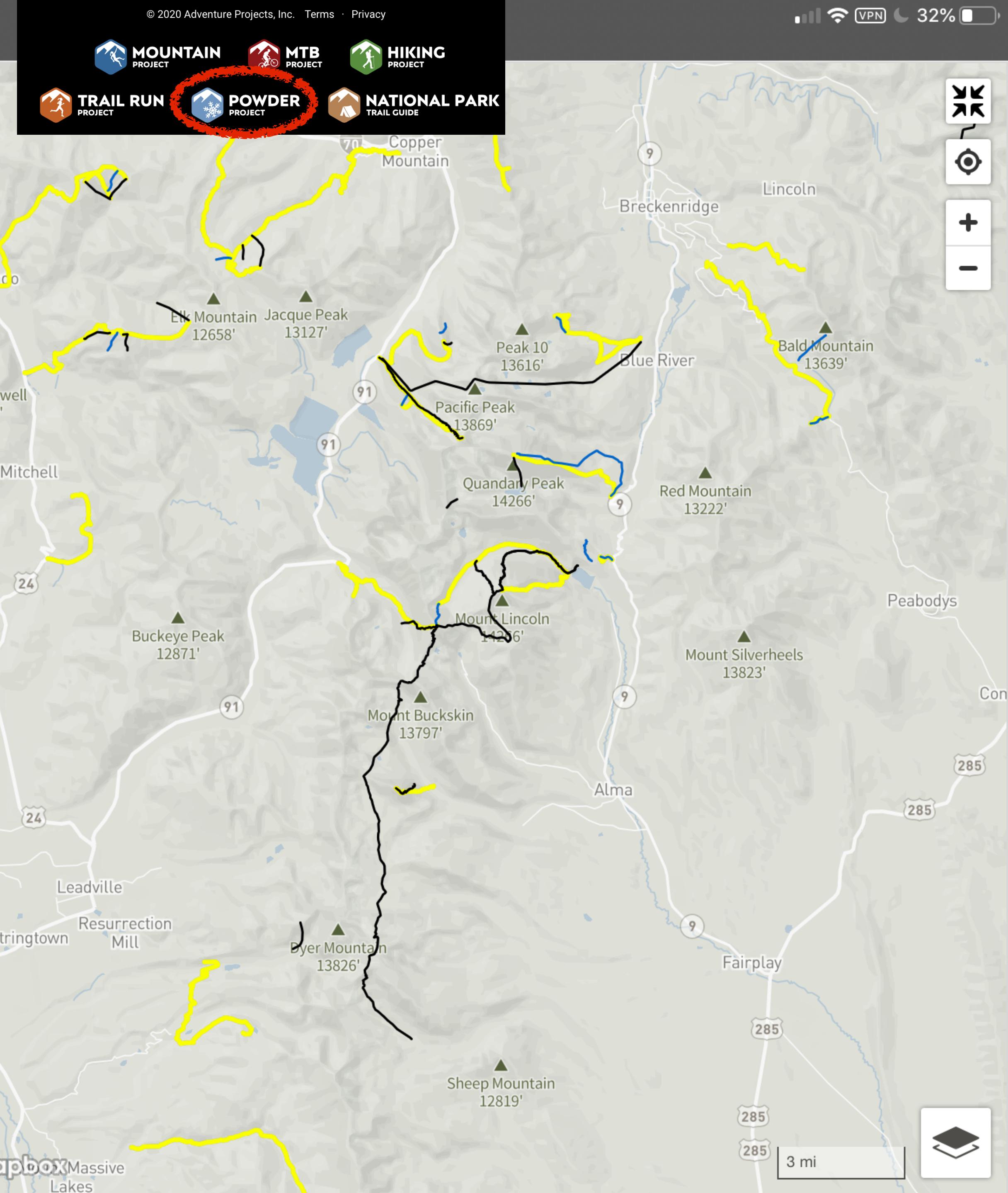
**SheDBroLinc**  
19.4 mi • 8,269' Up • 8,907' Down  
 Fairplay, CO

**Y-Knot**  
0.6 mi • 0' Up • 643' Down  
 Breckenridge, CO

**Dyer Amphitheatre**  
0.8 mi • 0' Up • 1,071' Down  
 Leadville, CO

**Wheels Keep Turning**  
0.3 mi • 0' Up • 820' Down  
 Breckenridge, CO

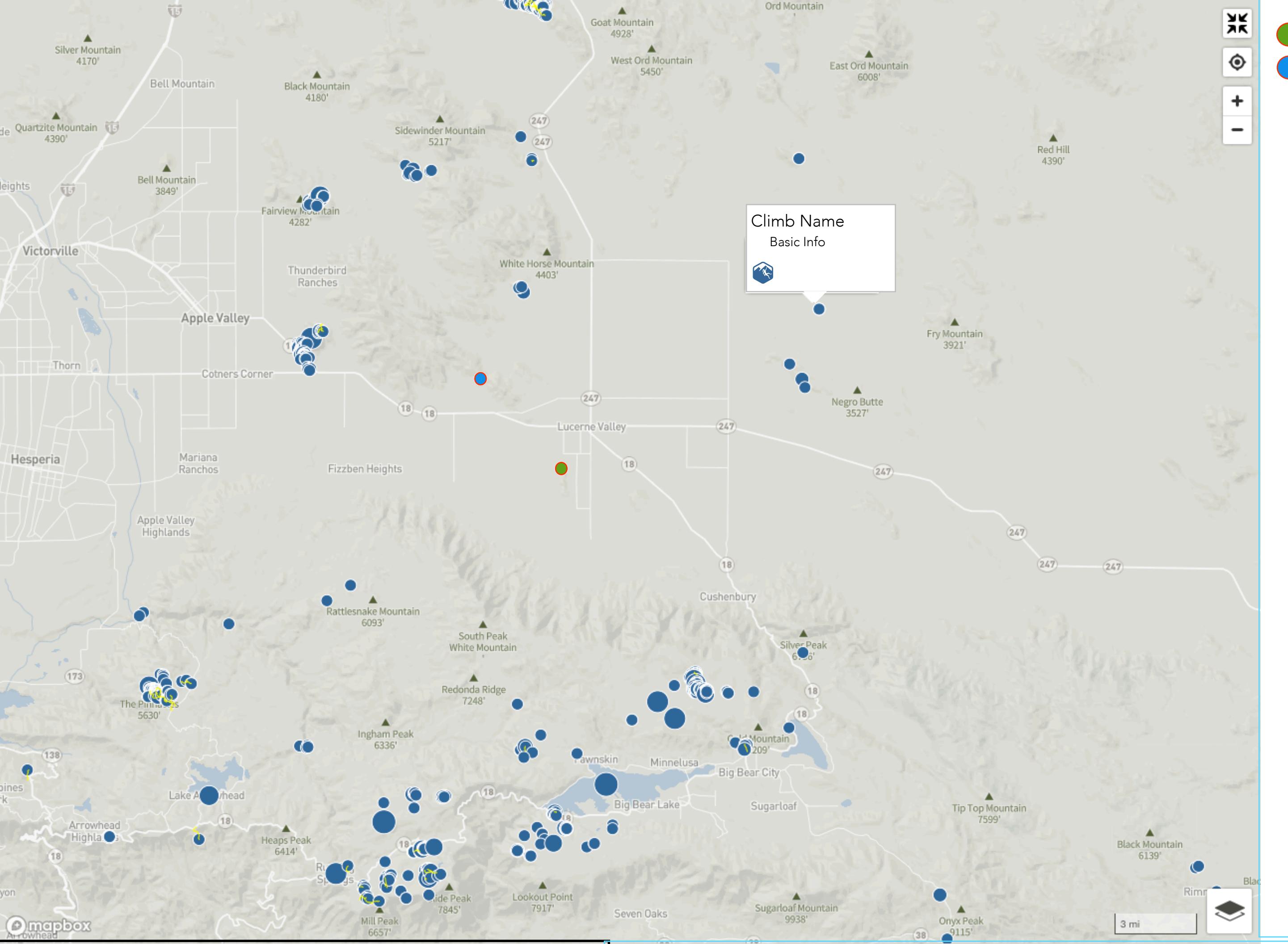
**Wise Mountain Tornado**  
0.9 mi • 0' Up • 1,567' Down  
 Breckenridge, CO



FINAL PRODUCT

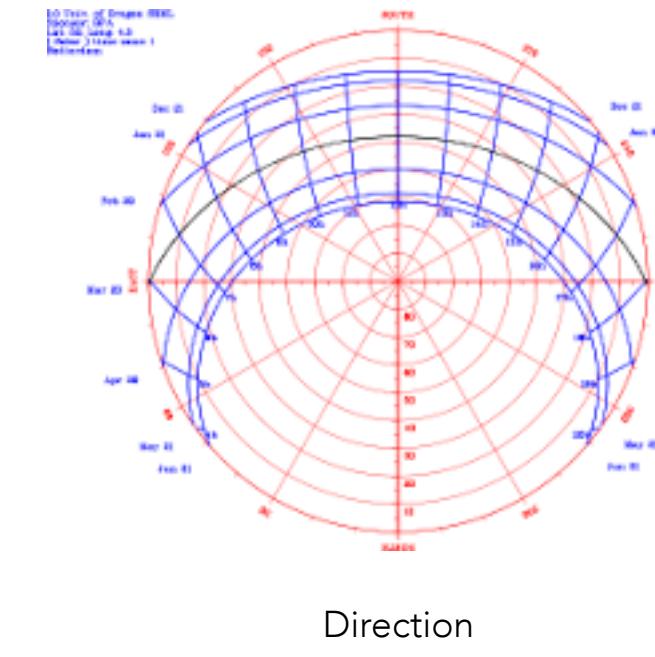
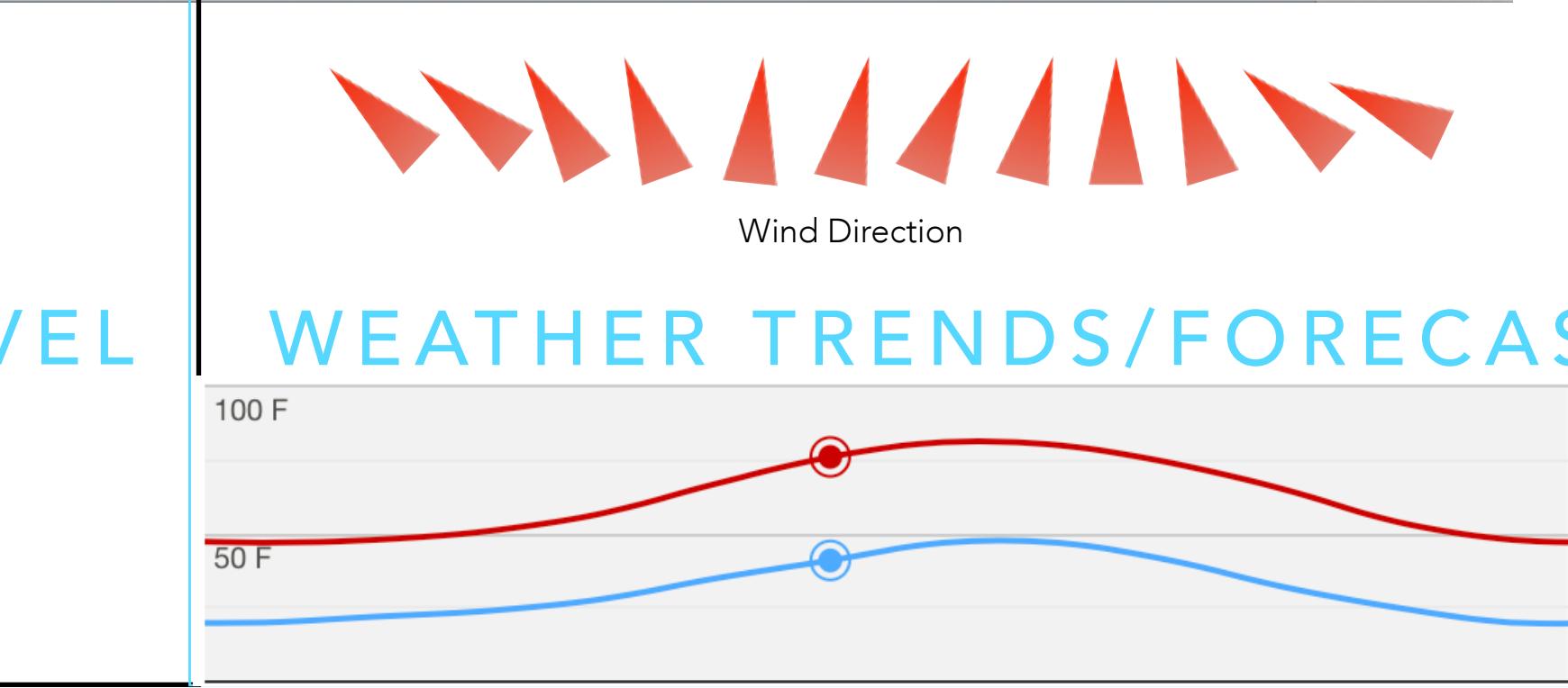
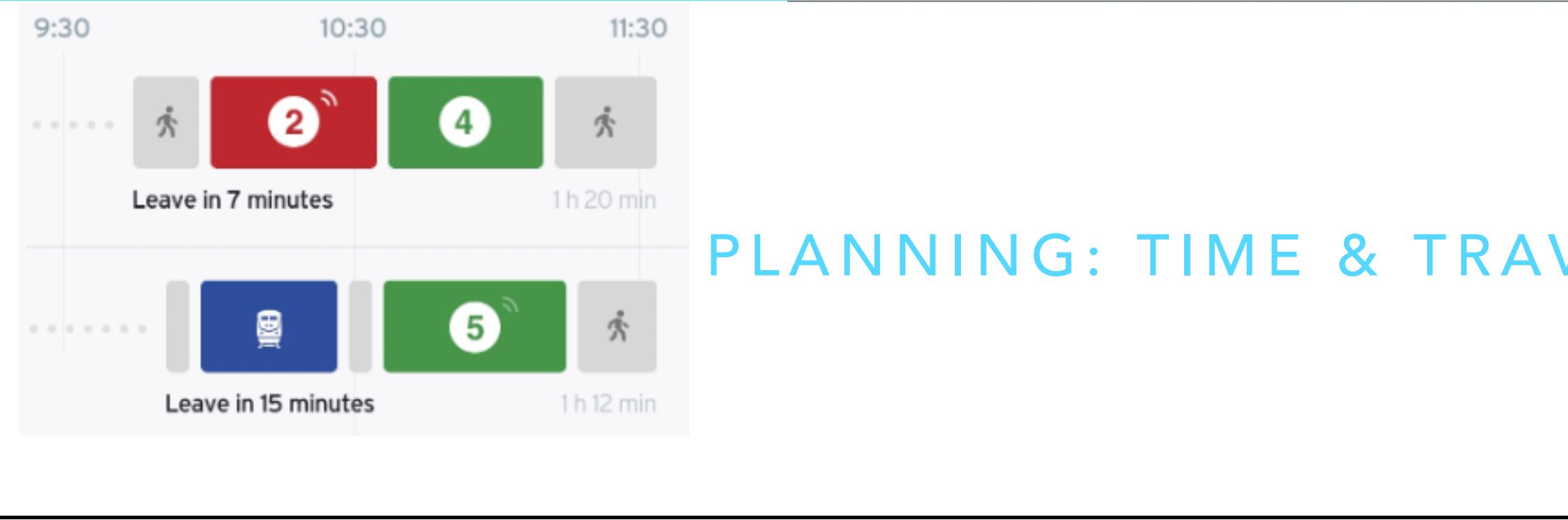
- Waterfalls
- Hikes

## LAYERS



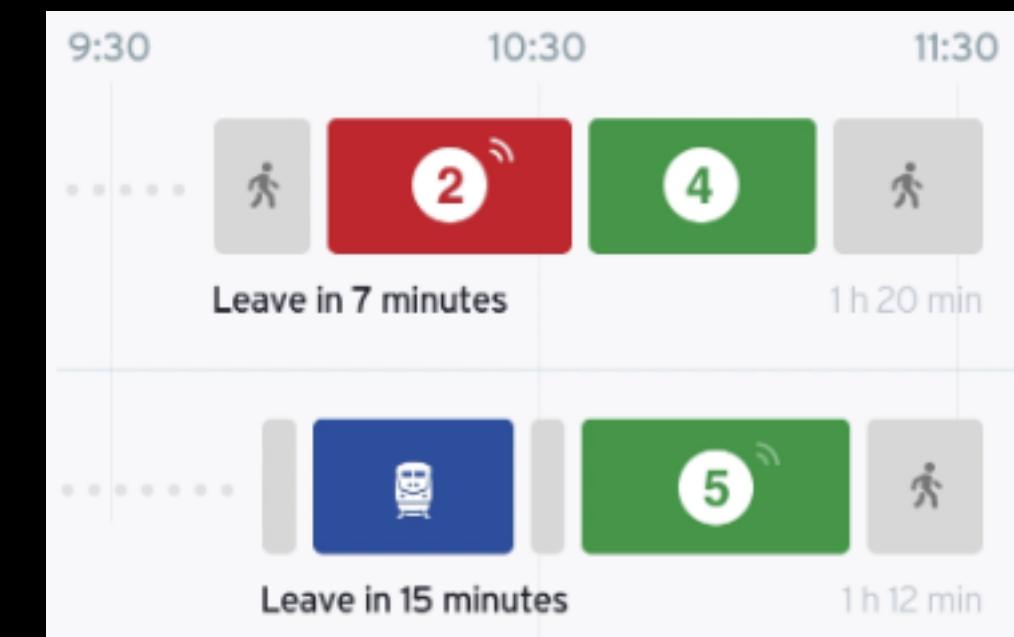
- Hike Name
- Climb Name

## ADVENTURE LIST

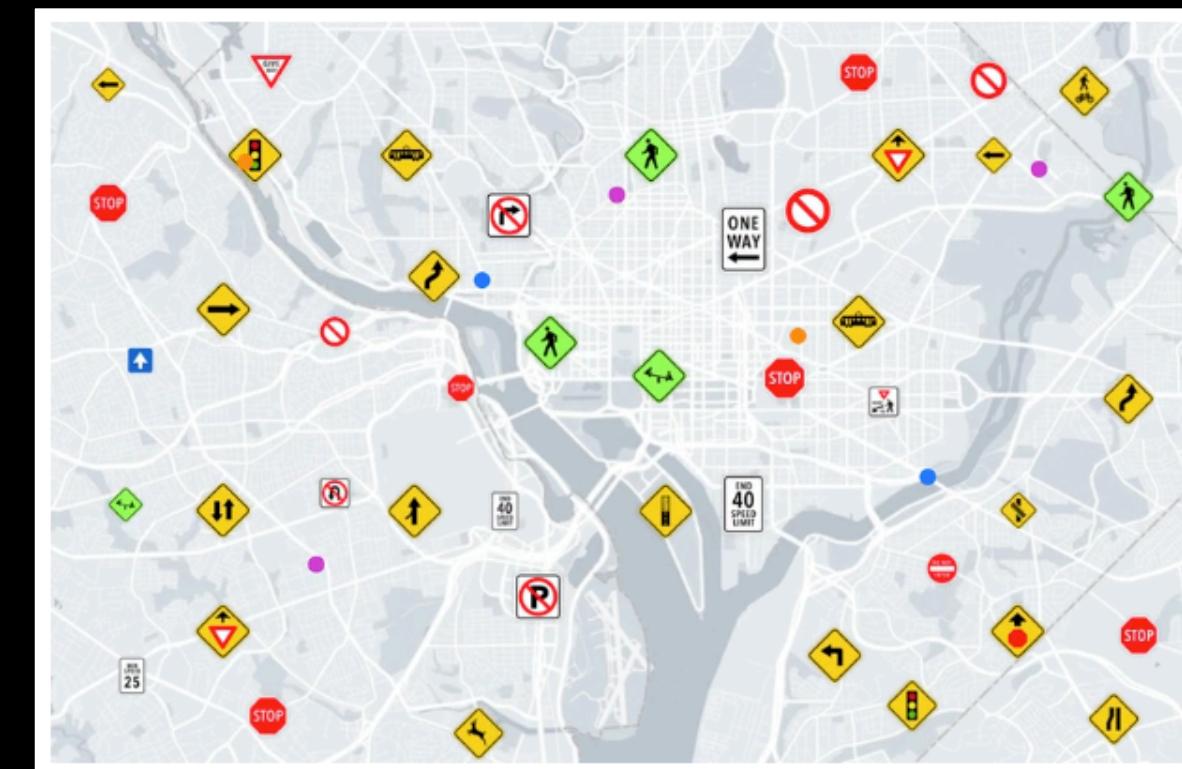


# APIs

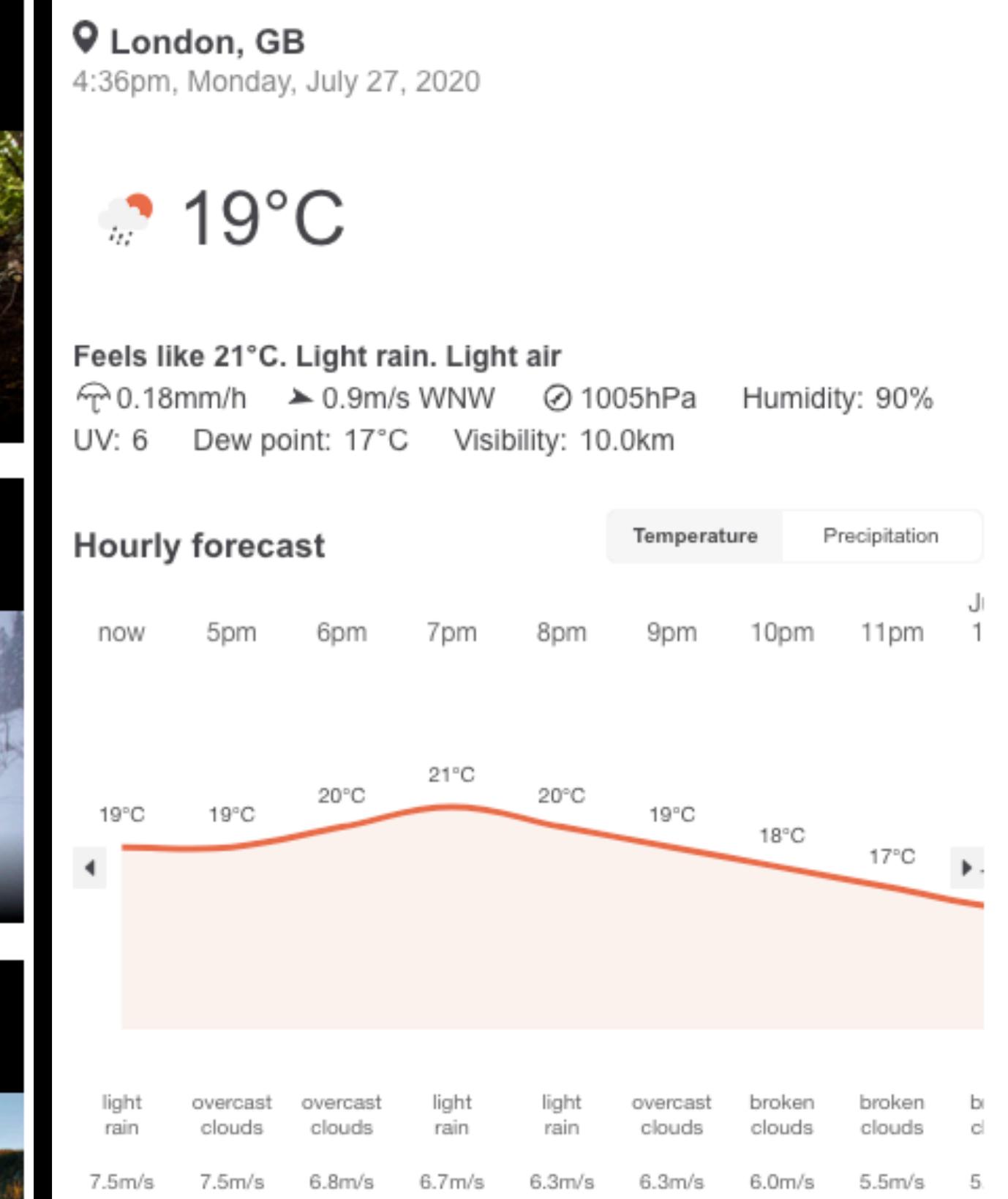
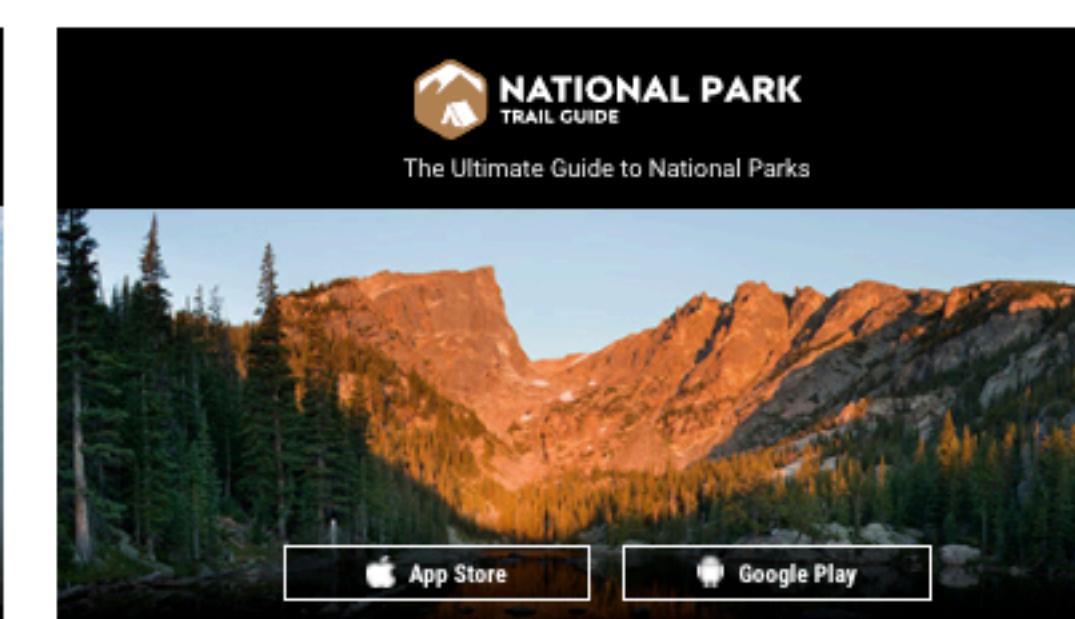
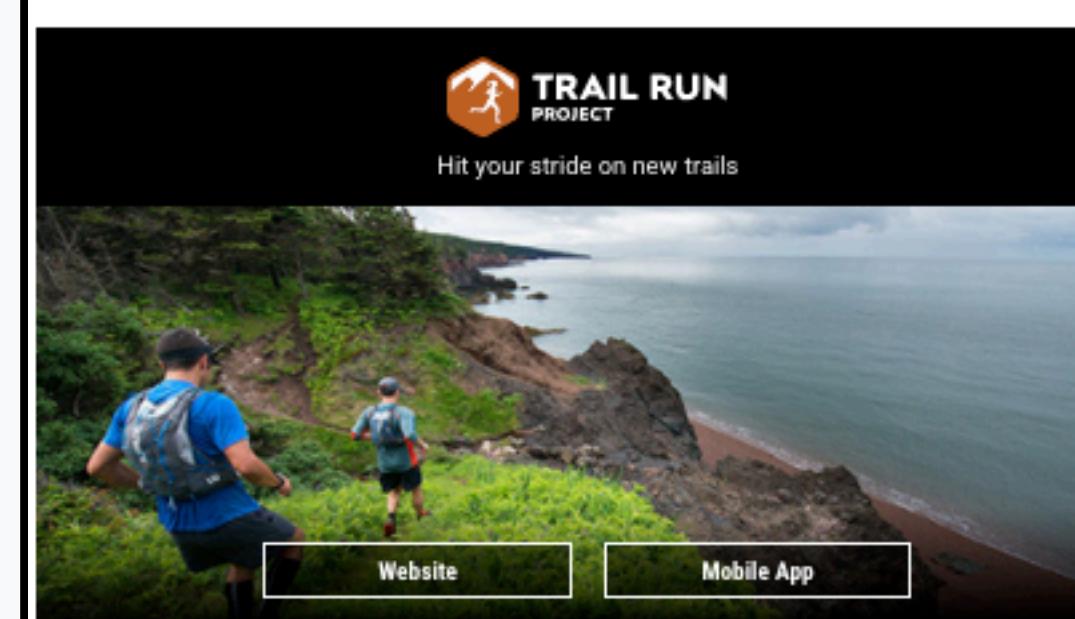
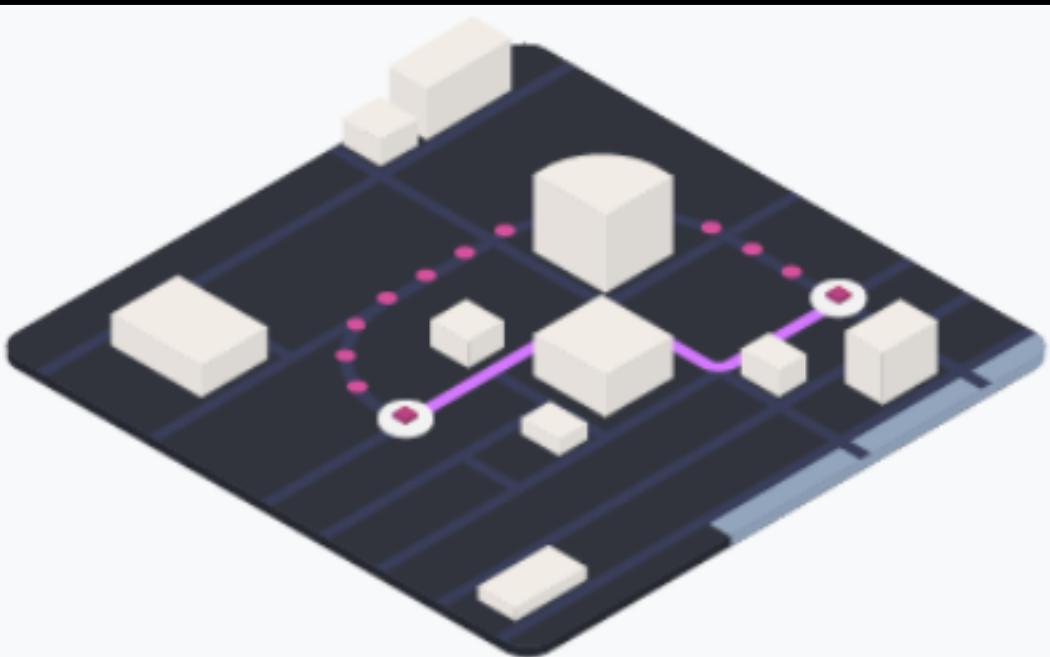
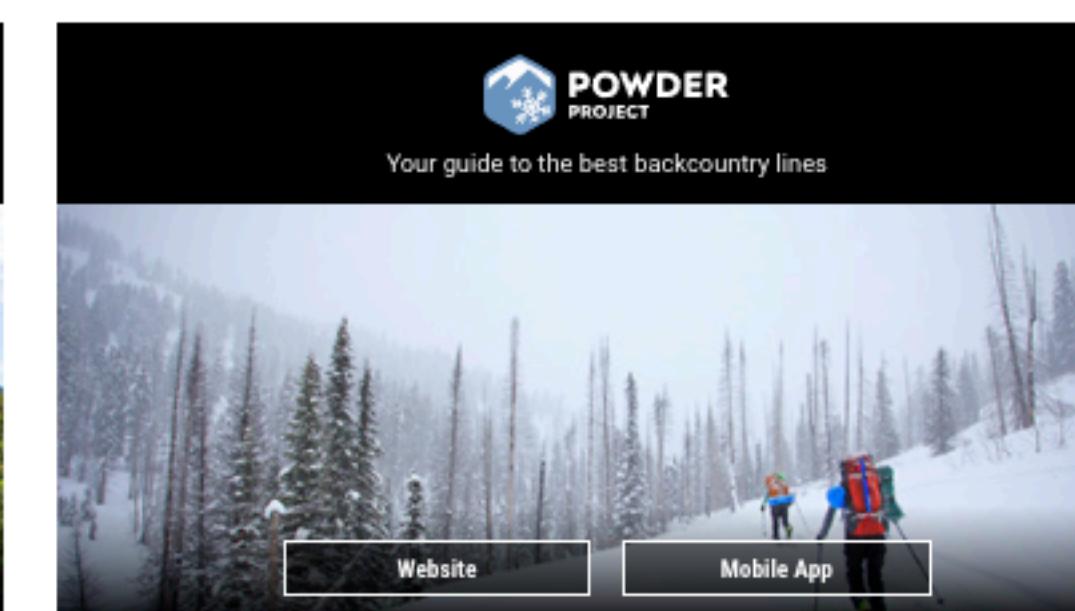
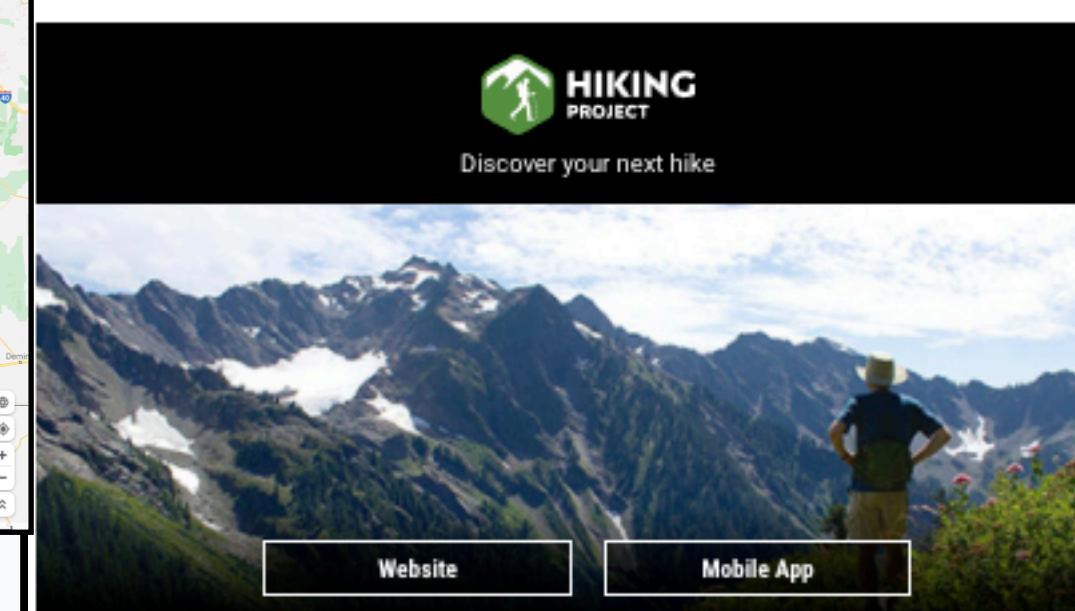
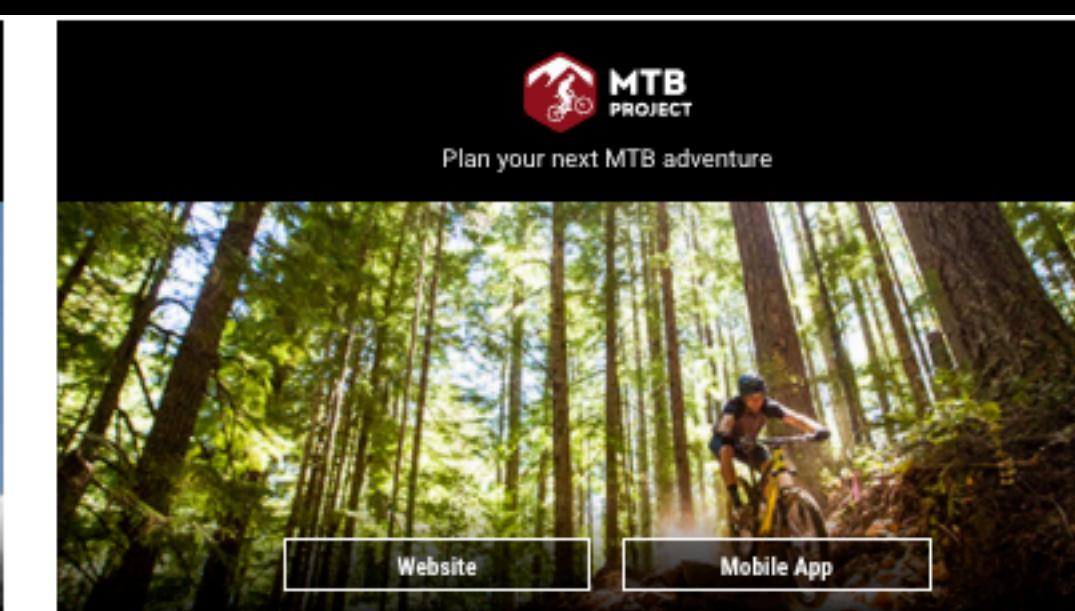
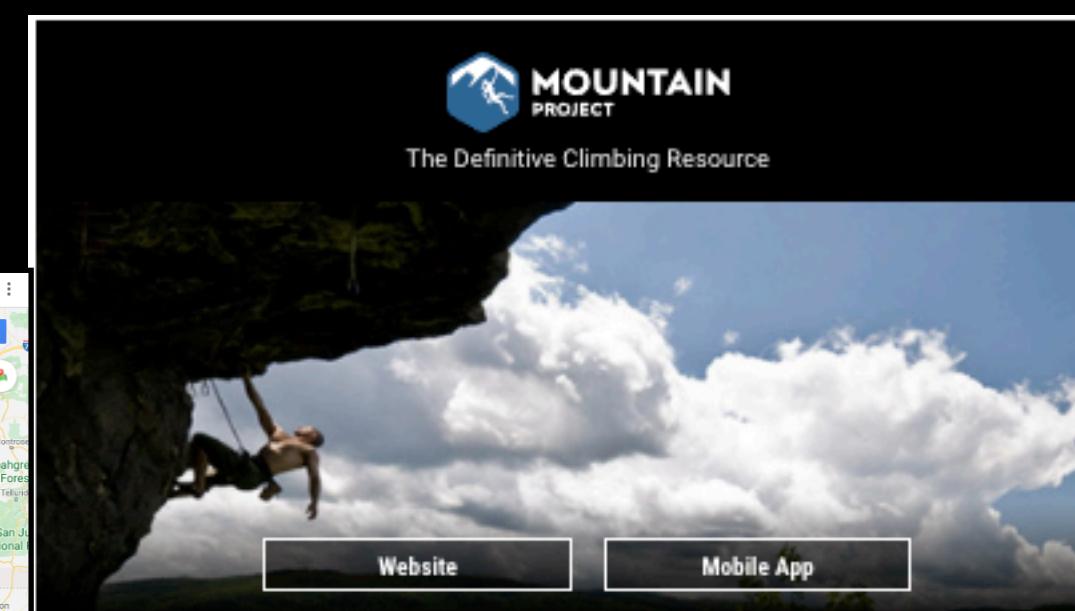
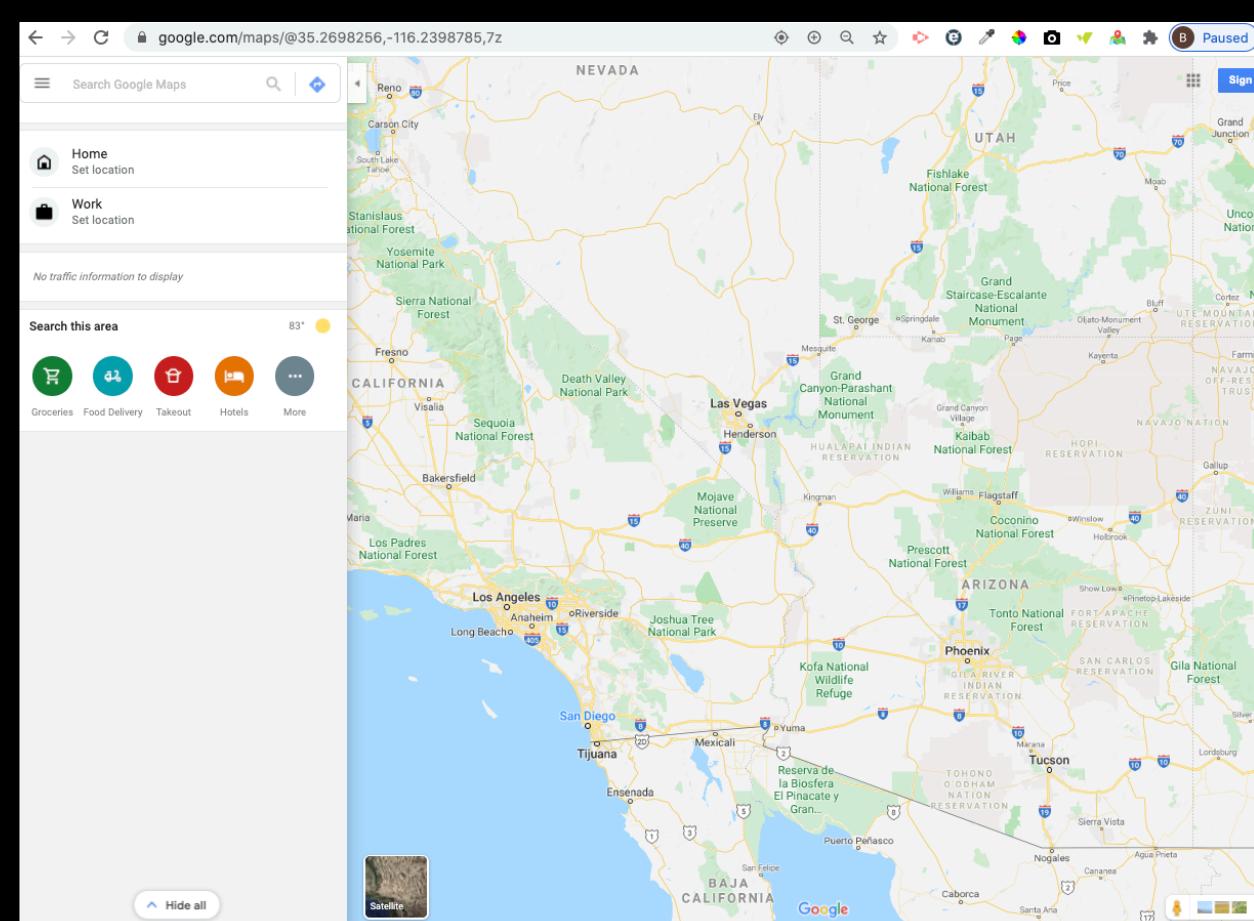
## Transit API



## Mapbox API



## Google Maps & Routes API



# CURRENT STATE

- C# ASP.NET Framework

- APIs working:

- Mountain Project

- Hiking Project

- Open Weather

- MapBox

- APIs needed:

- Google Maps & Routes

- Transit App

- Outdoor APIs/Databases

- Mountain Biking

- Waterfalls

- Hot Springs

- Scenic Overlooks

The screenshot shows a web browser window with multiple tabs open. The active tab displays a dashboard for an adventure app. The main content area features a satellite map of a mountainous region with several green triangle markers indicating hiking trails. To the left of the map is a sidebar with buttons for 'Home', 'User Info', and 'Logout'. Below these buttons is a legend with 'Climbing routes' (blue line) and 'Hiking Trails' (green line), followed by a 'Refresh' button. To the right of the map is a sidebar containing a user profile ('Test', 'John') with a 'submit' button, and a 'Create' button below it. At the bottom of the page is a weather forecast table with columns for Temp, Skies, Wind, Latitude, and Longitude. The table shows current values: Temp 68.74, Skies Clear, Wind 4.59 miles/hour, Latitude 39.98, and Longitude -105.28.

Temp	Skies	Wind	Latitude	Longitude
68.74	Clear	4.59 miles/hour	39.98	-105.28

# FRAMEWORK GOAL

- MERN Stack
- Extras if needed

# DEVELOPMENT NEEDED: MERN STACK

- Front Page
  - CSS
  - Pictures of Dashboard
- Dashboard
  - CSS
  - JS hovers popups & windows
  - API interaction
  - Database & Backend Interaction
- Edit Data Page: Needs to be developed
  - Allows user to select which apis to use
    - Google Maps vs Apple Maps
    - WeatherUnderground vs OpenWeather