

# R map

*Xi Cheng*

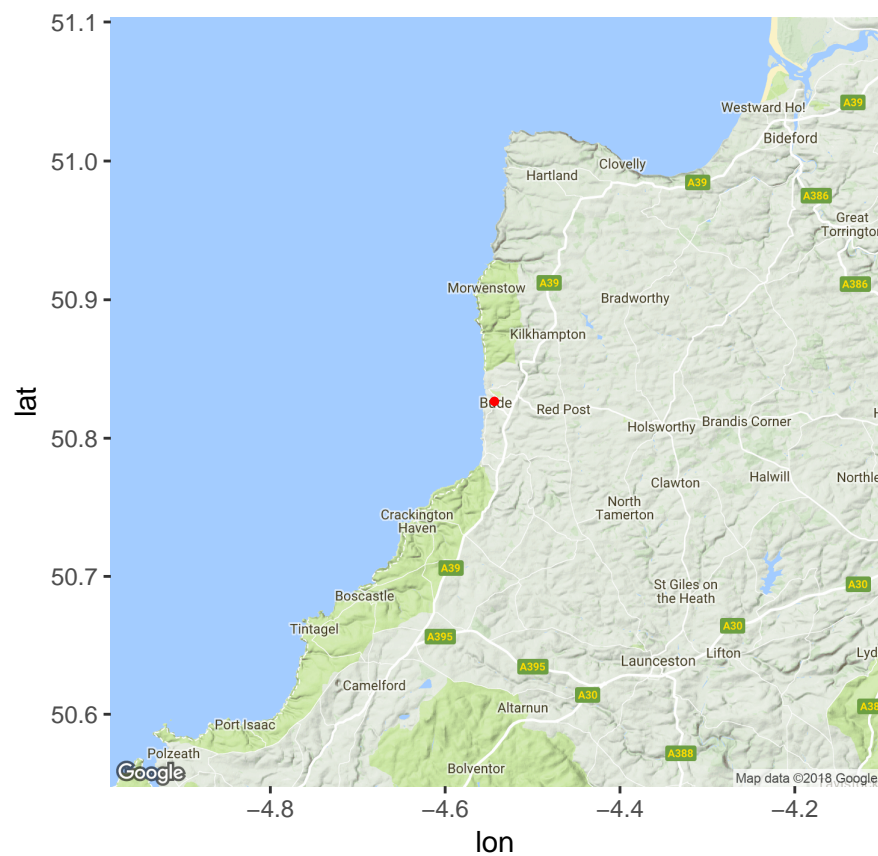
*March 25, 2018*

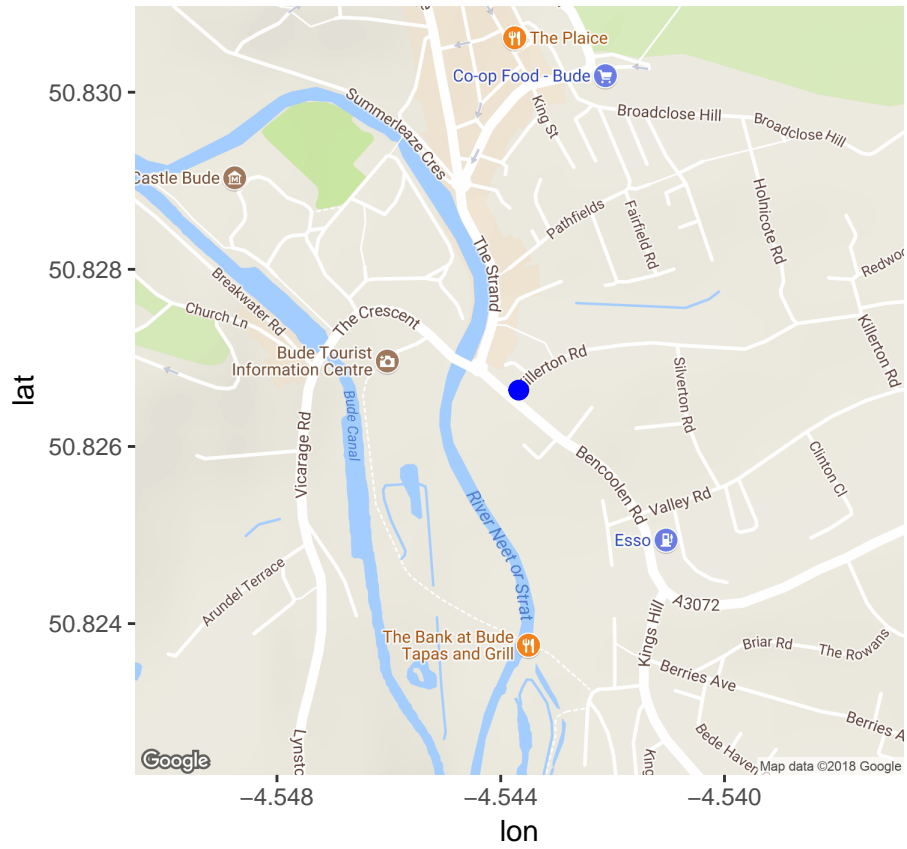
## part1

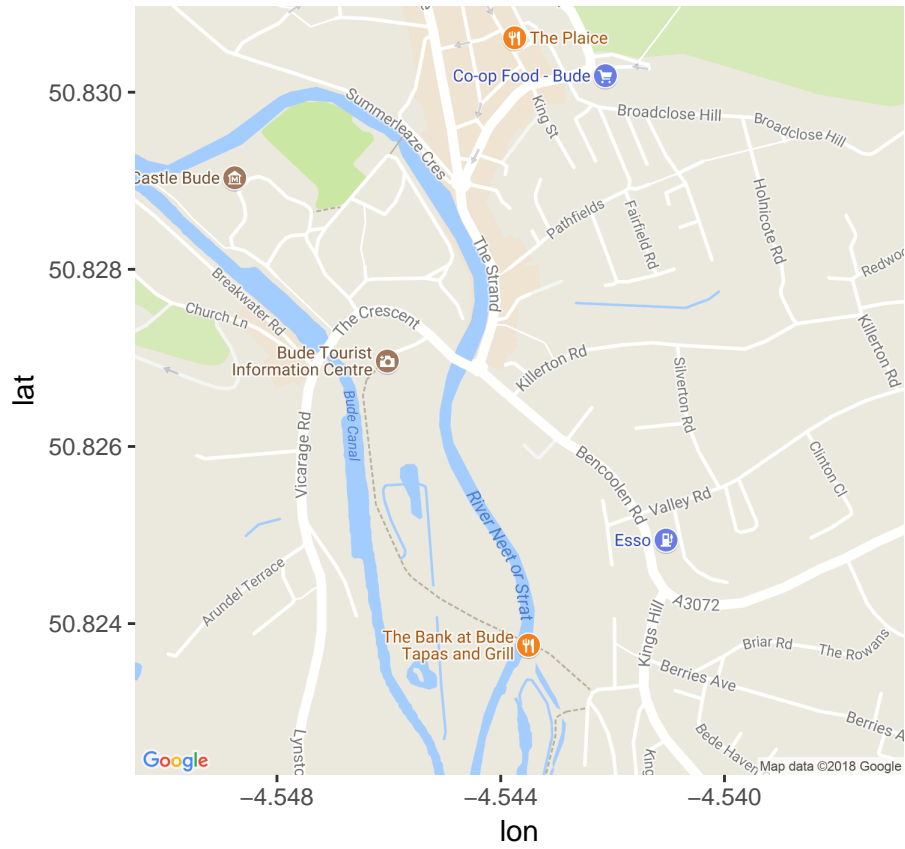
Find the town of Bude in Western England. This is a town that is well-known as a beach resort. Ana here are two maps of Bude - a road map and a watercolor map:

### road map:

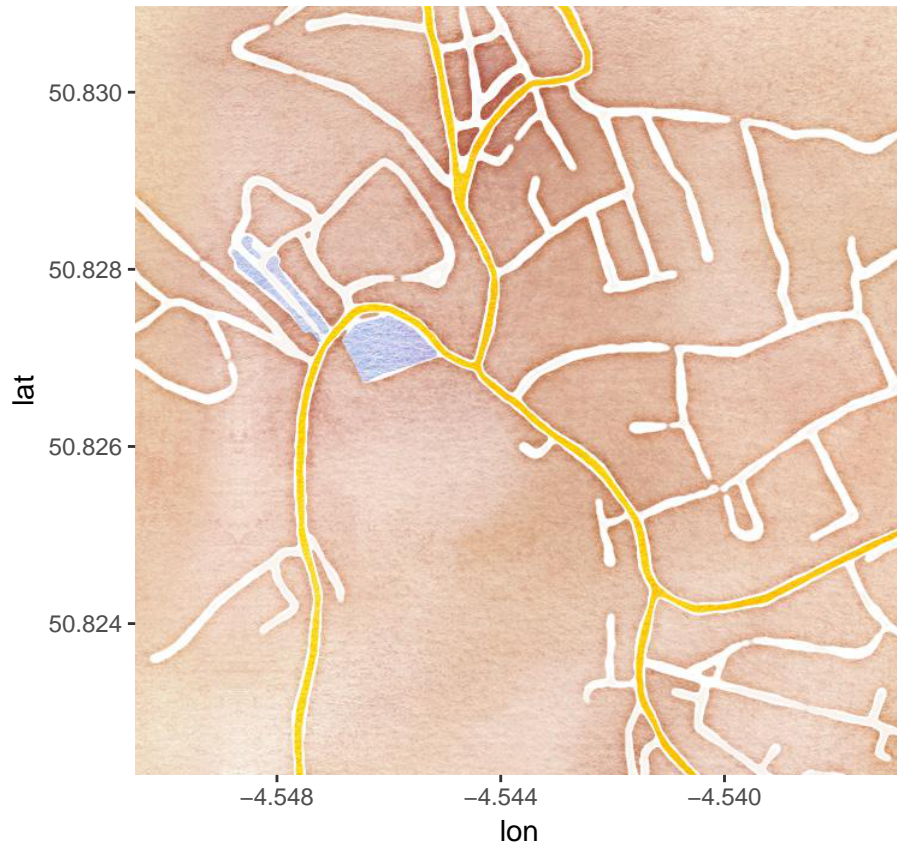
```
## Warning: package 'ggmap' was built under R version 3.4.4
```







watercolor map



## part 2

here is the vacation spots that I might like:

```
## Warning: geocode failed with status OVER_QUERY_LIMIT, location =
## "Breakwater Beach,UK"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "Northcott
## Mouth Beach,UK"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "Sandy
## Mouth Beach,UK"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location =
## "Summerleaze Beach"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "cricket
## grounds,UK"

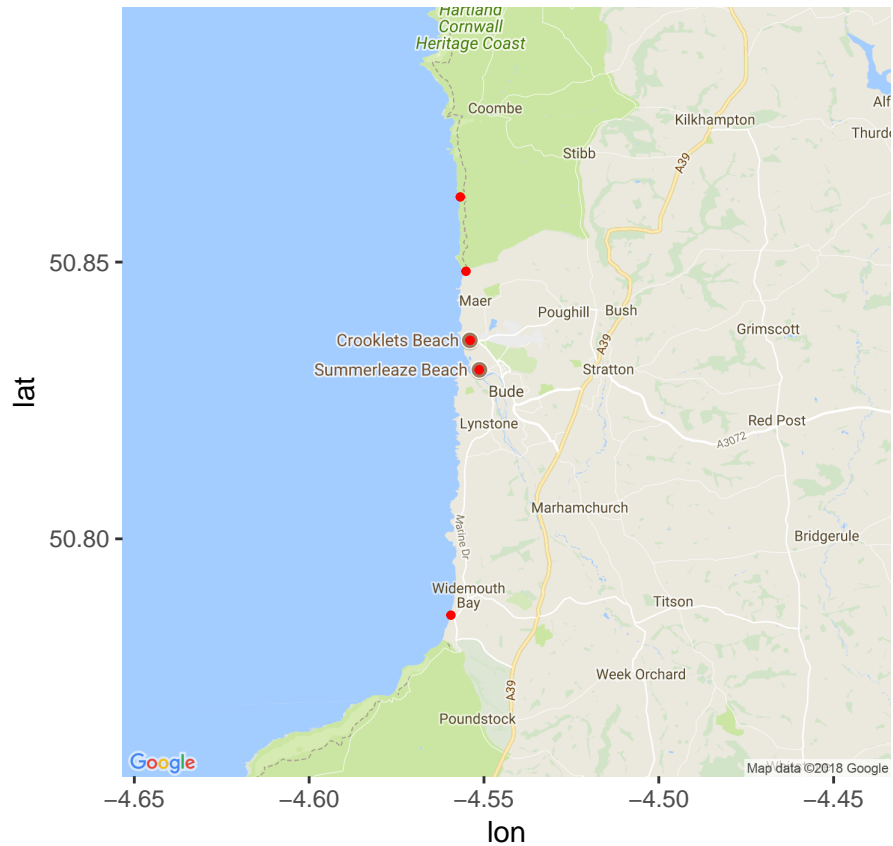
## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "cricket
## grounds,UK"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location =
## "Breakwater Beach,UK"

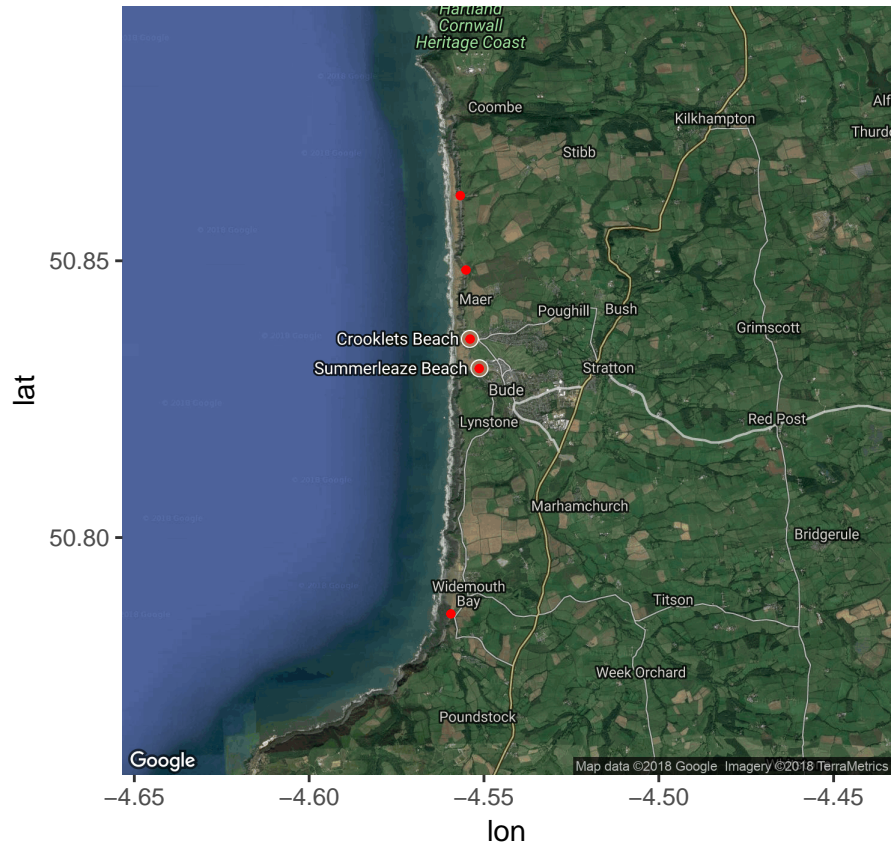
## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "Widemouth
## Beach"

## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "cricket
```

```
## grounds,UK"
## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "Duckpool
## Beach,UK"
## Warning: geocode failed with status OVER_QUERY_LIMIT, location = "cricket
## grounds,UK"
## Warning: Removed 4 rows containing missing values (geom_point).
```



```
## Warning: Removed 4 rows containing missing values (geom_point).
```



And here is the route from the cricket grounds to the pub

