

The Weather History User Accounts

Registering a Free Account

Setting up your free account will give you access to several features not available otherwise. You can save your favorite stations and reports and quickly go to them, you can set up a forecast to be emailed to you each day based on a zip code, and you can enter your own data stations and upload your own data sets to them.

To set up your free account, simply click on the [Create An Account](#) button from the sites main page:

There are 16,150,691 daily observations from 873 stations covering data as of November 26, 2021. The average station has 55.2 years of data with 18,500 observations that are 91.4% complete.

Select A State

Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

Daily Weather Records

To see the daily records that were broken on any particular day, just click on the calendar date you wish to see a report for. This data is not inclusive of all cities, but just from the stations and cities that are tracked on this site and that meet the criteria for determining record values. This data is subject to change as it gets finalized, which can take a couple months for some stations.

November 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25		

October 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

After clicking on the [Create An Account](#) button a window will pop up and ask for your account details. Please fill in all the information, a valid email address is required if you wish to subscribe to the daily weather forecasts or need to ask for a forgotten password. The captcha form is a necessary evil to keep automated scanning programs from creating a bunch of junk accounts. Just enter the letters and numbers you can see and click on [Sign Me Up!](#)

The Weather History Reporter

Register For A Free Account

Your name: *Enter your full name.*

Your Email: *You will need a valid email address to in case you forget your password.*

Your Login: *Your login can only include letters and numbers, no spaces or other characters are allowed.*

Password: Repeat:

Enter the Captcha Text **B 8 V 5 R 2**

If everything was accepted, an account will be created for you and bring you to your personal dashboard page.

The User Dashboard

Your personal dashboard will look like this one, except when you first sign up everything will be empty.

Mike Krejci Favorites Weather Reporter Your Data Settings Logoff

Your Selected Favorites

Ed's Favorites **Oregon**

Washington
 Montana, Helena (Helena Regional Airport)
 Oregon, Portland (Portland International Airport)

Montana, Butte (Bart Mooney Airport)
 Oregon, Government Camp
 Oregon, Troutdale (Portland-Troutdale Airport)

Forecast Subscription

Zipcode: Send time:

Simple Forecast
 Detailed Forecast
 Forecast Discussion

Washougal, WA 98671

Your Stations

Station Code	Name	City, State	Lat, Long	Elevation
USER0000001036	Talkeetna Airport	Talkeetna, Alaska	62.320, -150.095	350 ft
USER000000102F		Dardanelle, Arkansas	35.234, -93.168	370 ft
USER0000001010		Big Bear Lake, California	34.243, -116.917	6753 ft
USER0000001029	Death Valley National Park	Furnace Creek, California	36.463, -116.867	-194 ft
USER0000001027		McCloud, California	41.252, -122.138	3233 ft
USER0000001028		Mount Shasta, California	41.322, -122.318	3613 ft
USER0000001026	Newport Harbor	Newport Beach, California	33.603, -117.884	10 ft
USER0000001025	Zamparelli Field Airport	Torrance, California	33.802, -118.342	90 ft
USER000000102D	Watsonville Waterworks	Watsonville, California	36.931, -121.769	95 ft
USER0000001013		Crested Butte, Colorado	38.874, -106.977	8867 ft
USER000000102E	Miami Homestead General Aviation Airport	Homestead, Florida	25.501, -80.550	9 ft
USER000000101F		Carrollton, Georgia	33.597, -85.081	995 ft

Your dashboard will hold a list of any favorite places or reports you have set. [Edit Favorites](#) will allow you to rename them to any custom name you wish to give them and allow you to delete ones you no longer desire. Below that will be your Forecast Subscription information if you have set that up. This will allow you to enter a zip code, a sending time, and the forecasts you wish to receive. The sending time is for pacific standard time. Finally, you will then see a list of any personal stations you have adding along with the ability to add new stations.

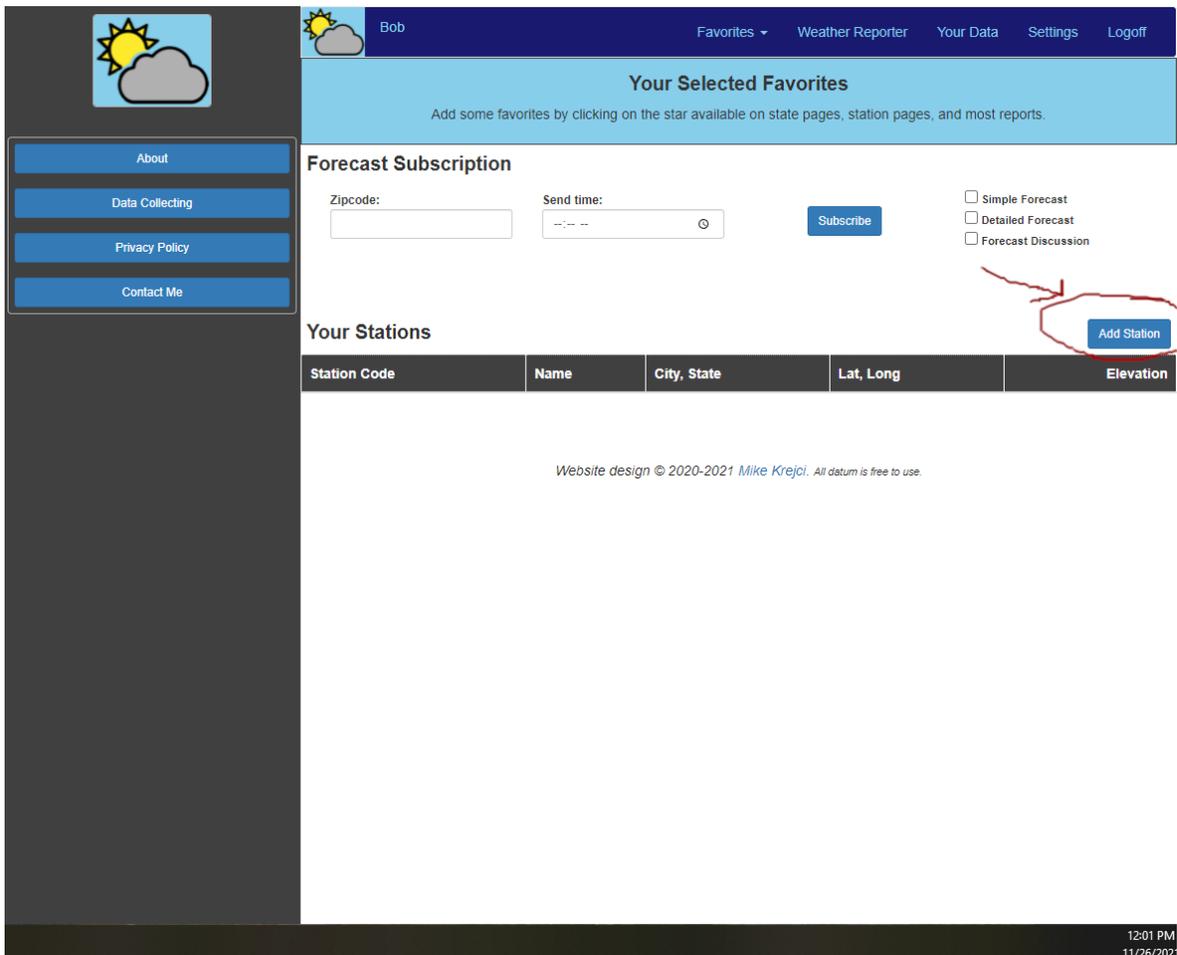
More features are still under development for your personal dashboard.

Setting Up an Automated Daily Forecast Email

To be documented still.

Adding a Personal Station

After you have logged on, to add a personal station, simple click on the [Add Station](#) button on your dashboard page.



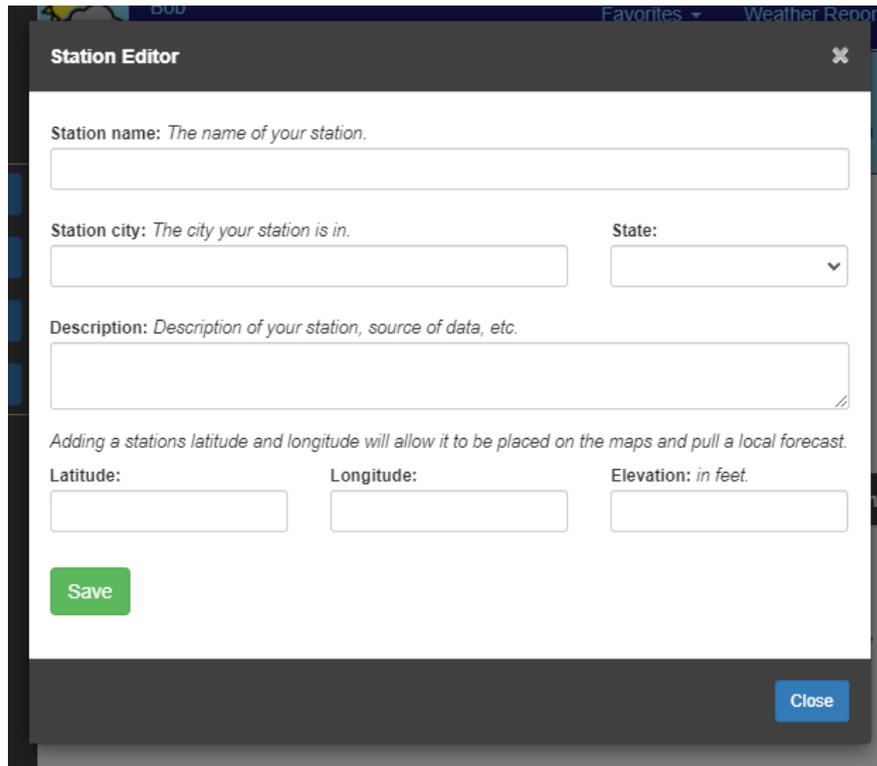
The screenshot shows a user dashboard for 'Bob'. The top navigation bar includes 'Favorites', 'Weather Reporter', 'Your Data', 'Settings', and 'Logoff'. Below this is a section for 'Your Selected Favorites' with a prompt to add favorites. The 'Forecast Subscription' section contains a 'Zipcode' input field, a 'Send time' dropdown menu, a 'Subscribe' button, and three checkboxes: 'Simple Forecast', 'Detailed Forecast', and 'Forecast Discussion'. The 'Your Stations' section features a table with columns for 'Station Code', 'Name', 'City, State', 'Lat, Long', and 'Elevation'. A red circle highlights the 'Add Station' button in the top right corner of the 'Your Stations' section. A footer at the bottom right shows the time '12:01 PM' and the date '11/26/2021'.

Station Code	Name	City, State	Lat, Long	Elevation
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Website design © 2020-2021 Mike Krejci. All datum is free to use.

12:01 PM
11/26/2021

This will bring up a form to enter the station information:

A screenshot of a web browser window showing a 'Station Editor' form. The form has a dark header with the title 'Station Editor' and a close button. Below the header, there are several input fields: 'Station name: The name of your station.' with a text box; 'Station city: The city your station is in.' with a text box and 'State:' with a dropdown menu; 'Description: Description of your station, source of data, etc.' with a larger text area; and 'Latitude:', 'Longitude:', and 'Elevation: in feet.' each with a text box. A green 'Save' button is located at the bottom left, and a blue 'Close' button is at the bottom right. A note above the latitude/longitude fields reads: 'Adding a stations latitude and longitude will allow it to be placed on the maps and pull a local forecast.'

The only required information for a station is the city and state, everything else is optional. However, the more information you can give, the more useful it will be for other users that wish to view your data. While the latitude and longitude are not required, without that information your station will not display on the map for the state it is in. If you don't know your latitude and longitude you can open google maps and click on the location of your station and it will then give you the latitude and longitude for the place you clicked.

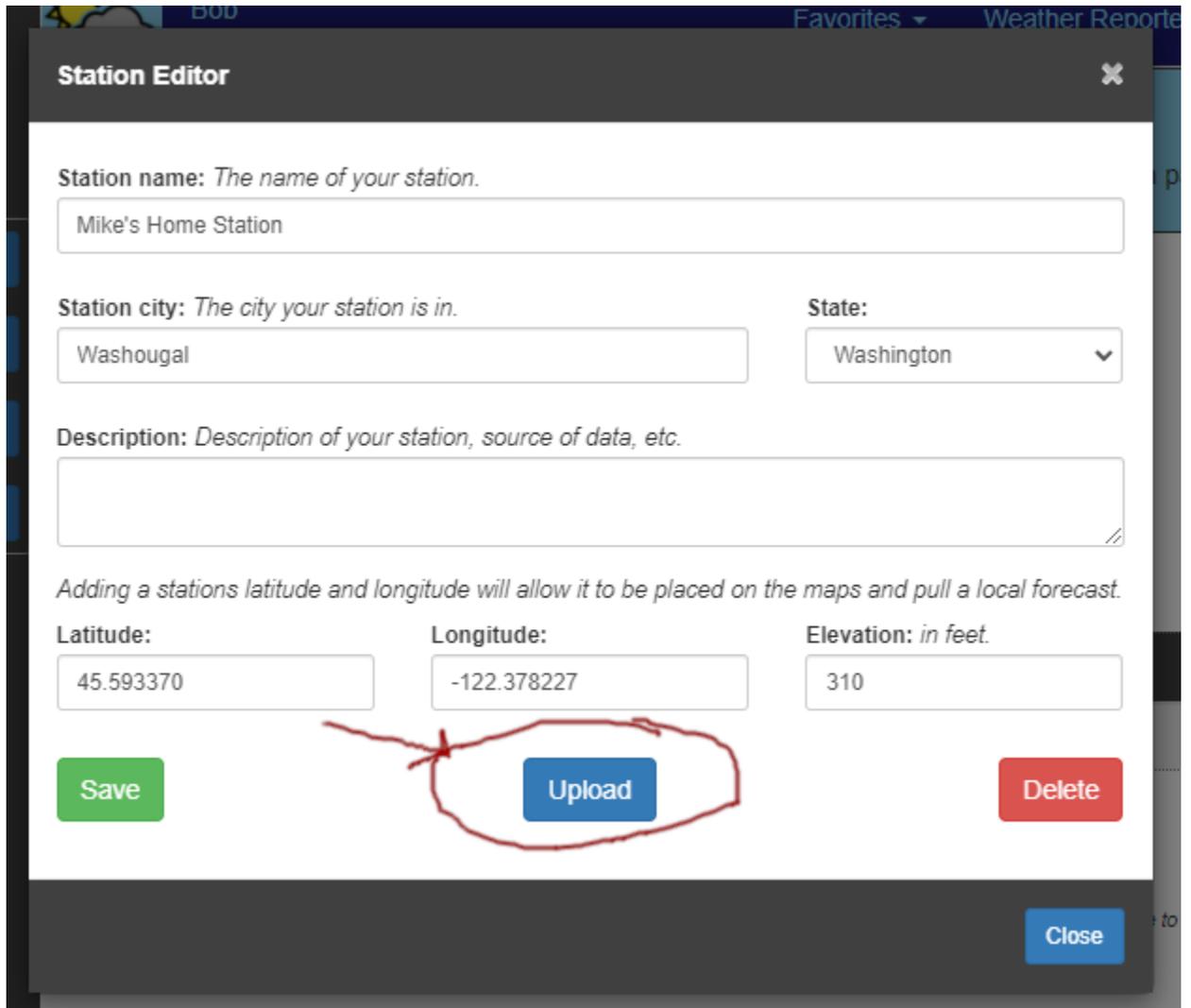
Once you have entered in all the information simply click [Save](#) and your station is now available and ready for you to upload your data.

Uploading Data to Your Personal Station

Currently, the only way to update your station's data is to upload a csv file with a row for each day of data you have. This file needs to always have the complete set of records as it will delete all your old data and reload it from the new upload. In the future I will be working on a data update rather than replace and allow you to manually enter and correct specific data via a form from the website, but this feature is not yet available.

To upload data to your station, simple click on your station from your dashboard and an edit form will pop up with your station's information. You will then notice an [Upload](#) button, click this, and select your csv file (format described below). If this is the first time you have uploaded a file a field mapping form will come up and you may select what columns map to what data

points. After your first upload for your station, the mapping will not come up again and the file will immediately be queued to process. In the future a mapping editor will be made available, but for now, if you need to remap your data fields, please email me and I can manually delete the map, allowing for it to reset when you upload the next file.



Station Editor ✕

Station name: *The name of your station.*

Station city: *The city your station is in.* **State:** ▾

Description: *Description of your station, source of data, etc.*

Adding a stations latitude and longitude will allow it to be placed on the maps and pull a local forecast.

Latitude: **Longitude:** **Elevation:** *in feet.*

The File Format:

Your data needs to be in a csv file with the first row being the list of data columns available, or header as it's called. Then you may have one row for each date you have a record for. Here is a simple example:

date	precip	snowfall	snow_depth	max_temp	min_temp
11/15/2021	0.5	2.5		33	23
11/16/2021	0		2.2	43	22
11/17/2021	T		1.8	48	36
11/18/2021	1.33			54	44

As noted above, when you upload a file to a station for the first time you will be given a list of all the fields you have in your file header and then a drop down for each one to select what data that column header represents. If a column has data that is not yet supported on the site, you will simply leave the default selection or set Not Used. The only other required column is one that maps to the Observation Date, without a date your data will not be saved. At this time, there are 19 specific data points you can enter and map to that will be able to be stored on the site, these 19 specific data points are as follows:

- High Temperature
- High Temperature Time
- Low Temperature
- Low Temperature Time
- Precipitation
- Snowfall
- Snow Depth
- Heating Days
- Cooling Days
- Max Wind Speed
- Max Wind Speed Direction
- Max Wind Gust
- Max Wind Gust Direction
- Average Wind Speed
- Highest Humidity
- Highest Humidity Time
- Lowest Humidity
- Lowest Humidity Time
- Average Humidity

For the example file listed above, the filled-out mapping form would look like this.

The Weather History Reporter

In order to process the file you uploaded it's necessary to map your data headers with what fields they need to be saved in. Below is a list of all the fields that have not been mapped yet:

date:

precip:

snowfall:

snow_depth:

max_temp:

min_temp:

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After you click on *Save and Process File* it will be placed in a queue to process. Depending on how many other files are on the queue it should process anywhere from a few minutes to a couple hours.

Any queued files pending processing will be listed on your dashboard as follows:

Bob Favorites Weather Reporter Your Data Settings Logoff

Your Selected Favorites

Add some favorites by clicking on the star available on state pages, station pages, and most reports.

Forecast Subscription

Zipcode: Send time: Simple Forecast Detailed Forecast Forecast Discussion

4 Stations

Station Code	Name	City, State	Lat, Long	Elevation
USER000000B000	Mike's Home Station	Washougal, Washington	45.593, -122.378	310 ft

1 files are queued:
Sample.csv

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User Settings

To be documented still.