

# The NID Weather Station

<https://www.wunderground.com/dashboard/pws/KCAGRASS103>

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Nevada County Master Gardener

February 2023



**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources

■ UC Master Gardener Program

Keep an eye on  
the weather at  
the Nevada  
County Master  
Gardener  
Demonstration  
Garden

- See current temperature, wind, amount of rainfall
- Review conditions during the past week or month and look at a 10-day forecast
- View the weather station website from your home or anywhere

## Two ways to use Weather Underground to find personal weather station information

1. Use the interactive WunderMap to locate available stations
2. Go directly to the NID weather station information via a saved link on your computer or phone

Find the Wundermap at <https://www.wunderground.com>

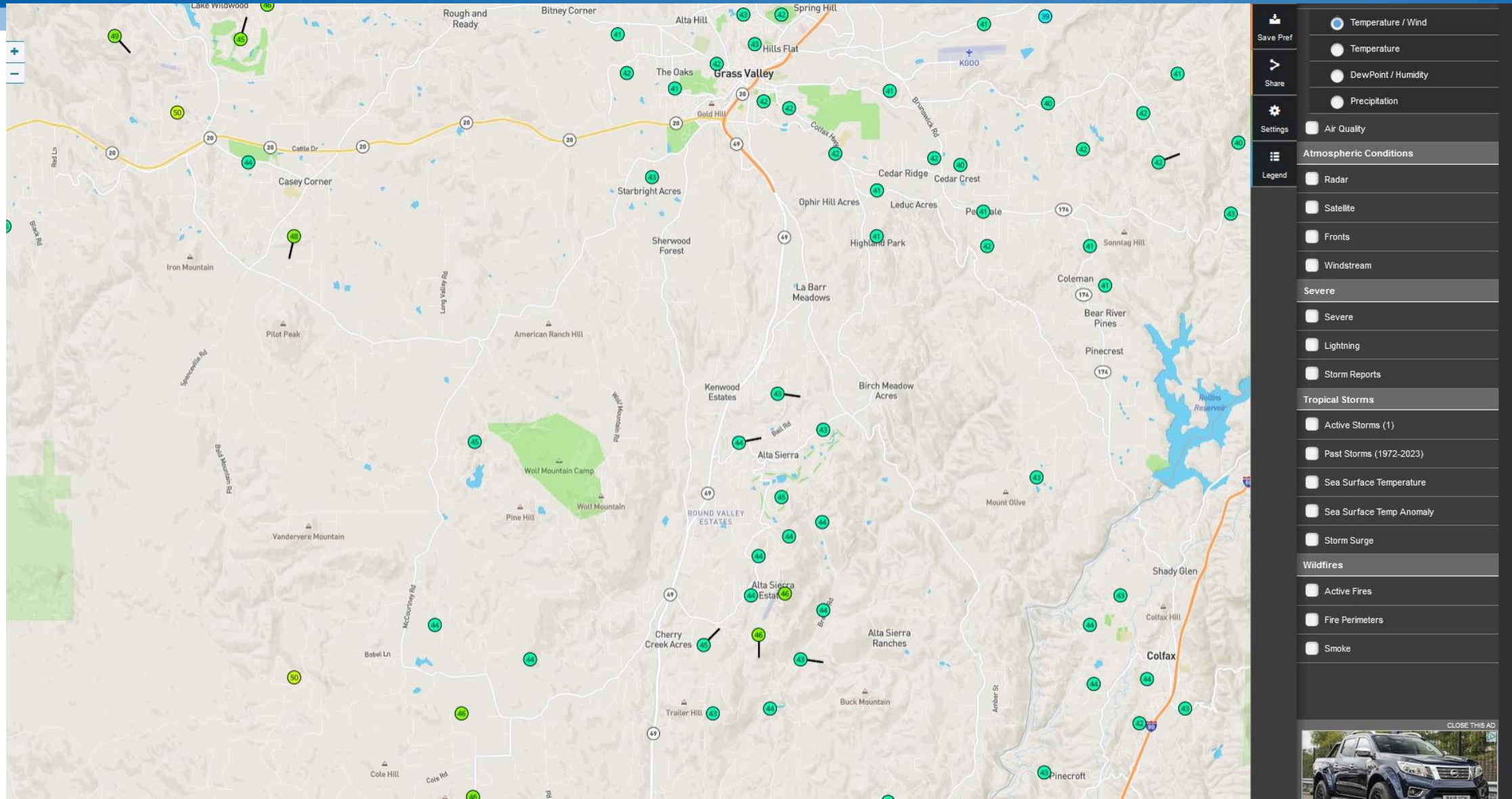
The screenshot shows the Weather Underground website interface. The top navigation bar includes 'Sensor Network', 'Maps & Radar' (circled in orange), 'Severe Weather', 'News & Blogs', 'Mobile Apps', and 'More'. A search bar for 'Search Locations' and 'Log in | Join' with a settings icon are on the right. On the left, there's a 'Recent Cities' section with 'Grass Valley, CA (95945)' and 'Grass Valley, CA (95945)'. The main content area shows a weather forecast for 'Grass Valley, CA' with a current temperature of 40°F and 'Feels like 35°F'. A dropdown menu is open under 'Maps & Radar', listing 'WunderMap', 'Interactive Radar', 'Interactive Satellite', 'Radar Maps', and 'Full Maps Catalog'. An orange arrow points from the 'Grass Valley, CA (95945)' link to the 'WunderMap' option. The forecast below shows temperatures for Jan 5 and Jan 6: 40°, 41°, 40°, 42°, 47°, 50°, 44°, 44°, and -/-°.

The advertisement features the Target logo and the text 'Low prices & great deals for every resolution'. It offers '30% off All In Motion activewear for men & women' and 'Up to 20% off All In Motion fitness equipment & hydration'. The ad includes images of a woman in a green sports bra and leggings, and a man in a blue hoodie. The text 'AdChoices' is visible in the top right corner.



Powerful California Storm: 2 Dead, Thousands Without Power, Parade Of Storms Has Just Begun

<https://www.wunderground.com/wundermap>



# Zoom and drag to navigate on the map

- On the right side, **filter the information** you want, such as “Temperature/Wind”

You can click on “**Save Pref**” to keep your choices

- Use + and – in the upper left corner of the map to **zoom in and out** or you can use your scroll wheel

Street names become visible as you zoom in

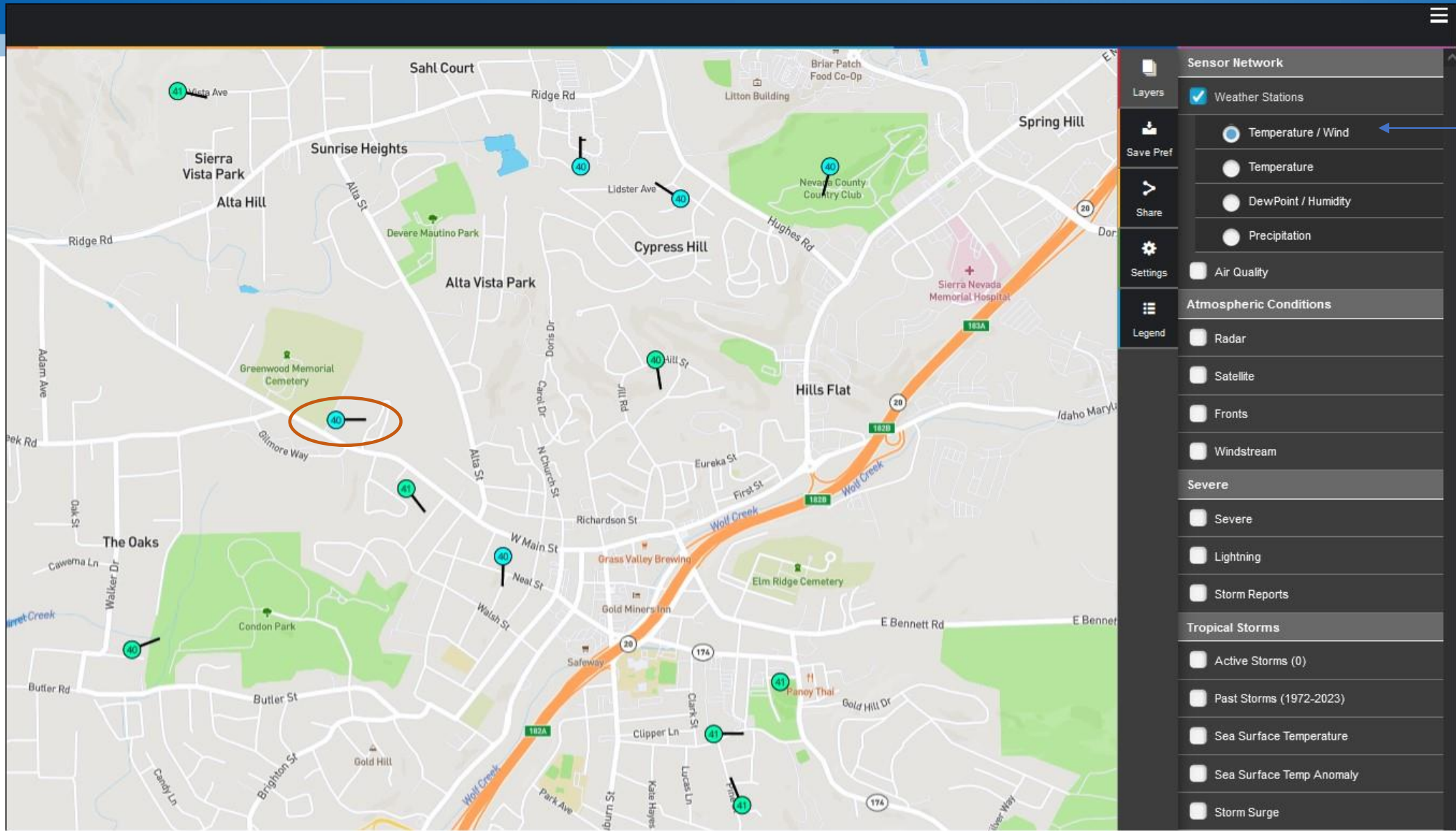
- **Click and drag the map** with your mouse to find the location you want

A **green circle indicates a weather station**: the numbers show current temperature there; the black lines indicate wind direction and strength

- **Click on a circle** to view that weather station’s ID and synopsis of current conditions



# Click on the symbol for the NID station



Note filters

# View the weather summary

**NID Business Center** ✕

Station ID: [KCAGRASS103](#) Lat: 39.22 Lon: -121.07

Current Graph

**43°**

Feels like 43

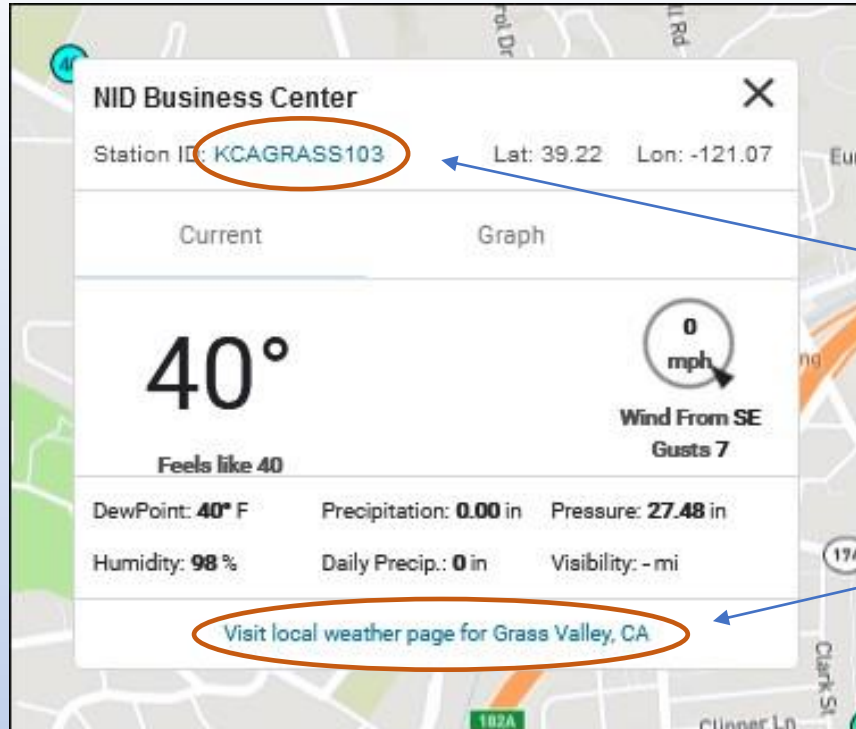
Wind From **NNE**  
Gusts **3**

DewPoint: **38° F**    Precipitation: **0.00 in**    Pressure: **27.60 in**  
Humidity: **82 %**    Daily Precip.: **0 in**    Visibility: **- mi**

[Visit local weather page for Grass Valley, CA](#)

**Save Pref**  Temperatur  
**Share**  Temperatur  
**Settings**  DewPoint /  
 Precipitatio  
 Air Quality  
**Legend** **Atmospheric Condit**  
 Radar  
 Satellite  
 Fronts  
 Windstream  
**Severe**  
 Severe  
 Lightning  
 Storm Reports  
**Tropical Storms**  
 Active Storms (0)

# For more information



You can find weather information in depth:

Click on the **Station ID** to go to the station website

Click on the bottom line to see the local **weather page for Grass Valley**

# The NID personal weather station

- The **NID Station ID is KCAGRASS103**
- The next slides feature some of the information that is found on the NID weather station website

Elev 2611 ft, 39.22 °N, 121.07 °W

# NID Business Center - KCAGRASS103

FORECAST FOR GRASS VALLEY, CA

## Station Summary

● Online(updated 3 seconds ago)

### CURRENT CONDITIONS

**44.6** °F

Feels Like 44.6 °



WIND & GUST  
1.9 / 3.0 mph

DEWPOINT  
38.0 ° F

PRECIP RATE  
0.00 in/hr

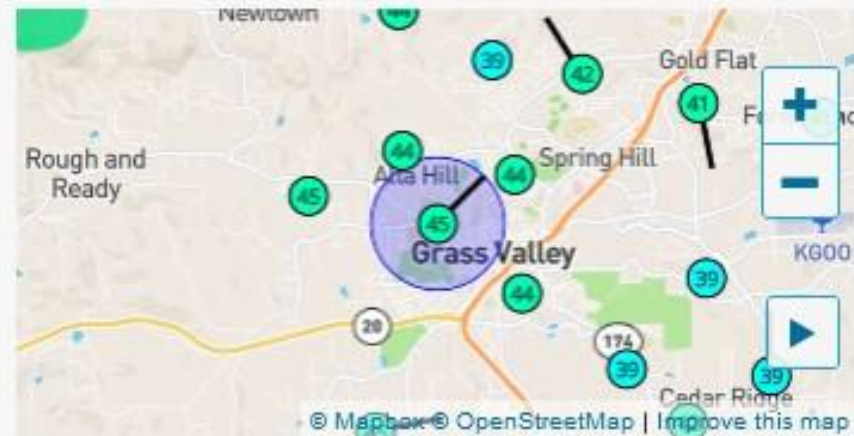
PRESSURE  
27.60 in

HUMIDITY  
78 %

PRECIP ACCUM  
0.00 in

UV  
--

### MAP



PWS CURRENT CONDITIONS

# PWS CURRENT CONDITIONS

TEMPERATURE



DEWPOINT

38.0 °F

HUMIDITY

84 %

WIND



WIND

FROM

NW

GUST

3.0 mph

PRESSURE



CURRENT

27.48 In

PRECIPITATION



PRECIP

RATE

0.00 in/hr

PRECIP

TOTAL

0.00 in

UV



# Weather History for KCAGRASS103



Previous

Weekly Mode

January

8

2023

View

Next



## Summary

January 2, 2023 - January 8, 2023

	High	Low	Average
Temperature	55.4 °F	31.3 °F	42.6 °F
Dew Point	47.0 °F	21.0 °F	37.0 °F
Humidity	98 %	45 %	82 %
Precipitation	4.59 in	—	—

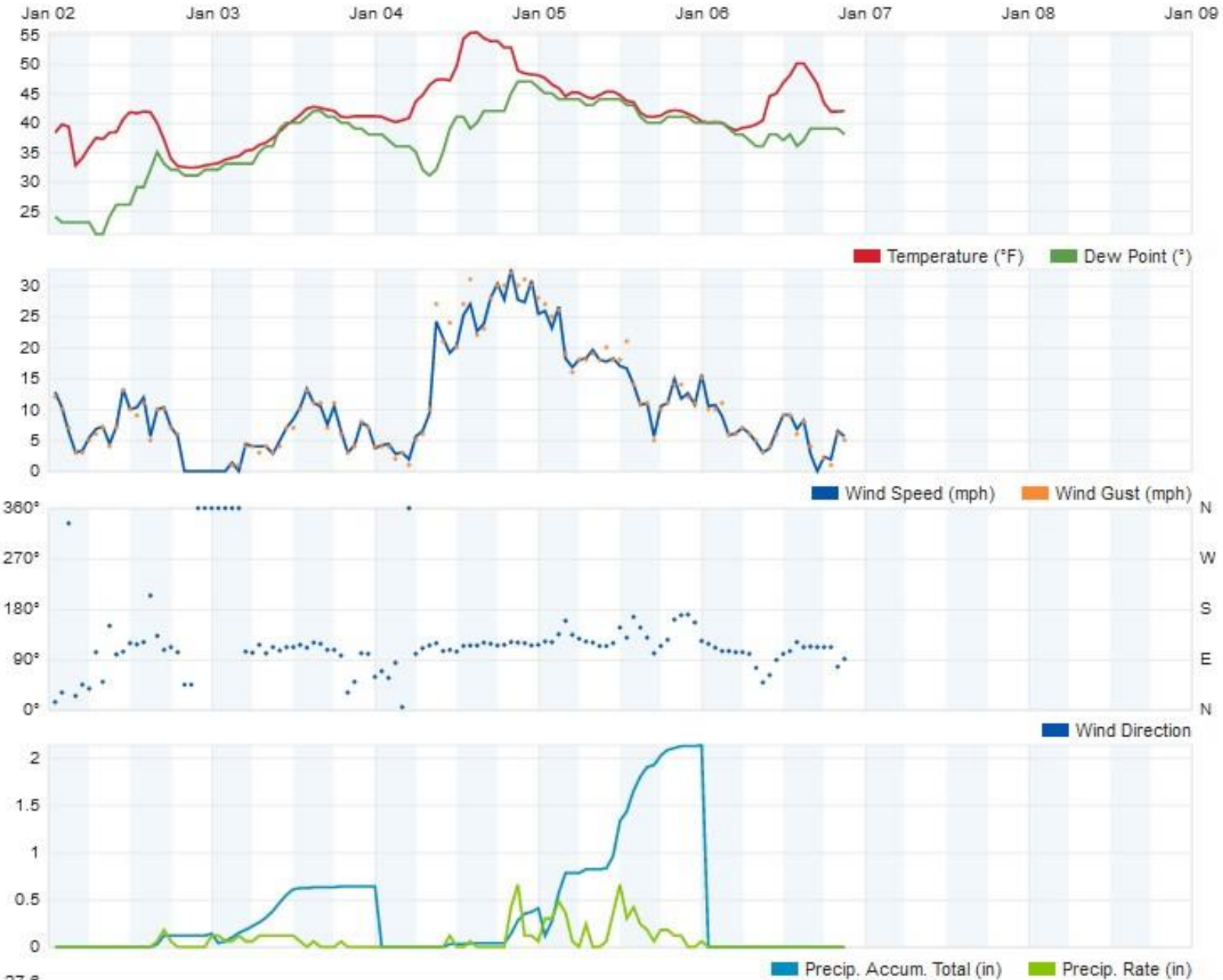
	High	Low	Average
Wind Speed	33.1 mph	0.0 mph	3.2 mph
Wind Gust	35.0 mph	—	8.2 mph
Wind Direction	—	—	ESE
Pressure	27.60 in	27.00 in	—

- In the History section, select **Daily, Weekly or Monthly Mode**, then **click on View**
- Note the total precipitation in the lower left

Graph

Table

### January 2, 2023 - January 8, 2023



## Station information:

Locate the **black information circle** at the top of the page next to the Station ID

A **single click** on the black circle brings up a description of the weather station

The screenshot shows a weather station interface for 'Business Center - KCAGRASS103' located in Grass Valley, CA. The station ID 'KCAGRASS103' is highlighted with a blue box, and a black information circle next to it is also highlighted with an orange circle. A pop-up window titled 'Personal Weather Station Info' is open, displaying the following details:

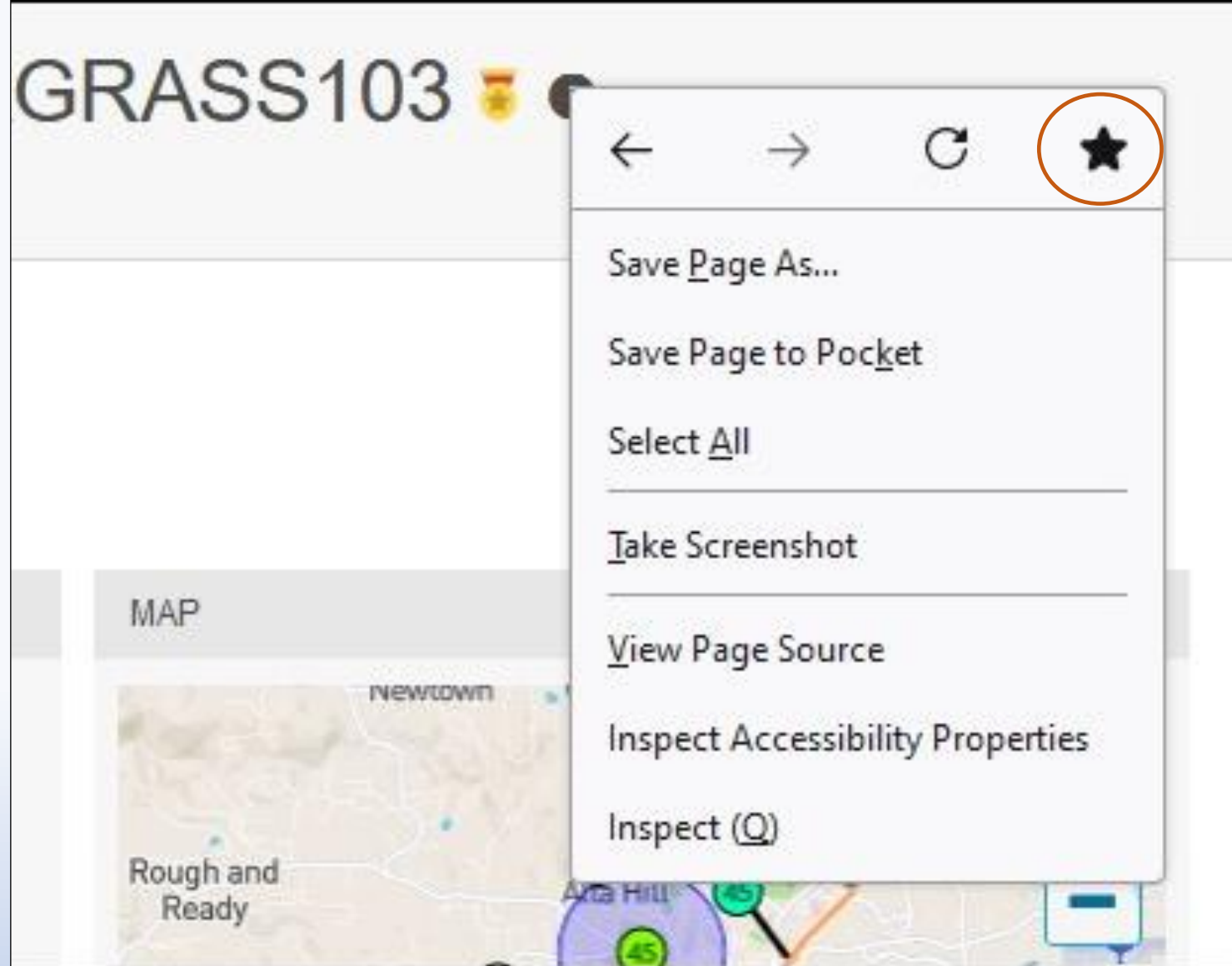
- Weather Station ID: KCAGRASS103
- Station Name: NID Business Center
- Latitude / Longitude: 39.223° N, 121.073° W
- Elevation: 2611
- City: Grass Valley
- State: CA
- Hardware: Rainwise MK-III
- Software: Rainwise IP-100

The background interface shows a temperature of 70.8 °F, a wind speed of 4.4 / 3.0 mph, and a pressure of 27.51 in. The station is located at 39.22 °N, 121.07 °W.



A right click on the black circle shows a list of actions

Click on the star above the list to bookmark the page.



# Are you looking for a forecast?

Click here

Elev 2611 ft, 39.22 °N, 121.07 °W

## NID Business Center - KCAGRASS103 🇺🇸 ⓘ

[FORECAST FOR GRASS VALLEY, CA](#)

### Station Summary

● Online(updated 3 seconds ago)

#### CURRENT CONDITIONS

**44.6** °F

Feels Like 44.6 °



WIND & GUST  
1.9 / 3.0 mph

DEWPOINT  
38.0 ° F

PRECIP RATE  
0.00 in/hr

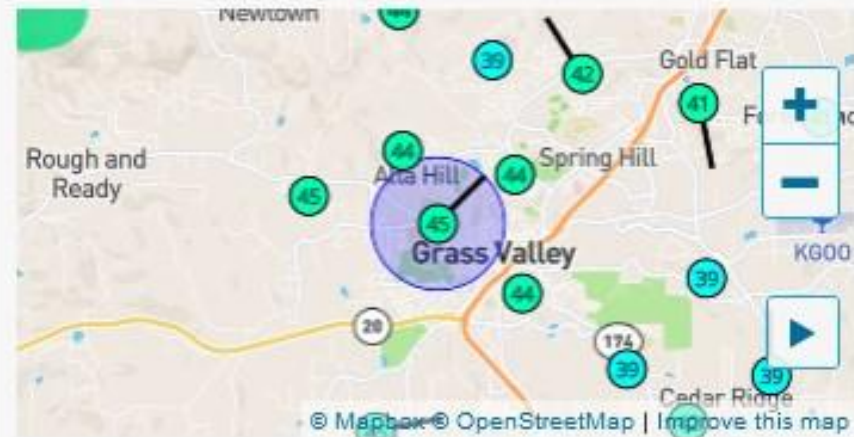
PRESSURE  
27.60 in

HUMIDITY  
78 %

PRECIP ACCUM  
0.00 in

UV  
--

#### MAP



View WunderMap

PWS CURRENT CONDITIONS

<https://www.wunderground.com/weather/us/ca/grass-valley/KCAGRASS103A>


### Options:

- Current weather with pollen, air quality and UV index
- A 10-day or a calendar month forecast
- Historic average
- A return to the WunderMap


Elev 2611 ft, 39.22 °N, 121.06 °W  
**Grass Valley, CA Weather Conditions** ★ 🏠  
☁️ **45°** NID BUSINESS CENTER STATION | CHANGE ▼

TODAY HOURLY **10-DAY** CALENDAR HISTORY WUNDERMAP


🕒 9:59 AM PST on January 6, 2023 (GMT -8) | Updated 6 seconds ago




51° | 42°  
**45°F**  
LIKE 45°



Cloudy






Gusts 4 mph




RADAR SATELLITE

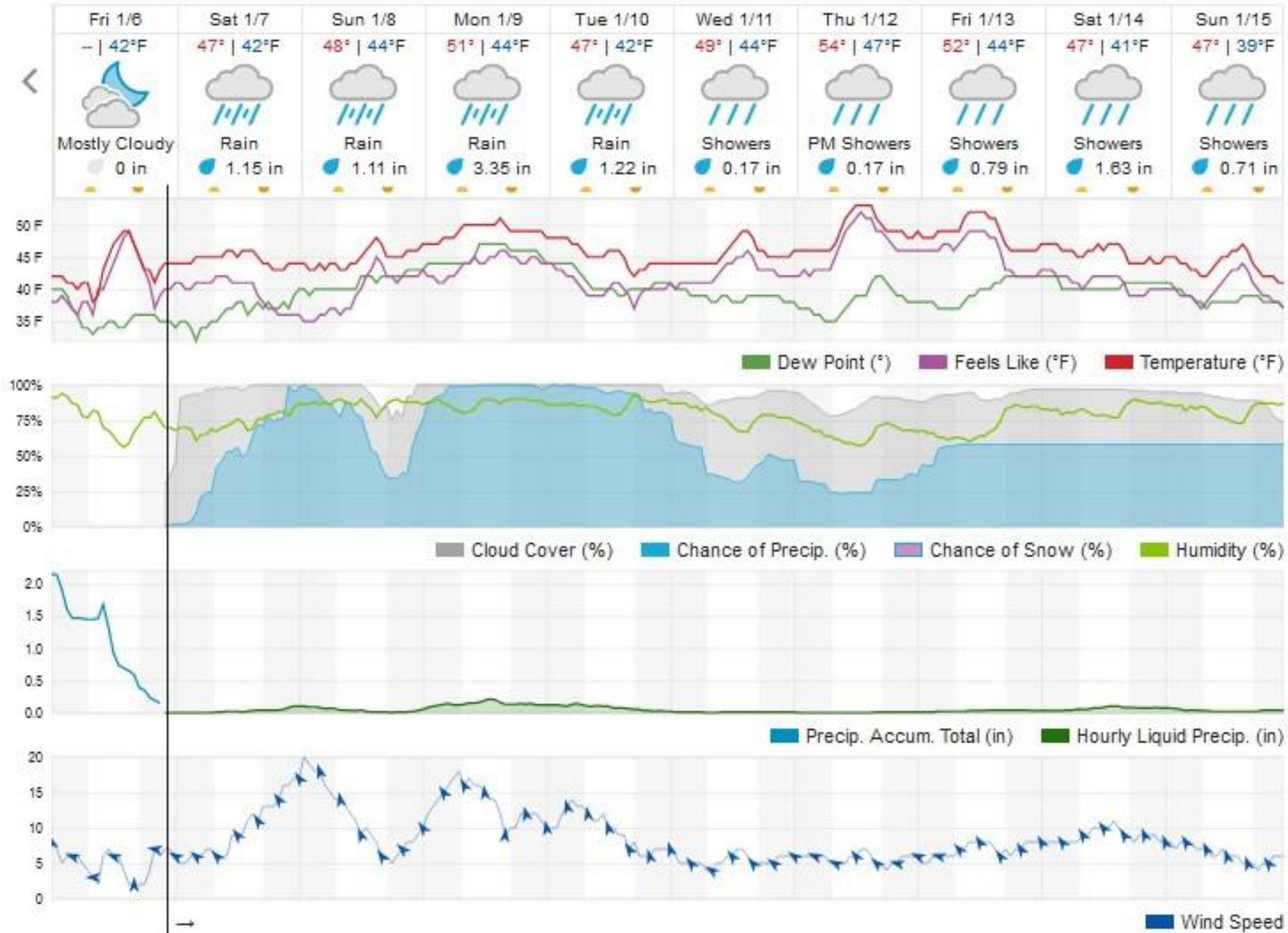
WUNDERMAP | NEXRAD

Today's temperature is forecast to be **COOLER** than yesterday.

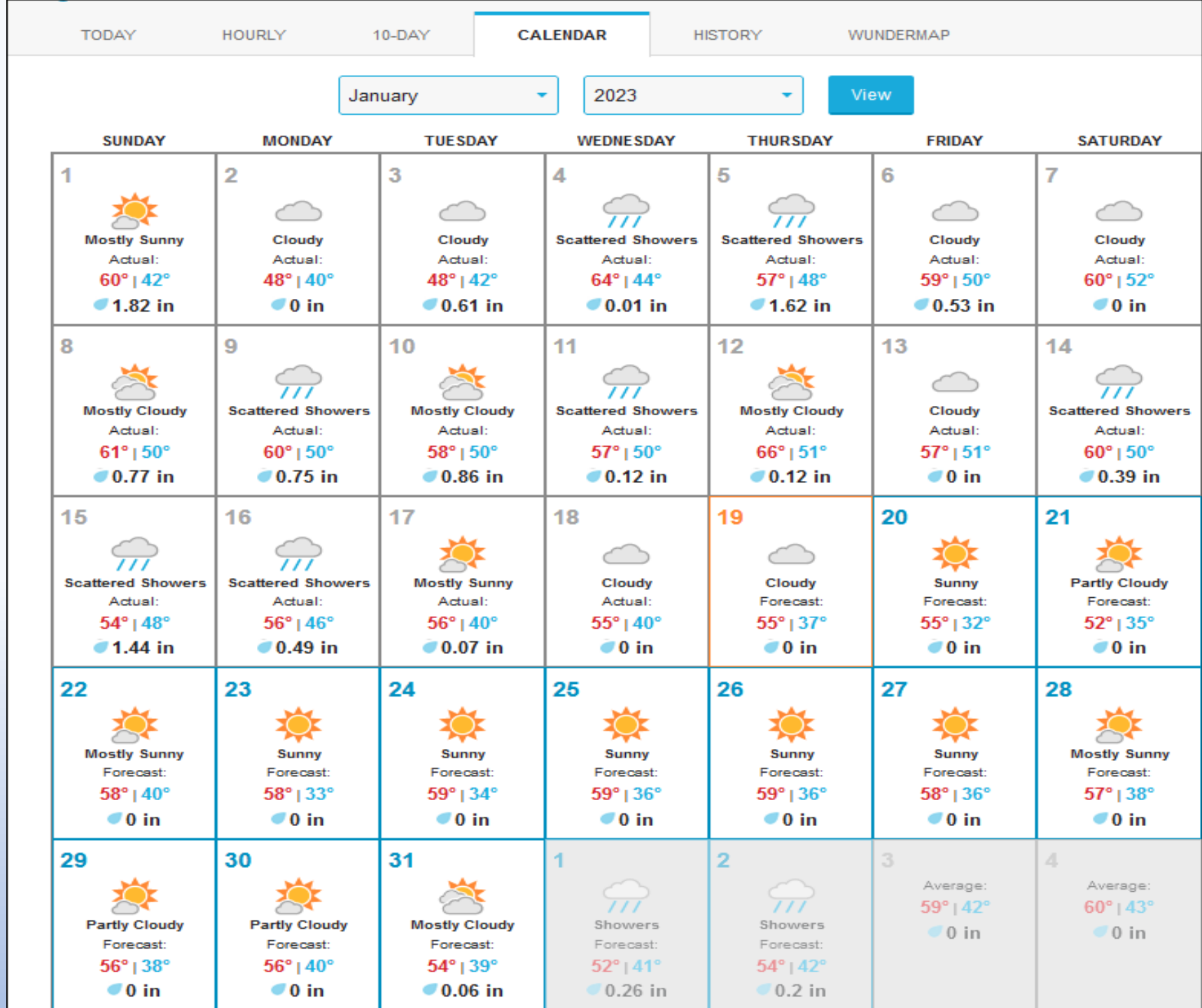
TODAY	TONIGHT	TOMORROW
 FRI 01/06 HIGH 51 °F	 FRI 01/06 LOW 42 °F	 SAT 01/07 HIGH 47   41 °F
<a href="#">21% Precip. / 0.00 in</a> Mostly cloudy. High 51F. Winds light and variable.	<a href="#">24% Precip. / 0.00 in</a> Cloudy. Low 42F. Winds ESE at 5 to 10 mph.	<a href="#">81% Precip. / 0.31 in</a> Rain. High 47F. Winds SE at 10 to 15 mph. Chance of rain 80%. Rainfall near a quarter of an inch.

PRECIPITATION	POLLEN	AIR QUALITY	UV INDEX
 <p>15% Slight rain chance in the next 6 hours.</p>	<p>None</p>	<p>Good Air Quality Index 34</p>	<p>Low Daytime UV 1</p>

The 10-day forecast helps us plan work in the garden



# The monthly forecast



# Two ways to find the NID weather station

**Method 1:** Use the **WunderMap** to find a specific location

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<https://www.wunderground.com/weather/us/ca/grass-valley/KCAGRASS103A>

You can review this PowerPoint on our “UC Master Gardeners of NC only” website, listed under Garden Projects

The NID weather station is located on the roof of the main building, adjacent to our Demonstration Garden

- Temperatures on the ground may differ from rooftop temperatures
- Microclimates influence ground temperatures
- The NID weather information provides a handy estimate of temperatures in the Demo Garden



# Thank you, NID!



# Questions?

