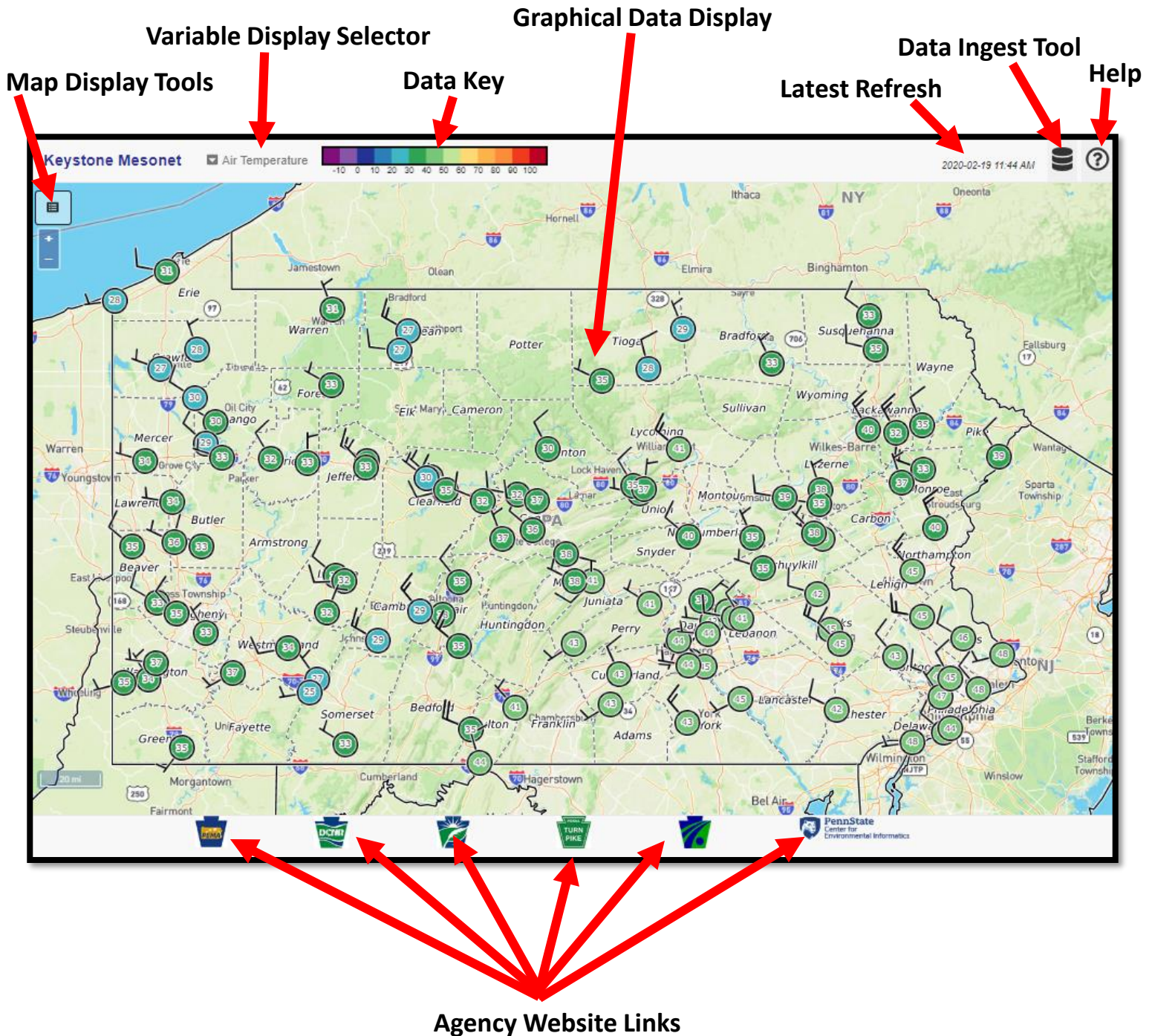


Keystone Mesonet Guide

Overview of Homepage



Default shows air temperature (°F) inside circle and wind speed (mph) via barbs
Page auto-refreshes to fetch newest data every five minutes

Keystone Mesonet Guide

Overview of Map Display Tools



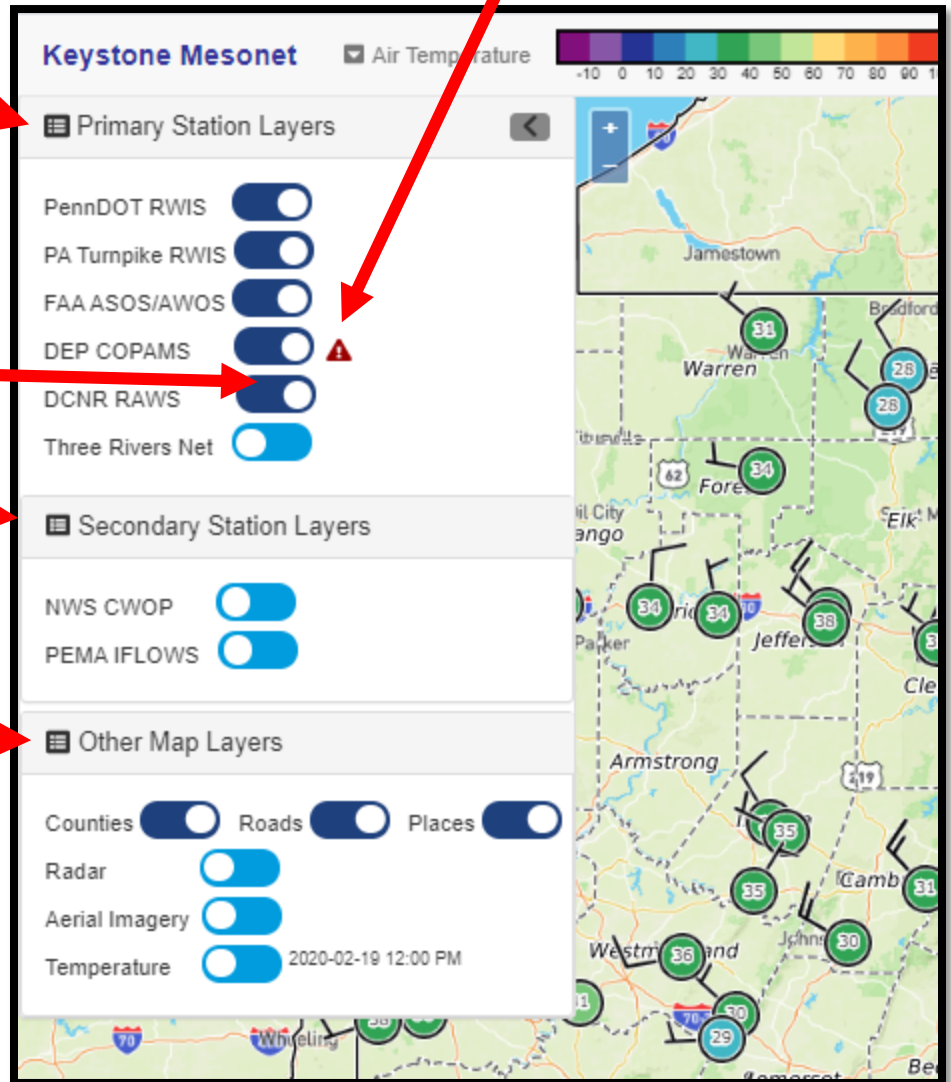
Logo Means Data Unavailable
For Selected Map Variable

Primary Datasets
(Quality Controlled)

Data Toggle Switch
(ON/OFF)

Secondary Datasets
(Not Quality Controlled)

Base Map Layers



PennState
Center for
Environmental Informatics

Version 1 (2.20.20)

Page 2

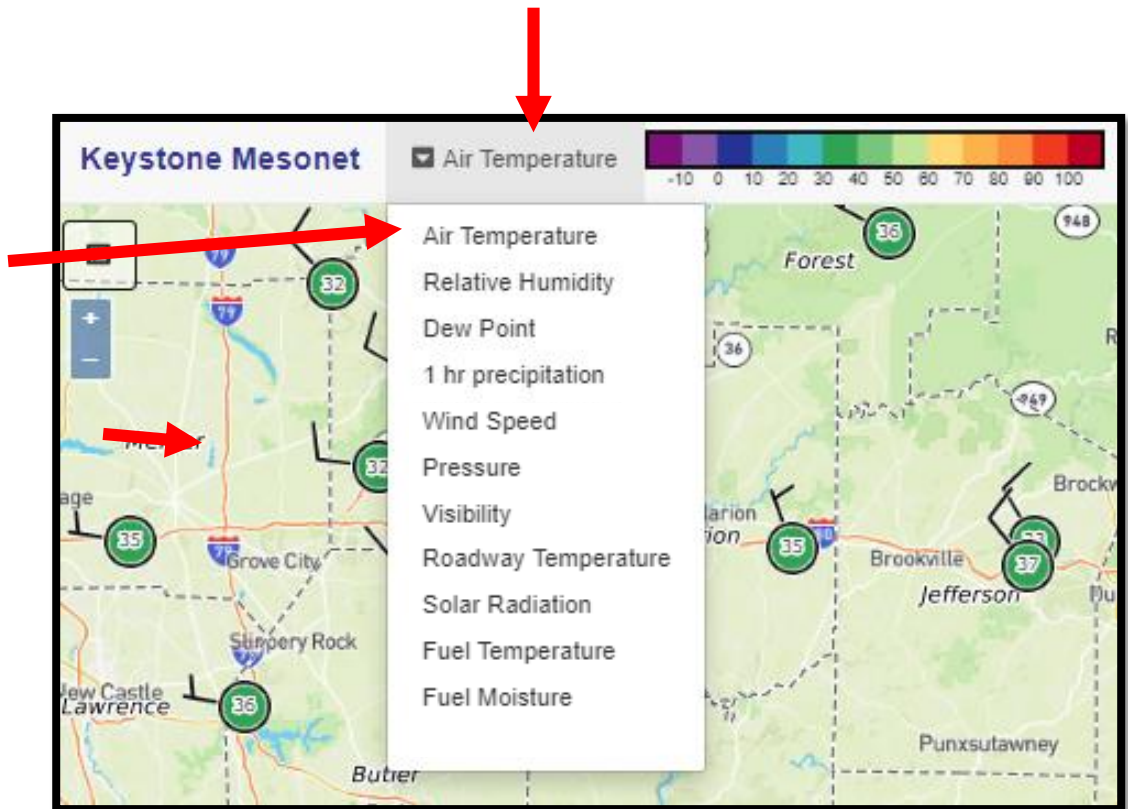
Keystone Mesonet Guide

Overview of Variable Display Selector

Selected variable will display in center of circle
Only data sets with available variables will plot on map

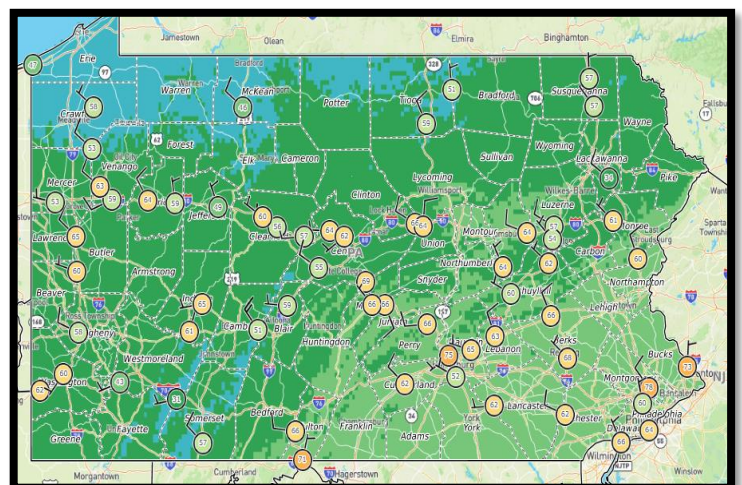
Click the dropdown menu

Choose one variable
from display list



NOTE: You can place air temperature underlay: “Map Tools>Other Map Layers>Temperature” toggle on and then select another variable to show in the circle using the variable selector.

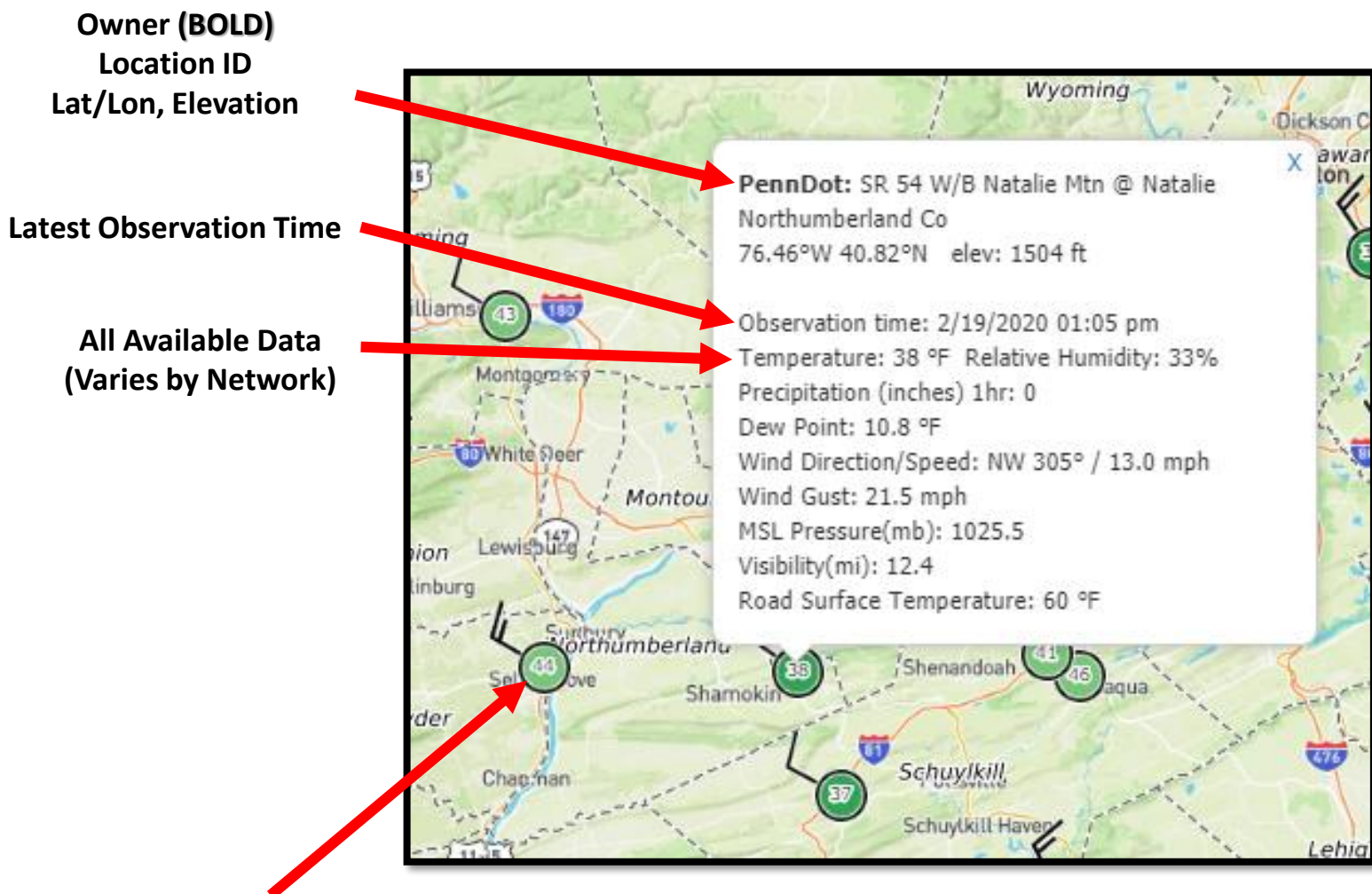
Example (right) shows air temperature underlay with circles showing roadway temperature.



Keystone Mesonet Guide

Overview of Metadata

Click on any station to show available metadata for observation



KEY: Ring Around Outside of Data



Data current Up to 1.5 hours old



Data between 1.5 and 3 hours old

Data over 3 hours old is not displayed on map

Keystone Mesonet Guide

Observation Network Descriptions

State Owned

Owner	Name	Data Interval
PA Department of Transportation	PennDOT RWIS	5 minutes
PA Emergency Management Agency	IFLOWS	5 minutes
PA Turnpike Commission	PA Turnpike RWIS	10 minutes
PD Dept. Conservation & Natural Resources	RAWS	60 minutes
PA Dept. of Environmental Protection	COPAMS	60 minutes

Other Owned

Owner	Name	Data Interval
Allegheny County	Three Rivers Net	5 minutes
Federal Aviation Administration	FAA ASOS/AWOS	60 minutes
National Weather Service	CWOP	60 minutes

Pending Additions

Owner	Name	Data Interval
Penn State University	PEMN	10 minutes



Keystone Mesonet Guide

- This website is fluid and under continual development.
- Additional resources will be added as the project expands.
- For comments, suggestions, or issues, please contact Jeff Jumper, PEMA.
 - jejumper@pa.gov