

# PSL Real-Time Observations Web Interface User Guide

# Data & Image Products - Availability

<https://psl.noaa.gov/data/obs/datadisplay/>

The screenshot displays the NOAA Physical Sciences Laboratory website for the PSL Wind Profiler Data. The page title is "Profiler Network Data & Image Library". The navigation bar includes "Home", "Data", and "PSL Wind Profiler". The main content area features a filter panel with dropdown menus for "Active Sites", "Instrument", "Data Format", "Data Source", "Product", and "Site Status", all currently set to "All". A blue "Update Map/Table" button is located below the filters. The current time is 2020-10-26 22:07:33 UTC, and the site status is as of 2020-10-26 22:05:00 UTC. The map shows the United States with data points represented by green, yellow, and red dots. A legend at the bottom left indicates: green dot = data received in the last three hours, yellow dot = no data received in the last three hours, and red dot = no data received in the last twelve hours. On the right side, a sidebar menu is open, showing "Data & Image Products" with "Availability" highlighted in a red box. Below it are "Observations Map", "Soil, Radiation, & Flux Plots", and "Satellite Products". The "Data Tools" section includes "Active Sites", "Scanning Radar", "CalNex Trajectories", and "Texas Trajectories". The "Data & Image Archive" section includes "Active Sites" and "Inactive Sites". The "Site Information" section includes "Site Status", "Site Inventory - Listing", and "Site Inventory - Map". The "Downloads" section includes "Data and Image" and "Web User Guide". The "Instruments" section includes "Wind Profiler", "Precipitation Profiler", "Snow Level Radar", and "Surface Meteorology". A list of products is displayed on the right, grouped by site: Alta (ata), Arnold (and), Astoria (ast), and Baker (P618) (bkr). Each site has a "-Data/Images" section with various product types like "Surface Met Plot", "Datalogger Campbell-SurfaceMet", "Integrated Water Vapor Flux Plot", "Radar 449MHz-Model Comparison Plot", "Radar 449MHz-Wind Barb Plot", "Radar 449MHz-Wind Snow Level Plot", "Radar 449MHz-Wind SNR Plot", "Radar 449MHz-Wind Virtual Temp Plot", "Radar 449MHz-Wind Virtual Theta Plot", "Snow Level Verification Plot", "Surface Met Plot", "Datalogger Campbell-SurfaceMet", "Integrated Water Vapor Flux", "Radar 449MHz-Bright Band", "Radar 449MHz-Weber Wuezz Temp", "Radar 449MHz-Weber Wuezz Wind", and "Gps Trimble-Rain".

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# Profiler Network Data & Image Library

Menu

Active Sites: All

Instrument: All

Data Format: All

Data Source: All

Product: All

Site Status: All

Update Map/Table

Current Time: 2020-10-23 00:21:21 UTC  
Site Status as of 2020-10-22 23:45:00 UTC

Hide Map

Hide Table

Map Overlays

Auto Scale Map

Map Satellite

Legend:

- = data received in the last three hours
- = no data received in the last three hours
- = no data received in the last twelve hours

Collapse All

- Alta (ata)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
- Arnold (and)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
- Astoria (ast)
  - Data/Images
    - Integrated Water Vapor Flux Plot GIF
    - Radar 449MHz-Model Comparison Plot GIF
    - Radar 449MHz-Wind Barb Plot GIF
    - Radar 449MHz-Wind Snow Level Plot GIF
    - Radar 449MHz-Wind SNR Plot GIF
    - Radar 449MHz-Wind Virtual Temp Plot GIF
    - Radar 449MHz-Wind Virtual Theta Plot GIF
    - Snow Level Verification Plot GIF
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
    - Integrated Water Vapor Flux ASCII
    - Radar 449MHz-Bright Band ASCII
    - Radar 449MHz-Weber Wuertz Temp ASCII
    - Radar 449MHz-Weber Wuertz Wind ASCII
    - Gps Trimble-Raw BINARY
- Baker (P618) (bkr)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII

Drop-down menu listing active sites, instrument categories, data formats, data sources, products, and site status. Click the "Update Map/Table" to display the selected options on the map and/or in the table display.

Toggle buttons that hide the map to expand the table, hide the table to expand map, and auto scale the map after updates.

Map showing station locations. The colored dots represent the data latency for the site, with the latency legend shown below the map. Clicking on the dot will open a pop-up menu listing all the data and image products available at each site.

A table form showing list of sites corresponding to the drop-down-menu selections. The table displays a list of data products for each site. A user can click on any of the data products to view.

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## Profiler Network Data & Image Library

Active Sites: Bodega Bay (bby)

Instrument: All

Data Format: All

Data Source: All

Product: All

Site Status: All

Update Map/Table

Current Time: 2020-10-23 16:34:30 UTC

Site Status as of 2020-10-23 16:30:00 UTC

Map Sate

Mussel Point Westsid

Bodega Marine Reserve

University of California Marine Laboratory

Google

Map data ©2020 200 m Terms of Use Report a map error

● = data received in the last three hours  
 ● = no data received in the last three hours  
 ● = no data received in the last twelve hours

- Collapse All

- Bodega Bay (bby)
  - Data/Images
    - Integrated Water Vapor Flux Plot GIF
    - Radar 449MHz-Model Comparison Plot GIF
    - Radar 449MHz-Wind Barb Plot GIF
    - Radar 449MHz-Wind Snow Level Plot GIF
    - Radar 449MHz-Wind SNR Plot GIF
    - Radar 449MHz-Wind Virtual Temp Plot GIF
    - Radar 449MHz-Wind Virtual Theta Plot GIF
    - Snow Level Verification Plot GIF
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
    - Gps Trimble-Water Vapor ASCII
    - Integrated Water Vapor Flux ASCII
    - Radar 449MHz-Bright Band ASCII
    - Radar 449MHz-Weber Wvertz Temp ASCII
    - Radar 449MHz-Weber Wvertz Wind ASCII
    - Gps Trimble-Raw BINARY

An example showing the Bodega Bay (bby) selection from Active Sites drop-down menu.

The other drop-down menus are automatically populated with the information relevant to the selected site. In this example, only the instruments for Bodega Bay are shown in the drop-down menu.



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# Profiler Network Data & Image Library

Menu

Active Sites: All  
Instrument: All  
Data Format: All  
Data Source: All  
Product: All  
Site Status: All

Update Map/Table

Current Time: 2020-10-23 17:57:09 UTC  
Site Status as of 2020-10-23 17:55:00 UTC

Hide Map Show Table Map Overlays Auto Scale Map

Map Satellite

Google

Map data ©2020 Google, INEGI 500 km Terms of Use

- = data received in the last three hours
- = no data received in the last three hours
- = no data received in the last twelve hours

Map in expanded view by clicking "Hide Table" button.

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# Profiler Network Data & Image Library

Menu

Active Sites: All  
Instrument: All  
Data Format: All  
Data Source: All  
Product: All  
Site Status: All

Update Map/Table

Current Time: 2020-10-23 18:02:38 UTC  
Site Status as of 2020-10-23 17:55:00 UTC

Show Map Hide Table Map Overlays Auto Scale Map

- Collapse All

- Alta (ata)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
- Arnold (and)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
- Astoria (ast)
  - Data/Images
    - Integrated Water Vapor Flux Plot GIF
    - Radar 449MHz-Model Comparison Plot GIF
    - Radar 449MHz-Wind Barb Plot GIF
    - Radar 449MHz-Wind Snow Level Plot GIF
    - Radar 449MHz-Wind SNR Plot GIF
    - Radar 449MHz-Wind Virtual Temp Plot GIF
    - Radar 449MHz-Wind Virtual Theta Plot GIF
    - Snow Level Verification Plot GIF
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
    - Integrated Water Vapor Flux ASCII
    - Radar 449MHz-Bright Band ASCII
    - Radar 449MHz-Weber Wuertz Temp ASCII
    - Radar 449MHz-Weber Wuertz Wind ASCII
    - Gps Trimble-Raw RTNARY
- Baker (P618) (bkr)
  - Data/Images
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII

● = data received in the last three hours  
● = no data received in the last three hours  
● = no data received in the last twelve hours

Table in expanded view by clicking "Hide Map" button.

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# Profiler Network Data & Image Library

Menu

Active Sites: Bodega Bay (bby) | Data Source: All | Instrument: All | Product: All | Data Format: All | Site Status: All

Update Map/Table

Current Time: 2020-10-23 19:57:20 UTC  
Site Status as of 2020-10-23 19:55:00 UTC

Hide Map | Hide Table | Map Overlays | Auto Scale Map

Map | Satellite

Mussel Point | Westside Regional Park | Gaffney Point

Bodega Bay (bby) -Data/Images

- Integrated Water Vapor Flux Plot GIF
- Radar 449MHz-Model Comparison Plot GIF
- Radar 449MHz-Wind Barb Plot GIF
- Radar 449MHz-Wind Snow Level Plot GIF
- Radar 449MHz-Wind SNR Plot GIF
- Radar 449MHz-Wind Virtual Temp Plot GIF
- Radar 449MHz-Wind Virtual Theta Plot GIF
- Snow Level Verification Plot GIF
- Surface Met Plot GIF
- Datalogger Campbell-SurfaceMet ASCII
- Gps Trimble-Water Vapor ASCII
- Integrated Water Vapor Flux ASCII
- Radar 449MHz-Bright Band ASCII
- Radar 449MHz-Weber Wuertz Temp ASCII
- Radar 449MHz-Weber Wuertz Wind ASCII
- Gps Trimble-Raw BINARY

Google | Map data ©2020 | 200 m | Terms of Use | Report a map error

● = data received in the last three hours  
● = no data received in the last three hours  
● = no data received in the last twelve hours

Clicking on the dot on the map will launch the same table display as appears in the table view. Click on any of the links to view data products.

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## Profiler Network Data & Image Library

Active Sites: Bodega Bay (bby) | Data Source: All | Instrument: All | Product: All | Data Format: All | Site Status: All

Update Map/Table

Current Time: 2020-10-23 21:11:28 UTC  
Site Status as of 2020-10-23 20:50:00 UTC

Map Satellite

Bodega Dunes Campground  
Bodega Bay  
Bay Hwy  
Bodega ASBS Sta Water Quality Protection...  
Doran Regional Park

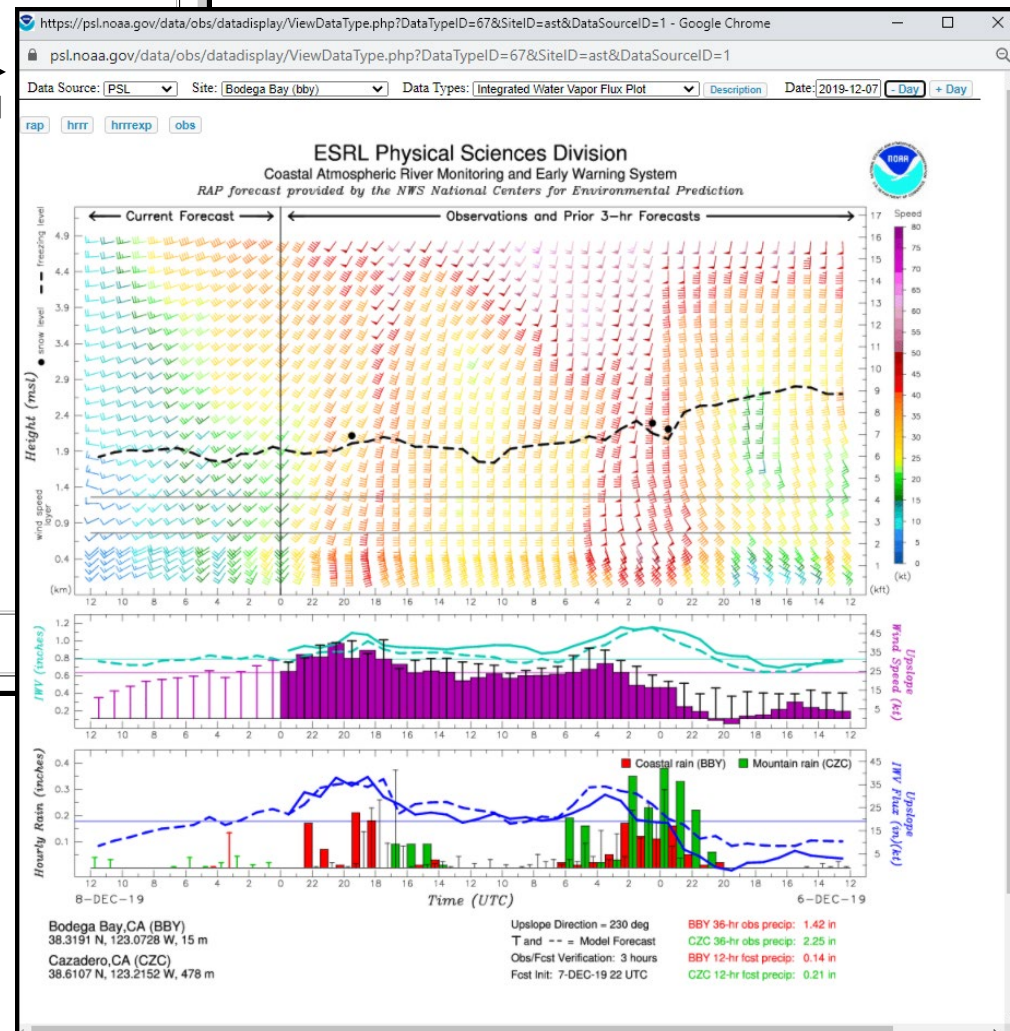
Collapse All

- Bodega Bay (bby)
  - Integrated Water Vapor Flux Plot GIF
  - Radar 449Mhz-Model Comparison Plot GIF
  - Radar 449Mhz-Wind Barb Plot Last Updated 2020-10-23 20:37:00
  - Radar 449Mhz-Wind Snow Level Plot GIF
  - Radar 449Mhz-Wind SNR Plot GIF
  - Radar 449Mhz-Wind Virtual Temp Plot GIF
  - Radar 449Mhz-Wind Virtual Theta Plot GIF
  - Snow Level Verification Plot GIF
  - Surface Met Plot GIF
  - Dataproxy Campbell-SurfaceMet ASCII
  - Gps Trimble-Water Vapor ASCII
  - Integrated Water Vapor Flux ASCII
  - Radar 449Mhz-Bright Band ASCII
  - Radar 449Mhz-Weber Waerts Temp ASCII
  - Radar 449Mhz-Weber Waerts Wind ASCII
  - Gps Trimble-Rain BINARV

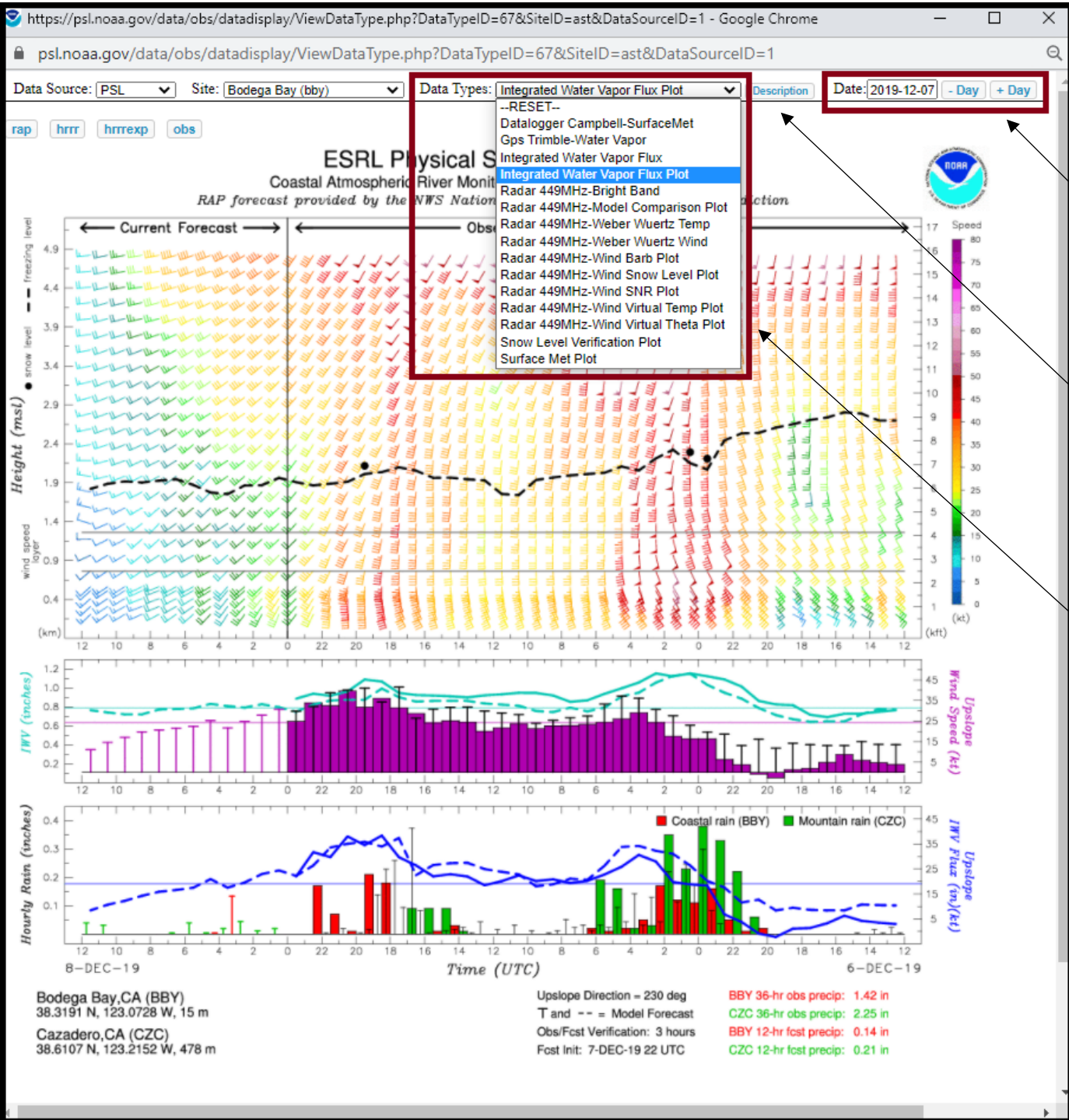
Legend:

- Green circle = data received in the last three hours
- Yellow circle = no data received in the last three hours
- Red circle = no data received in the last twelve hours

An example of viewing a data product. Clicking on the "Integrated Water Vapor Flux Plot" link launches a new window to view the data product.



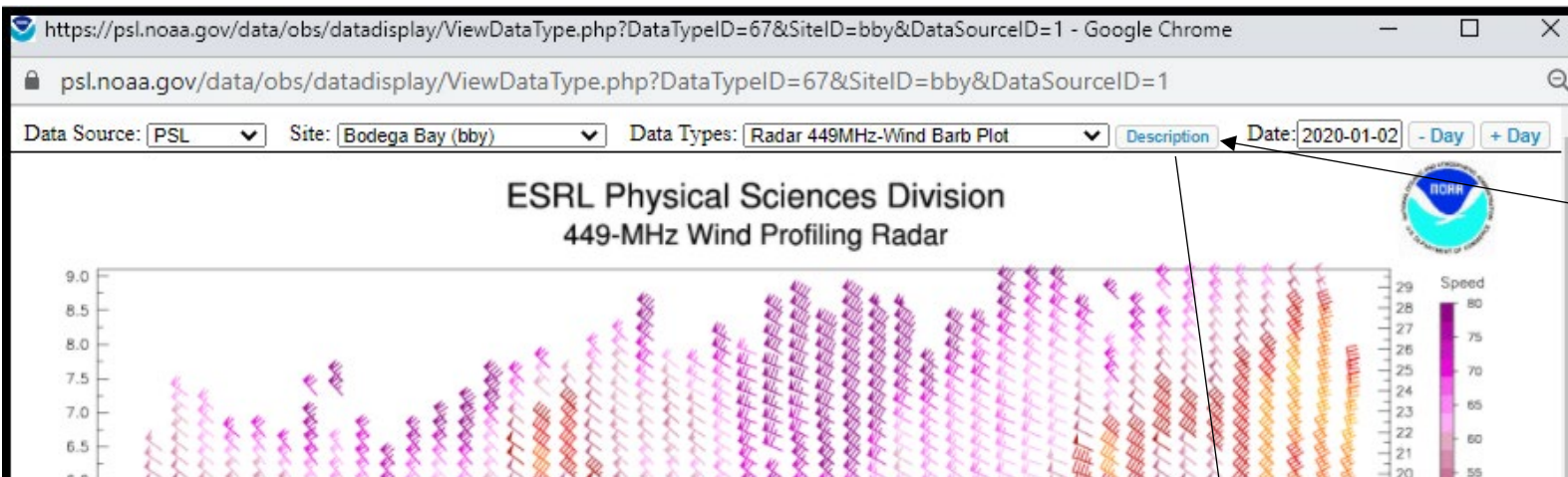




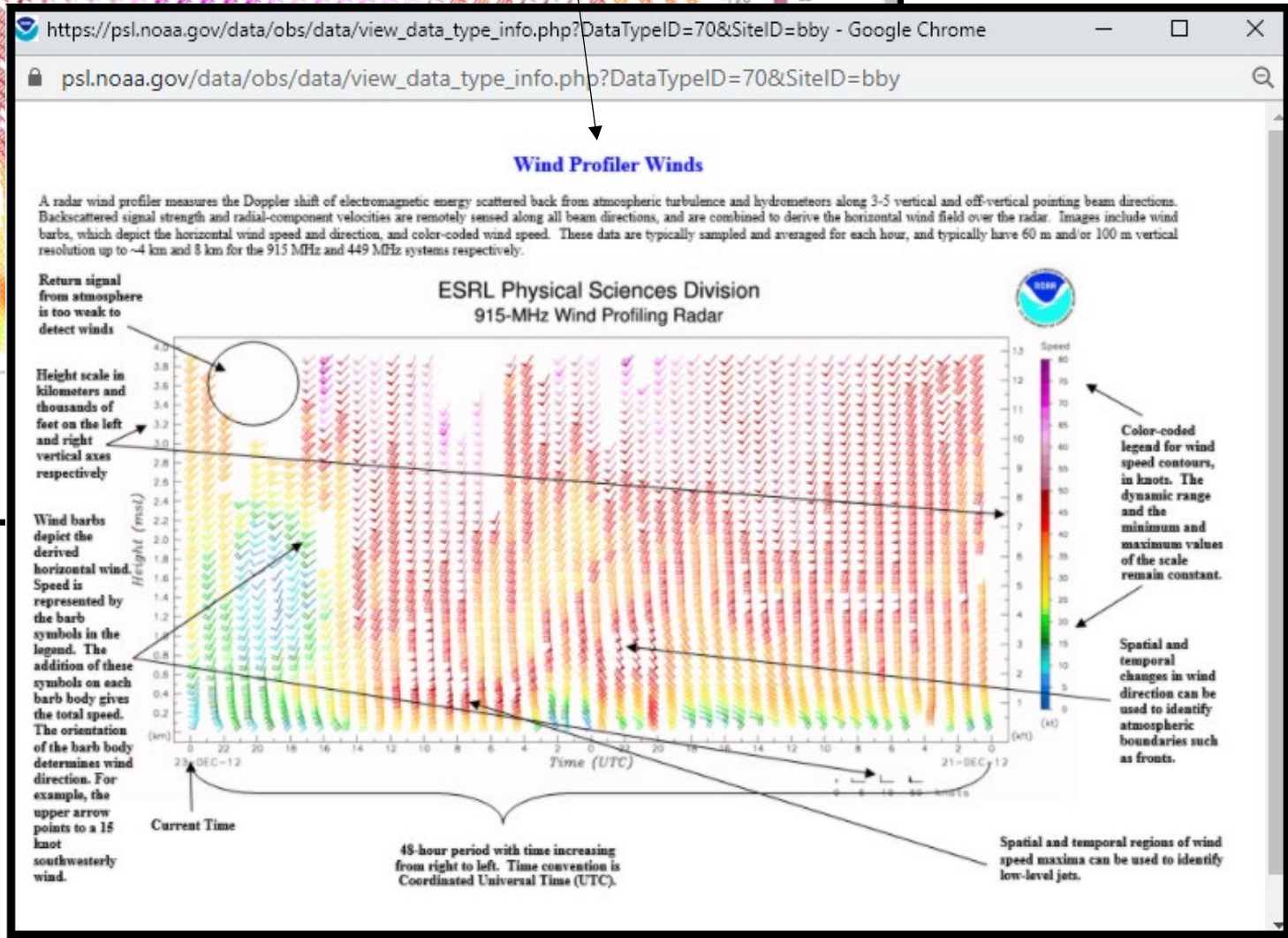
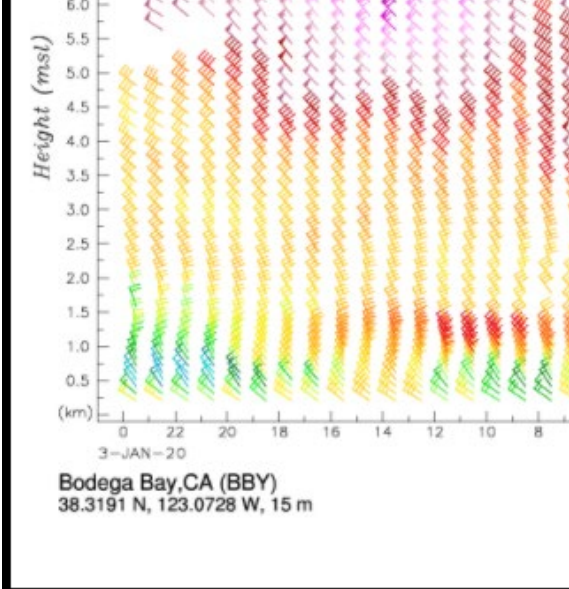
Calendar used to choose a different data period. Buttons that traverse the days from previous to next.

Button to view a detailed description of the selected data product.

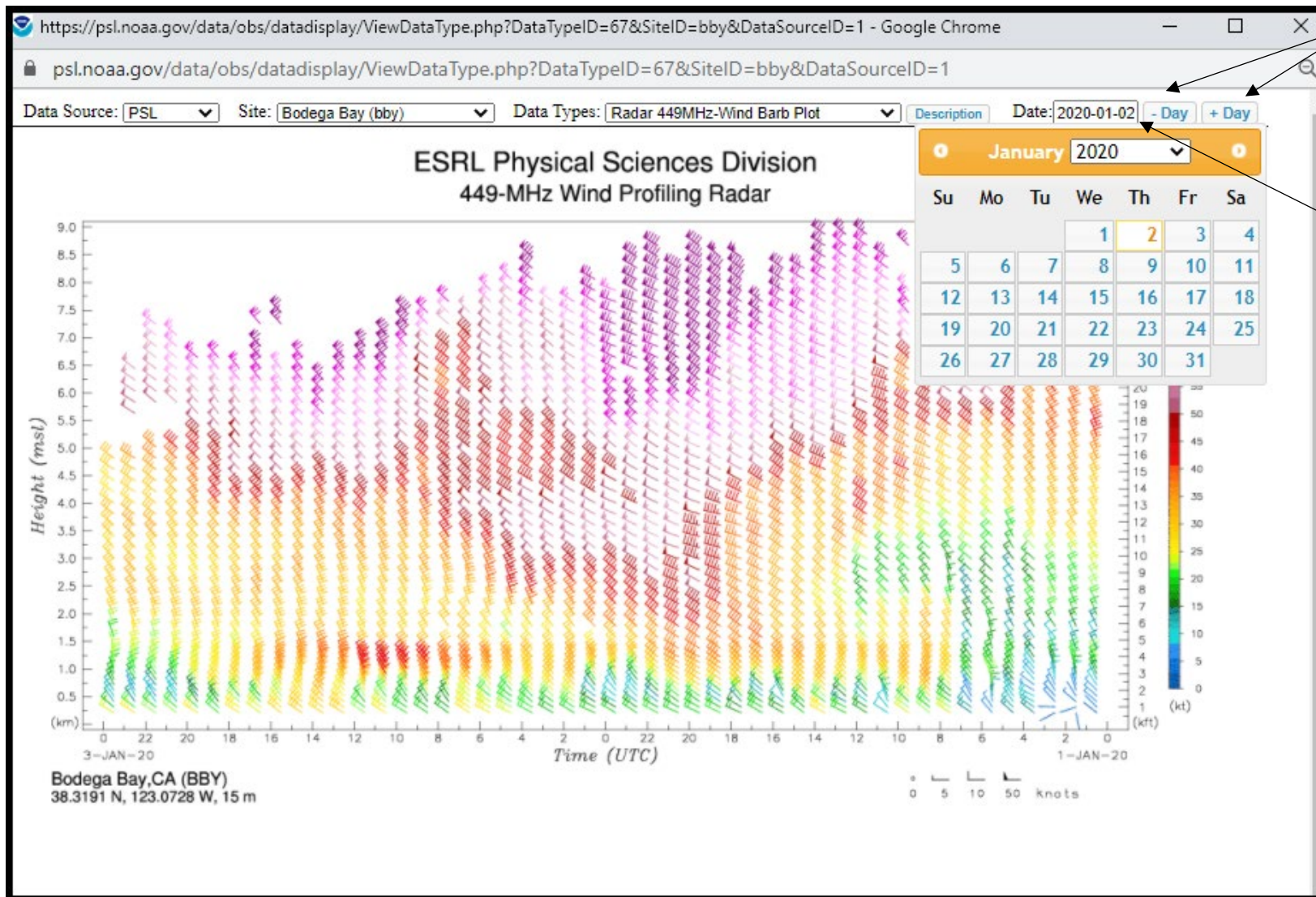
A drop-down menu listing all the data products for the selected site, Bodega Bay. Likewise, if a specific data type is selected, all the sites that possess that data type will be dynamically populated in the site drop-down menu.



Clicking the "Description" button launches a new window with detailed information about the selected data product.







Click the "-Day" and "+Day" buttons to display the previous and next day's plot.

Click the "Date" edit box to explicitly input a new date or select a date using the calendar widget.

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## Profiler Network Data & Image Library

Active Sites: Bodega Bay (bby) | Data Source: All | Instrument: All | Product: All | Data Format: All | Site Status: All

Update Map/Table

Current Time: 2020-10-23 22:28:34 UTC  
Site Status as of 2020-10-23 22:25:00 UTC

Map | Satellite

Mussel Point | Westside | Bodega Marine Reserve

Google | Map data ©2020 | 200 m | Terms of Use | Report a map error

● = data received in the last three hours  
● = no data received in the last three hours  
● = no data received in the last twelve hours

- Collapse All

- Bodega Bay (bby)
  - Data/Images
    - Integrated Water Vapor Flux Plot GIF
    - Radar 4490MHz Model Comparison Plot GIF
    - Radar 4490MHz Wind Barb Plot GIF
    - Radar 4490MHz Wind Snow Level Plot GIF
    - Radar 4490MHz Wind SNR Plot GIF
    - Radar 4490MHz Wind Virtual Temp Plot GIF
    - Radar 4490MHz Wind Virtual Temp Plot GIF
    - Snow Level Verification Plot GIF
    - Surface Met Plot GIF
    - Datalogger Campbell Surface Met ASCII
    - Gps Trimble Vibe Vloger ASCII
    - Integrated Water Vapor Flux ASCII
    - Radar 4490MHz Slope Range ASCII
    - Radar 4490MHz Wbwr Wvvrte Temp ASCII
    - Radar 4490MHz Wbwr Wvvrte Wind ASCII
    - Gps Trimble-Raw RTK322

Click on the site name to launch the site information page in a separate tab.

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## Bodega Bay, CA

Site ID: bby  
Latitude: 38.319100 N  
Longitude: -123.072800 W  
Elevation: 15 meters  
Active: Y  
Site Table: [Site Table](#)  
Data: [Realtime Display](#)

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- [Active Instruments](#)
- [Inactive Instruments](#)
- [Site Outages](#)
- [Map](#)

Instrument Name	Project Name	Install Date	Data Types
449 MHz Wind Profiler Digital	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Datalogger CR800	Hydrometeorology Testbed - West	2013-05-08	<a href="#">view</a>
Gps Trimble NetR8	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Net Radiation REBS Q7.1	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Pressure Sensor - PTB110B	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Radio Acoustic Sounding System	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Solar Radiation - CMP3	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Temp/RH CS215	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Tipping Bucket TE525	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Wind Speed and Direction 5106-5A	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>

The default view will show all active instruments running at the selected site.

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## Profiler Network Data & Image Library

Active Sites: Bodega Bay (bby) | Data Source: All | Instrument: All | Product: All | Data Format: All | Site Status: All

Update Map/Table

Hide Map | Hide Table | Map Overlays | Auto Scale Map

Map | Satellite

Collapse All

- Bodega Bay (bby)
  - Interfered Water Vapor Flux Plot (GIP)
  - Radar 4495MHz-Nickel Comparison Plot (GIP)
  - Radar 4495MHz-Wind Barb Plot (GIP)
  - Radar 4495MHz-Wind Snow Level Plot (GIP)
  - Radar 4495MHz-Wind S/NR Plot (GIP)
  - Radar 4495MHz-Wind Virtual Temp Plot (GIP)
  - Radar 4495MHz-Wind Virtual Theta Plot (GIP)
  - Snow Level Verification Plot (GIP)
  - Surface Met Plot (GIP)
  - Datalogger Campbell-SurfaceMet (ASCII)
  - Gps Trimble Water Vapor (ASCII)
  - Interfered Water Vapor Flux (ASCII)
  - Radar 4495MHz-Striped Band (ASCII)
  - Radar 4495MHz-Webber Wuehsta Temp (ASCII)
  - Radar 4495MHz-Webber Wuehsta Wind (ASCII)
  - Gps Trimble Rain (RTNARS)

● = data received in the last three hours  
 ● = no data received in the last three hours  
 ● = no data received in the last twelve hours

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https://psl.noaa.gov/data/obs/sites/view\_site\_c

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## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: [Site Table](#)  
 Data: [Realtime Display](#)

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- Active Instruments
- Inactive Instruments
- Site Outages
- Map

Instrument Name	Project Name	Install Date	Removal Date	Data Types
Tipping Bucket TE525	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
915 MHz Wind Profiler Digital	Hydrometeorology Testbed - West	2003-12-19	2012-11-13	<a href="#">view</a>
Radio Acoustic Sounding System	Hydrometeorology Testbed - West	2003-12-19	2012-11-13	<a href="#">view</a>
Pressure Sensor - PTB101B	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
Temp/RH CS215	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
Wind Speed and Direction 5103	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
Solar Radiation CM3	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
Net Radiation REBS Q7.1	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
GpsTrimble NetRS	Hydrometeorology Testbed - West	2004-11-12	2012-11-13	<a href="#">view</a>
Datalogger CR10X	Hydrometeorology Testbed - West	2013-03-22	2013-05-08	<a href="#">view</a>

Displays all Inactive Instruments for the selected site.

All historical instruments and data are accessed by clicking on "view" for an instrument.



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## Profiler Network Data & Image Library

Active Sites: Bodega Bay (bby) | Data Source: All | Instrument: All | Product: All | Site Status: All

Update Map/Table

Map Satellite

Bodega Bay (bby)

- Integrated Water Vapor Flux Plot GIF
- Radar 4490-MHz-3-Model Comparison Plot GIF
- Radar 4490-MHz-Wind Barb Plot GIF
- Radar 4490-MHz-Wind Snow Level Plot GIF
- Radar 4490-MHz-Wind SNR Plot GIF
- Radar 4490-MHz-Wind Vernal Temp Plot GIF
- Radar 4490-MHz-Wind Vernal Theta Plot GIF
- Snow Level Verification Plot GIF
- Surface Met Plot GIF
- Danloper Campbell-SurfaceMet ASCII
- Gps Trimble-Water Vapor ASCII
- Integrated Water Vapor Flux ASCII
- Radar 4490-MHz-Bright Beam ASCII
- Radar 4490-MHz-Wibber Wvents Temp ASCII
- Radar 4490-MHz-Wibber Wvents Wind ASCII
- Gps Trimble-Raw BINARY

Legend:

- Green dot: data received in the last three hours
- Yellow dot: no data received in the last three hours
- Red dot: no data received in the last twelve hours

PSL Wind Profiler Data: NOAA | X

https://psl.noaa.gov/data/obs/sites/view/

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## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: Site Table  
 Data: Realtime Display

Active Instruments

Inactive Instruments

Site Outages

Map

OutageID	SiteID	Failure Type	Start Date	End Date	Description	Resolution Description
606	bby	Hardware - Instrument	2018-09-11 20:00:00	2018-09-13 23:30:00	On-site radar hardware maintenance.	Switches replaced.
514	bby	Hardware - Instrument	2017-01-08 04:00:00	2017-01-19 18:00:00	A/C fan motor needs to be replaced. Replacement for parts was placed on 1/9/2017.	AC issue still pending resolution. System is running and collecting data, in the mean time.
502	bby	Hardware - Instrument	2016-09-12 00:00:00	2016-11-10 22:00:00	Net Radiation Dome broke. Need to replace next visit.	Net Rad Fixed.
463	bby	Hardware - Instrument	2015-09-09 22:00:00	2015-09-11 00:00:00	AC unit down. Powered off radar to prevent damage from overheating.	AC repaired.
406	bby	Hardware - Instrument	2014-10-03 19:00:00	2014-10-15 00:00:00	Radar exceeded transmitter temperatures thresholds. Radar shut down to prevent any damage.	Transmitter temperature sensors may need replacing. Issue has been resolved for the time being.
364	bby	Hardware - Instrument	2014-02-11 23:00:00	2014-02-24 16:00:00	AC unit down. Powered off radar to prevent damage from overheating. Updated 2/21/14. New motor to be replaced Monday for AC unit.	AC motor replaced.
344	bby	Hardware - PC	2013-09-07 00:00:00	2013-11-07 00:00:00	Unable to communicate with datalogger. COM port okay on PC.	Conduit and cable was damaged. Repairs made.
311	bby	Hardware - Instrument	2013-05-24 00:00:00	2013-07-17 18:00:00	Rain gauge switched may have malfunctioned causing false precipitation to be reported.	Rain gauge fixed.
306	bby	Hardware - Instrument	2013-04-15 00:00:00	2013-05-08 16:00:00	Rain gauge switched may have malfunctioned causing false precipitation to be reported.	Fixed.
272	bby	Communication - Cellular	2012-11-13 22:00:00	2013-03-22 00:00:00	Site removed until new 449 MHz replacement.	New 449 MHz site installed.

Displays all previous and current site outage information related to the selected site.

PSL Wind Profiler Data: NOAA | X

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## Profiler Network Data & Image Library

Active Sites	Bodega Bay (bby)	Data Source	All
Instrument	All	Product	All
Data Format	All	Site Status	All

Update Map/Table

Hide Map Hide Table Map Overlays Auto Scale Map

Map Satellite

Collapse All

- Bodega Bay (bby)
  - Data/Images
    - Integrated Water Vapor Flux Plot GIF
    - Radar 4495MHz-Model Comparison Plot GIF
    - Radar 4495MHz-Wind Barb Plot GIF
    - Radar 4495MHz-Wind Snow Level Plot GIF
    - Radar 4495MHz-Wind SNR Plot GIF
    - Radar 4495MHz-Wind Virtual Theta Plot GIF
    - Radar 4495MHz-Wind Virtual Theta Plot GIF
    - Radar 4495MHz-Webb Waivers Temp ASCII
    - Radar 4495MHz-Webb Waivers Wind ASCII
    - Gps Trimble-Raw ASCII
    - Surface Met Plot GIF
    - Datalogger Campbell-SurfaceMet ASCII
    - Gps Trimble-Water Vapor ASCII
    - Integrated Water Vapor Flux ASCII
    - Radar 4495MHz-Bright Band ASCII
    - Radar 4495MHz-Webb Waivers Temp ASCII
    - Radar 4495MHz-Webb Waivers Wind ASCII
    - Gps Trimble-Raw ASCII

● = data received in the last three hours  
 ○ = no data received in the last three hours  
 ● = no data received in the last twelve hours

PSL Wind Profiler Data: NOAA | X

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Home » Data » PSL Wind Profiler

## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: Site Table  
 Data: Realtime Display

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- Active Instruments
- Inactive Instruments
- Site Outages
- Map

Map Satellite


View Larger Map

Displays a map of site location.

PSL Wind Profiler Data: NOAA | X

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## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: [Site Table](#)  
 Data: [Realtime Display](#)

<< Back Next >>

- Active Instruments
- Inactive Instruments
- Site Outages
- Map

Instrument Name	Project Name	Install Date	Data Types
449 MHz Wind Profiler Digital	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Datalogger CR800	Hydrometeorology Testbed - West	2013-05-08	<a href="#">view</a>
GpsTrimble NetR8	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Net Radiation REBS Q7.1	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Pressure Sensor - PTB110B	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Radio Acoustic Sounding System	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Solar Radiation - CMP3	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Temp/RH CS215	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Tipping Bucket TE525	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
Wind Speed and Direction 5106-5A	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>

Link to a site table displaying basic meta information for active and inactive sites.

Link to data accessibility home page.

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## Site Inventory

State: \* Active: Y Search SiteName:

Site ID	SiteName	State	Latitude	Longitude	Elevation (m)	Start Date	Active	RealTimeDisplay
acv	McKinleyville	CA	40.972000	-124.110000	56	2015-11-18	Y	Y
and	Arnold	CA	38.235000	-120.364000	1184	2011-04-18	Y	Y
ast	Astoria	OR	46.156900	-123.883000	3	2015-09-03	Y	Y
ata	Alta	CA	39.198300	-120.815500	1048	2005-11-16	Y	Y
bbd	Big Bend	CA	39.309000	-120.518000	1754	2006-11-16	Y	Y
bbl	Black Butte Lake	CA	39.813100	-122.369300	160	2012-11-14	Y	Y
bby	Bodega Bay	CA	38.319100	-123.072800	15	2003-12-19	Y	Y
bcc	Boyes Creek Canyon	CA	39.340530	-123.163490	317	2019-10-31	Y	Y
bdh	BodegaHead (P183)	CA	38.313700	-123.068900	10	2014-05-16	Y	Y
bht	Brush Mountain	CA	40.913800	-123.668300	1192	2018-02-01	Y	N
bkr	Baker (P618)	CA	35.141998	-116.103996	257.8	2011-11-07	Y	Y
blu	Blue Canyon	CA	39.275900	-120.709000	1604	2004-11-11	Y	Y
bnf	Burnt Mountain	OR	43.219200	-123.842800	673	2018-02-01	Y	N
boc	Black Oak	AZ	31.556800	-110.544200	1566	2008-05-21	Y	Y
brg	Burnt Ridge (P188)	CA	38.669998	-123.230003	240	2009-12-04	Y	Y
brn	Burns Junction	OR	42.779500	-117.843530	1181	2012-05-16	Y	Y
bsr	Barstow	CA	34.918600	-117.012000	645.204	2015-05-08	Y	Y
bve	Bridgeville	CA	40.473869	-123.792820	205	2014-08-27	Y	Y
ccy	CedarCyn (P298)	CA	36.015800	-120.293999	50	2010-12-10	Y	Y
cdt	CoDeTierra (P177)	CA	37.528200	-122.495000	72	2014-05-16	Y	Y
cfc	Colfax	CA	39.079500	-120.937900	643	2007-11-13	Y	Y

PSL Wind Profiler Data: NOAA | X

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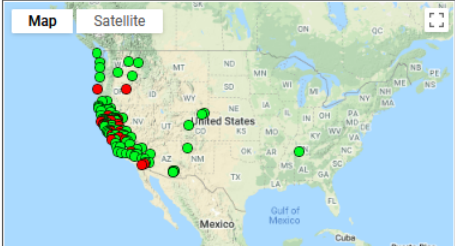
## Profiler Network Data & Image Library

Active Sites: All Instrument: All Data Format: All Data Source: All Product: All Site Status: All

Update Map/Table

Current Time: 2020-10-26 17:19:28 UTC  
 Site Status as of 2020-10-26 17:15:00 UTC

Hide Map Hide Table Map Overlays Auto Scale Map



Collapse All

- Alta (ata)
  - Data/Images
    - Surface Met Plot [61F](#)
    - Datalogger Campbell-SurfaceMet [ASCH](#)
- Arnold (and)
  - Data/Images
    - Surface Met Plot [61F](#)
    - Datalogger Campbell-SurfaceMet [ASCH](#)
- Astoria (ast)
  - Data/Images





## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: [Site Table](#)  
 Data: [Realtime Display](#)

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- [Map](#)

<a href="#">Instrument Name</a>	<a href="#">Project Name</a>	<a href="#">Install D</a>
<a href="#">449 MHz Wind Profiler Digital</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Datalogger CR800</a>	Hydrometeorology Testbed - West	2013-05
<a href="#">GpsTrimble NetR8</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Net Radiation REBS Q7.1</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Pressure Sensor - PTB110B</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Radio Acoustic Sounding System</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Solar Radiation - CMP3</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Temp/RH CS215</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Tipping Bucket TE525</a>	Hydrometeorology Testbed - West	2013-03
<a href="#">Wind Speed and Direction 5106-5A</a>	Hydrometeorology Testbed - West	2013-03-22

Clicking an instrument link will launch a page to detailed information about the selected instrument.

## Wind Profilers

Wind profilers are Doppler radars that most often operate in the VHF (30-300 MHz) or UHF (300-1000 MHz) frequency bands. There are three primary types of radar wind profilers in operation in the U.S. today. The NOAA Profiler Network (NPN) profiler operates at a frequency of 404 MHz (Table 1, Fig. 1a). The second type of profiler that is used by NOAA research and outside agencies is the 915-MHz boundary-layer profiler (Table 1, Fig. 1b). The 404-MHz profilers are more expensive to build and operate, but they provide the deepest coverage of the atmosphere. The 915-MHz profilers are smaller and cheaper to build and operate, but they lack height coverage much above the boundary layer. A third type of profiler that operates at 449 MHz (the so-called 1/4-scale 449-MHz profilers) combines the best sampling attributes of the other two systems (Table 1, Fig. 1c).



449 MHz 1/4-scale phased array wind profiler

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**Table 1.** Physical, operating, and sampling characteristics of wind profilers.

	404-MHz (NPN)	915-MHz (boundary layer)	449-MHz (quarter-scale)
Antenna type	Coaxial-colinear phased array	Flat rectangular microstrip patch	Coaxial-colinear phased array
Antenna diameter (m)	13	2	6
Beamwidth (deg.)	4	10	10
Peak transmit power (W)	6000	500	2000
Transmit pulse width (μs)	3.3 <sup>p</sup> , 20 <sup>p</sup>	0.417*, 0.708* <sup>p</sup>	0.708*, 2.833
Height coverage (m)	500** - 16,000	120 - 4,000	180 <sup>+</sup> - 8,000
Vertical resolution (m)	320 <sup>+</sup> , 900 <sup>+</sup>	63, 106*	106, 212* <sup>+</sup>
Temporal resolution (min)	60	60	60

\* These settings reflect how the profilers were operated during typical deployments. Other degraded transmit and sampling resolutions are possible.  
<sup>p</sup> Pulse-coding was used in selected operating modes to boost signal power and increase view

### Data & Image Products

- [Availability](#)
- [Observations Map](#)
- [Soil, Radiation, & Flux Plots](#)
- [Satellite Products](#)

### Data Tools

- [Active Sites](#)
- [Scanning Radar](#)
- [CalNex Trajectories](#)
- [Texas Trajectories](#)

### Data & Image Archive

- [Active Sites](#)
- [Inactive Sites](#)

### Site Information

- [Site Status](#)
- [Site Inventory - Listing](#)
- [Site Inventory - Map](#)

### Downloads


- [Data and Image](#)
- [Web User Guide](#)

### Instruments

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## Bodega Bay, CA

Site ID: bby  
 Latitude: 38.319100 N  
 Longitude: -123.072800 W  
 Elevation: 15 meters  
 Active: Y  
 Site Table: [Site Table](#)  
 Data: [Realtime Display](#)

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- [Active Instruments](#)
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- [Site Outages](#)
- [Map](#)

Instrument Name	Project Name	Install Date	Data Types
<a href="#">449 MHz Wind Profiler Digital</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Datalogger CR800</a>	Hydrometeorology Testbed - West	2013-05-08	<a href="#">view</a>
<a href="#">GpsTrimble NetR8</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Net Radiation REBS Q7.1</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Pressure Sensor - PTB110B</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Radio Acoustic Sounding System</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Solar Radiation - CMP3</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Temp/RH CS215</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Tipping Bucket TE525</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>
<a href="#">Wind Speed and Direction 5106-5A</a>	Hydrometeorology Testbed - West	2013-03-22	<a href="#">view</a>

Clicking the "view" link to launch a page that displays detailed information about data types available for the instruments at the current site.

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Physical Sciences Laboratory


Home » Data » PSL Wind Profiler

Sites: Bodega Bay (bby) | Project: All  
 Instrument Types: 449 MHz Wind Profiler Digital | Instrument Categories: All  
 Data Types: All | Data Format: All  
 Start Date: 2013-03-22 | End Date:

[Update Map/Table](#)

Hide Map  Hide Table  Auto Scale Map

Map | Satellite



Site ID	Data Type Name	Start Date	End Date	Active	Realtime	Realtime Directory	Data State	Data Description
bby	Radar 449MHz-Spectra	2013-03-22		Y	N		Binary	
bby	Radar 449MHz-Moment	2013-03-22		Y	N		Binary	
bby	Radar 449MHz-Bright Band	2013-03-22		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
bby	Radar 449MHz-Weber Wuertz Wind	2013-03-22		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
bby	Radar 449MHz-Weber Wuertz Temp	2013-03-22		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
bby	Integrated Water Vapor Flux	2013-03-22		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
bby	Integrated Water Vapor Flux Plot	2013-03-22		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>

Clicking the "view" under the "Realtime Directory" column will open the FTP directory where you can access the data currently being collected.

Clicking the "view" under the "Data Description" column will display a data description for the selected product.

This page can also be used to independently display instrument information and data at other sites.



# Data & Image Products – Observations Map

<https://psl.noaa.gov/data/obs/sitemap/psdmapdata/mapdata.php>

PSL Wind Profiler Data: NOAA | X

https://psl.noaa.gov/data/obs/datadisplay/ 90%

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By default, most recent hourly temperature is displayed for active sites that operate a temperature sensor.

## Real-Time Observations

Map Satellite

Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)
- Accumulated Precipitation (in)

Wind and Precipitation Radar Data

- Snow Level (kft msl)
- Profiler Wind Speed And Direction (mph)
- Height (m msl):

Integrated Water Vapor Flux (cm)(m/s)

NEXRAD Data

- Radar Relectivity Mosaic

Menu

- Data & Image Products
  - Availability
  - Observations Map**
  - Soil, Radiation, & Flux Plots
  - Satellite Products
- Data Tools
  - Active Sites
  - Scanning Radar
  - CalNex Trajectories
  - Texas Trajectories
- Data & Image Archive
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  - Site Inventory - Map
- Downloads
  - Data and Image

United States

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PSL Wind Profiler Data: NOAA

https://psl.noaa.gov/data/obs/s

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# Real-Time Observations

Map Satellite

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Surface Meteorology Data  
 Temperature (F)  
 Integrated Water Vapor (cm)  
 Snow Depth (in)  
 Wind Speed & Direction (mph)  
 Accumulated Precipitation (in)

Wind and Precipitation Radar Data  
 Snow Level (kft msl)  
 Profiler Wind Speed And Direction (mph)  
 Height (m msl):

Integrated Water Vapor Flux (cm)(m/s)

NEXRAD Data  
 Radar Relectivity Mosaic

▢ = Data Missing   ▢ = No Valid Data

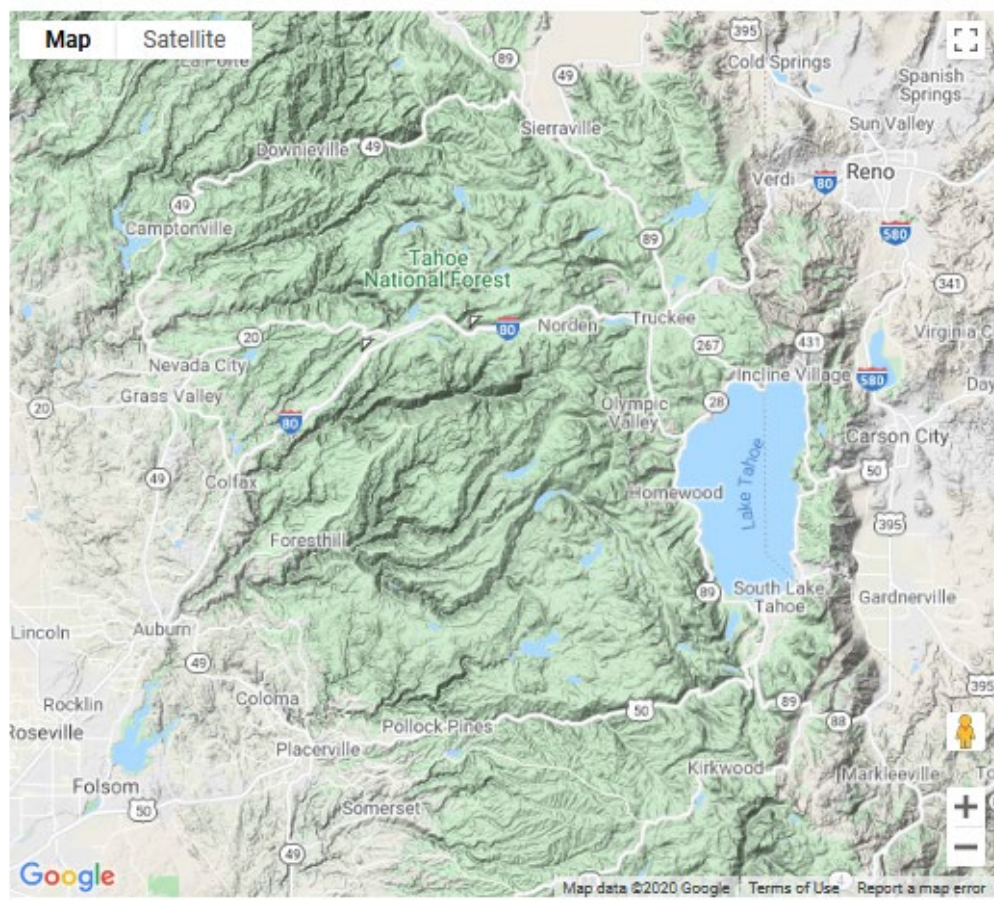
Displays integrated water vapor (IWV) for active sites that have an IWV/GPS sensor.





# Real-Time Observations

Menu



### Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)
- Accumulated Precipitation (in)

Displays hourly snow depth for active sites with a snow depth sensor.

### Wind and Precipitation Radar Data

- Snow Level (kft msl)
- Profiler Wind Speed And Direction (mph)
- Height (m msl):

### Integrated Water Vapor Flux (cm)(m/s)

### NEXRAD Data

- Radar Relectivity Mosaic

PSL Wind Profiler Data: NOAA

https://psl.noaa.gov/data/obs/s 80%

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# Real-Time Observations

Map Satellite

**Oroville (ove)**  
 Latitude: 39.511930  
 Longitude: -121.629200  
 Elevation: 56 meters

*Windspeed = 23 (mph) Direction = 6 (deg)*  
*Observation valid from: 2020-10-26 18:58 UTC to: 2020-10-26 18:58 UTC*

**Surface Meteorology Data**

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)

**Accumulated Precipitation (in)**

-

**Wind and Precipitation Radar Data**

- Snow Level (kft msl)

**Profiler Wind Speed And Direction (mph)**

Height (m msl): -

**Integrated Water Vapor Flux (cm)(m/s)**

-

**NEXRAD Data**

- Radar Relectivity Mosaic

Google

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Displays hourly surface wind speed and direction in the form of wind barbs for active sites that operate an anemometer.

Drop-down menu at wind barb location displays the wind speed and direction values.



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https://psl.noaa.gov/data/obs/s

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# Real-Time Observations

Map Satellite

Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)

Accumulated Precipitation (in)

48Hr

Wind and Precipitation Radar Data

- Snow Level (kft msl)

Profiler Wind Speed And Direction (mph)

Height (m msl): -

Integrated Water Vapor Flux (cm)(m/s)

-

NEXRAD Data

- Radar Relectivity Mosaic

Google

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Displays 1, 3, 6, 12, 24, and 48 hour accumulated precipitation for active sites that operate a rain gauge.

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https://psl.noaa.gov/data/obs/ 80%

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# Real-Time Observations

### Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)

Accumulated Precipitation (in)

-

### Wind and Precipitation Radar Data

- Snow Level (kft msl)

Profiler Wind Speed And Direction (mph)

Height (m msl): -

Integrated Water Vapor Flux (cm)(m/s)

-

### NEXRAD Data

- Radar Relectivity Mosaic

Displays current radar-derived snow level for all active sites that operate a wind profiler, S-band, or FMCW radar.



PSL Wind Profiler Data: NOAA

https://psl.noaa.gov/data/obs/s

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# Real-Time Observations

Map Satellite

Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)

Accumulated Precipitation (in)

Wind and Precipitation Radar Data

- Snow Level (kft msl)

Profiler Wind Speed And Direction (mph)  
Height (m msl): 2000

Integrated Water Vapor Flux (cm)(m/s)

NEXRAD Data

- Radar Relectivity Mosaic

Google

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🚩 = Data Missing 🚫 = No Valid Data

Displays hourly wind speed and direction, in the form of wind barbs, at a multitude of altitudes for active sites that operate a wind profiler.

Drop-down menu at wind barb location displays the wind speed and direction values.

PSL Wind Profiler Data: NOAA

https://psl.noaa.gov/data/obs/s 80%

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# Real-Time Observations

Map Satellite

Surface Meteorology Data

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)

Accumulated Precipitation (in)

-

Wind and Precipitation Radar Data

- Snow Level (kft msl)

Profiler Wind Speed And Direction (mph)

Height (m msl): -

Integrated Water Vapor Flux (cm)(m/s)

Total Flux

NEXRAD Data

- Radar Relectivity Mosaic

Google

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Displays hourly total water vapor flux or upslope water vapor flux for active sites that operate a wind profiler and integrated water vapor (IWV) GPS sensor.



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https://psl.noaa.gov/data/obs/s 80%

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# Real-Time Observations

Map Satellite

**Surface Meteorology Data**

- Temperature (F)
- Integrated Water Vapor (cm)
- Snow Depth (in)
- Wind Speed & Direction (mph)
- Accumulated Precipitation (in)  
-

**Wind and Precipitation Radar Data**

- Snow Level (kft msl)
- Profiler Wind Speed And Direction (mph)
- Height (m msl): -

**Integrated Water Vapor Flux (cm)(m/s)**

-

**NEXRAD Data**

- Radar Relectivity Mosaic

Displays current NWS radar reflectivity mosaic.

# Data Tools – Active Sites

<https://psl.noaa.gov/data/obs/datadisplay/tools/ActiveSites.html>

PSL Data Tools: NOAA Physical Sciences Laboratory

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Home » Data » PSL Data Tools

## Data Tools - Active Sites

Menu

Tool: Radar 449MHz-Model Comparison Plot Description Site: Bodega Bay (bby) Date: 2020-10-2

--RESET--

Integrated Water Vapor Flux Plot

Low Radar 449MHz-Model Comparison Plot

Snow Level Verification Plot

### NOAA Physical Sciences Laboratory

#### Radar and HRRR Model Wind Comparison

Radar Winds

Height (km MSL)

HRRR Winds

Height (km MSL)

Active Sites

Scanning Radar

CalNex Trajectories

Texas Trajectories

Data & Image Archive

Active Sites

Inactive Sites

Site Information

Site Status

Site Inventory - Listing

Site Inventory - Map

Downloads

Data tools are image products derived from a multitude of instrument measurements and sites that are used for research analysis, hydrometeorological forecasting, and decision support.

When no sites are selected, all available tools are shown within the "Tool" drop-down list. Once a site is selected, only the tools that are available for the selected site are shown in the "Tool" drop-down menu



# Data Tools – Scanning Radar

[https://psl.noaa.gov/data/obs/sitemap/ScanRadar/scan\\_radar\\_dual.php](https://psl.noaa.gov/data/obs/sitemap/ScanRadar/scan_radar_dual.php)

The screenshot displays the NOAA Physical Sciences Laboratory website. The main content area is titled "Data Tools - Scanning Radar" and features two side-by-side radar maps. The left map is labeled "Map1: DAX (0.5-deg reflectivity)" and the right map is labeled "Map2: MUX (0.5-deg reflectivity)". A "Match Map2 View" link is positioned between the two maps. Above the maps, there are controls for "Animation Speed" (Slow to Fast), "Image Opacity" (0% to 100%), and "Looptime (minutes)" (set to 30). There are also radio buttons for "Data Source" (Realtime selected, Historical) and "Realtime Status" (DAX, SCW, MUX, STO). A "Menu" button is located in the top right of the main content area. The sidebar on the right contains a "Data & Image Products" section, a "Data Tools" section with "Scanning Radar" highlighted in a red box, and other sections like "Data & Image Archive", "Site Information", "Downloads", and "Instruments".

The scanning radar tool allows for side-by-side comparisons of PPI radar scans acquired by NWS WSR 88-D radars and the Advanced Quantitative Precipitation Information (AQPI) X-band radars sited in the San Francisco Bay Area to support more precise rainfall forecasting of atmospheric rivers.

Radar comparison products are selected for each map in the drop-down menus.

Display domains can be made identical by clicking on the match links above each map.

Historical radar products for past years are available for display by selecting the historical data source.



# Data & Image Archive – Active Sites

<https://psl.noaa.gov/data/obs/datadisplay/archive/ActiveSites.html>



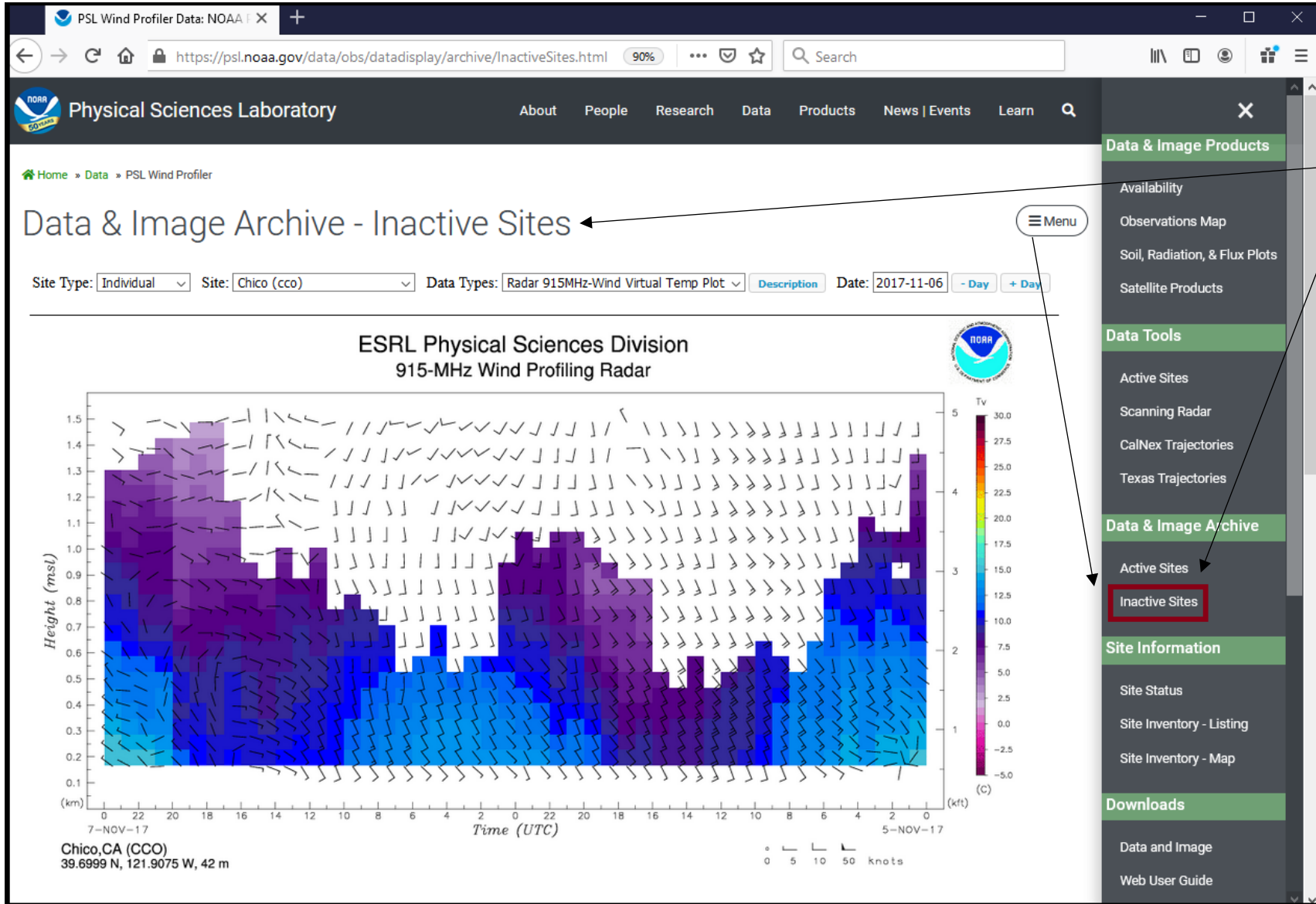
The data and image archive provides a browser interface for viewing current and historical products for currently active sites.

Products for individual sites and groups of sites are selected using the "Site Type" drop-down menu.

The "Site" and "Data Types" menus are dynamically populated based on the items selected in the other menus.

# Data & Image Archive – Inactive Sites

<https://psl.noaa.gov/data/obs/datadisplay/archive/InactiveSites.html>



The data and image archive provides a browser interface for viewing historical products for sites that are no longer active.

Functionality is the same as the Data and Image Archive – Active Sites.



# Site Information – Site Status

<https://psl.noaa.gov/data/obs/sites/realtimesys.php>

PSL Wind Profiler Data: NOAA

Physical Sciences Laboratory

Home » Data » PSL Wind Profiler

## Site Status

Site Status as of **Monday 26th of October 2020 10:37:12 PM UTC**

Number of Open Failures: 17

SiteID: \* Status: Open FailureType: \*

FailureID	SiteID	Site Name	State	Failure Type	Start Date	End Date	Failure Description	Resolution Description
742	ata	Alta	CA	Communication - Cellular	2020-10-16 02:00:00		Can't connect to cellular modem	
740	fms	Freeman Springs	AZ	Hardware - Instrument	2020-09-14 05:12:00		5-cm soil temperature sensor malfunction	
737	snf	Spanish Flat	CA	Communication - Cellular	2020-08-19 00:01:08		Can't connect to cellular modem	
739	hld	Hopland	CA	Hardware - Instrument	2020-08-12 07:48:00		15-cm soil temperature sensor malfunction	
729	lsn	Lake Sonoma	CA	Communication - Cellular	2020-07-10 13:02:00		Unable to connect to cellular modem	
730	std	Shasta Dam	CA	Hardware - Instrument	2020-07-09 15:00:00		Radar hardware issues; data acquisition has been disabled until the hardware issues are resolved	
728	ner	New Exchequer Dam	CA	Hardware - Instrument	2020-07-06 15:44:00		Radar PC can't connect to datalogger. Possible data cable/connector issue.	
738	boc	Black Oak	AZ	Hardware - Instrument	2020-06-29 20:25:00		5-cm soil temperature sensor malfunction	
724	bbd	Big Bend	CA	Communication - Cellular	2020-06-10 13:02:00		Can't connect to cellular modem	
718	sld	Soledad	CA	Communication - Cellular	2020-05-14 10:00:00		Unable to connect to cellular modem	

Menu

Data & Image Products

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- Soil, Radiation, & Flux Plots
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Site Information

- Site Status**
- Site Inventory - Listing
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The site status page lists the current technical issues occurring at active sites.

Past resolved issues can be selected and viewed for both current and past sites using the "SiteID" and "Status" drop-down menus.

Entries may also be filtered based on failure type.

# Site Information – Site Inventory - Listing

<https://psl.noaa.gov/data/obs/sites/site.php>

Physical Sciences Laboratory

Home » Data » PSL Wind Profiler

## Site Inventory

State: \* Active: Y Search SiteName:

1 2 3 4 5 Next

Site ID	SiteName	State	Latitude	Longitude	Elevation (m)	Start Date	Active	RealTimeDisplay
acv	McKinleyville	CA	40.972000	-124.110000	56	2015-11-18	Y	Y
and	Arnold	CA	38.235000	-120.364000	1184	2011-04-18	Y	Y
ast	Astoria	OR	46.156900	-123.883000	3	2015-09-03	Y	Y
ata	Alta	CA	39.198300	-120.815500	1048	2005-11-16	Y	Y
bbd	Big Bend	CA	39.309000	-120.518000	1754	2006-11-16	Y	Y
bbf	Black Butte Lake	CA	39.813100	-122.369300	160	2012-11-14	Y	Y
bby	Bodega Bay	CA	38.319100	-123.072800	15	2003-12-19	Y	Y
bcc	Boyes Creek Canyon	CA	39.340530	-123.163490	317	2019-10-31	Y	Y
bdh	BodegaHead (P183)	CA	38.313700	-123.068900	10	2014-05-16	Y	Y
bht	Brush Mountain	CA	40.913800	-123.668300	1192	2018-02-01	Y	N
bkr	Baker (P618)	CA	35.141998	-116.103996	257.8	2011-11-07	Y	Y
blu	Blue Canyon	CA	39.275900	-120.709000	1604	2004-11-11	Y	Y
bnf	Burnt Mountain	OR	43.219200	-123.842800	673	2018-02-01	Y	N
boc	Black Oak	AZ	31.556800	-110.544200	1566	2008-05-21	Y	Y
brg	Burnt Ridge (P188)	CA	38.669998	-123.230003	240	2009-12-04	Y	Y
brn	Burns Junction	OR	42.779500	-117.843530	1181	2012-05-16	Y	Y
bsr	Barstow	CA	34.918600	-117.012000	645.204	2015-05-08	Y	Y
bve	Bridgeville	CA	40.473869	-123.792820	205	2014-08-27	Y	Y
ccy	CedarCyn (P298)	CA	36.015800	-120.293999	50	2010-12-10	Y	Y
cdt	CoDeTierra (P177)	CA	37.528200	-122.495000	72	2014-05-16	Y	Y
cfc	Colfax	CA	39.079500	-120.937900	643	2007-11-13	Y	Y
cff	Colfax(FMCW)	CA	39.079756	-120.937859	644	2008-12-10	Y	Y
cfx	Colfax	CA	39.090900	-120.948300	731	2005-11-23	Y	Y
cmn	Camino	CA	38.735300	-120.664400	1006	2011-03-30	Y	Y
cna	Corona (CNPP)	CA	33.858002	-117.609001	300.2	2011-11-07	Y	Y

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The site inventory page lists the site attributes for active sites.

The "Active" menu may be used to list site information for inactive sites as well.

Use the "State" menu to filter sites by state within the U.S.

# Site Information – Site Inventory - Map

<https://psl.noaa.gov/data/obs/data/>

The screenshot displays the NOAA Physical Sciences Laboratory website. The main heading is "Site Inventory". Below the heading is a filter panel with dropdown menus for "Sites", "Instrument Types", "Data Types", "Project", "Instrument Categories", and "Data Format", along with "Start Date" and "End Date" input fields. A "Map" button is highlighted, and a "Menu" button is also visible. The map shows the United States with numerous red and blue pins representing site locations. Below the map is a table with columns: Site ID, Data Type Name, Start Date, End Date, Active, Realtime, Realtime Directory, Data State, and Data Description. The table lists various data types such as Datalogger Campbell-SurfaceMet, Gps Trimble-Raw, Radar 449MHz-Spectra, etc.

Site ID	Data Type Name	Start Date	End Date	Active	Realtime	Realtime Directory	Data State	Data Description
acv	Datalogger Campbell-SurfaceMet	2015-11-18		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
acv	Gps Trimble-Raw	2015-11-18		Y	Y	<a href="#">View</a>	Binary	<a href="#">View</a>
acv	Radar 449MHz-Spectra	2015-11-18		Y	N		Binary	
acv	Radar 449MHz-Moment	2015-11-18		Y	N		Binary	
acv	Radar 449MHz-Bright Band	2015-11-18		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
acv	Radar 449MHz-Weber Wuertz Wind	2015-11-18		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
acv	Radar 449MHz-Weber Wuertz Temp	2015-11-18		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
acv	Integrated Water Vapor Flux	2016-08-04		Y	Y	<a href="#">View</a>	ASCII	<a href="#">View</a>
acv	Gps Trimble-Water Vapor	2015-11-18		Y	Y	No public access	ASCII	
acv	Integrated Water Vapor Flux Plot	2016-08-04		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>
acv	Radar 449MHz-Wind SNR Plot	2015-11-18		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>
acv	Radar 449MHz-Wind Barb Plot	2015-11-18		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>
acv	Radar 449MHz-Wind Virtual Temp Plot	2015-11-18		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>
acv	Radar 449MHz-Wind Virtual Theta Plot	2015-11-18		Y	Y	<a href="#">View</a>	Image	<a href="#">View</a>

The site inventory map provides a combination of numerous menus, maps, and tables to browse site, instrument, and data type information for both active and inactive sites.