

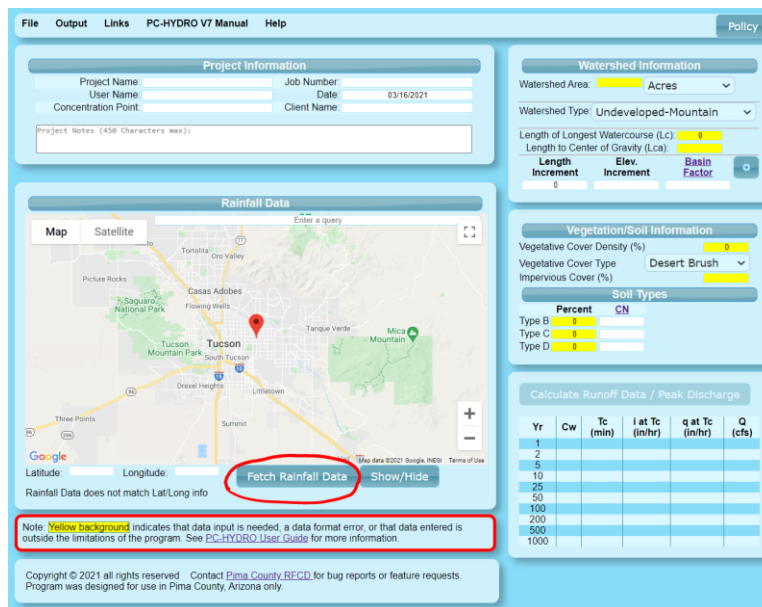


March 16, 2021

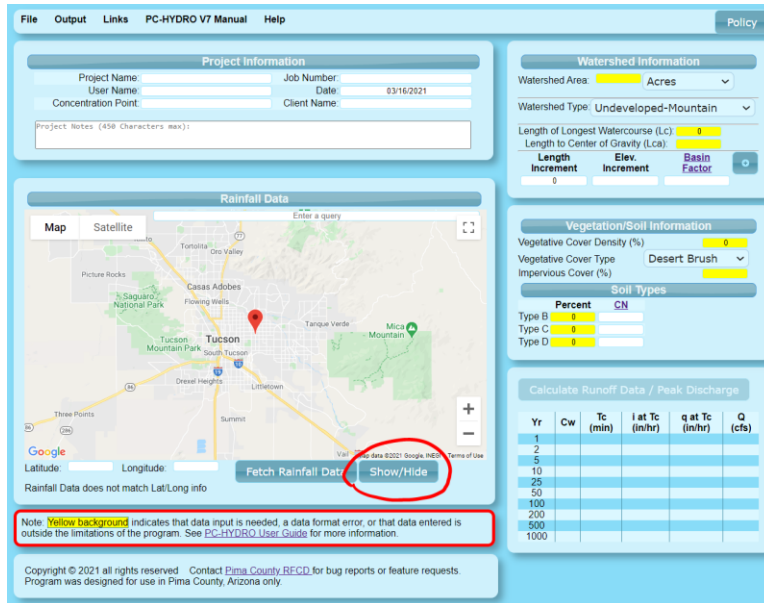
Re: PC-HYDRO Version 7.1 – NOAA Atlas 14 Unavailable

The NOAA Atlas 14 Precipitation Frequency Data (PFD) Data Server, which PC-HYDRO points to acquire rainfall data is currently unavailable. From the National Oceanic and Atmospheric Administration (NOAA) and the National Weather Service (NWS): [As of 11:45am Eastern March 9, 2021, the Precipitation Frequency Data Server is unavailable until further notice due to data center problems. Teams are working to resolve the issues.](#)

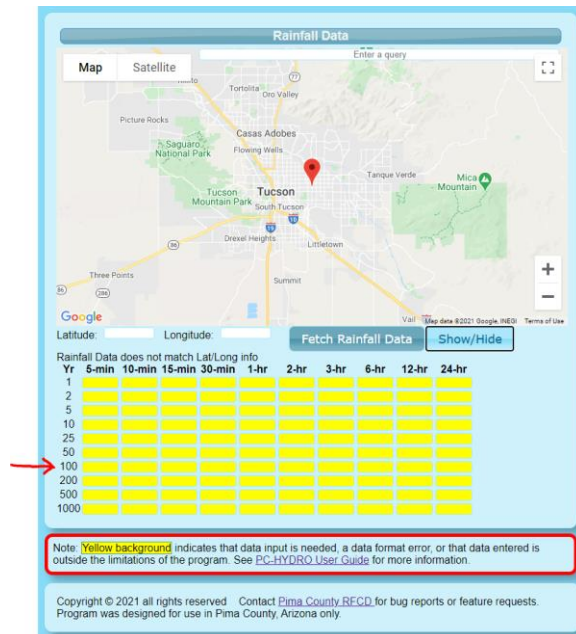
On the PC-HYDRO data input page, the NOAA Atlas 14 rainfall data is retrieved by scrolling to the latitude and longitude of the desired location on the Rainfall Data Map and selecting the 'Fetch Rainfall Data' tab. As the NOAA rainfall data is unavailable, the following message will appear: *Unable to connect to noaa website. Please try again.* https://hdsc.nws.noaa.gov/cgi-bin/hdsc/new/cgi_readH5.py?lat=32.4104&lon=-111.2809



Though PC-HYDRO cannot point to and utilize the NOAA Atlas 14 rainfall data, **PC-HYDRO still functions properly as a hydrologic computation software** by entering rainfall data manually. When selecting the 'Show/Hide' tab, an empty depth-duration-frequency table opens, displaying a series of yellow cells. Consistent with the other modeling input parameters, yellow cells indicate an input required to complete the computation.



Should a user be only interested in a single frequency event (i.e. 100-year), only the rainfall data of that frequency event needs to be accurate. However, all other cells still need to be entered with a valid positive numeric value.



The District recognizes that this may be an inconvenience to some users, as many persons do not have access to accurate rainfall data outside of NOAA Atlas 14. The District is working to resolve this situation. Please contact Jacob Prietto (jacob.prietto@pima.gov) for more information.