

As promised we have updated the Four Corners Aerometric and Hydrometric Monitoring Networks (4CAMoN-GIS ) Website. The key improvements are summarized below.

1. The 4CAMoN-GIS website now includes aerometric sites in all four of the Four Corners States as well as all meteorological sites within 500 km from the center of the San Juan Basin. The total number of air quality, visibility, deposition, and concentration monitoring sites are 350 and there are 341 meteorological sites included in the website.
2. In addition to providing the general network web link for downloading the historical data on the 4CAMoN-GIS website inside the "Data" tab, some sites such as IMPROVE, CASTNET, NADP, AERONET, RAWS, ASOS, AWOS as well as some SLAMS have the individual direct web link to go to the individual site page, which shows meta data and current monitoring data summary. The co-located sites will have web link in the order of CASTNET, IMPROVE, NADP, NPS, SLAMS/NAMS respectively.
3. The monitoring networks in the website are arranged in the two groups; air stations and met stations. The air stations include CASTNET, IMPROVE, NPS-GPMP, NPS-VIS, NPS-POMS, NPS-PASVO3, SLAMS, NAMS, SPMS, ARM, NADP-NTN, NADP-MDN, AERONET, TRIBAL, and OTHER Networks. The met stations include RAWS, ASOS, AWOS, TRIBAL, GSD, AERONET, NWS, LTER, WSMR, NADP etc. There will not be any overlap of the sites since the data is arranged in by Longitude and Latitude, so one location can have more than one type of network.
4. The query function is improved in the website which enables users to do the query either by network name or by parameters measured. For example if someone queried for NAMS sites, all the individual sites as well as co-located NAMS sites will be shown as on the GIS map as well as a table. The table will be similar to what users see now with improvement in the web link and other columns.
5. Although most of the information about the monitoring sites on the 4CAMoN-GIS website was obtained from other existing web sites on the internet but also includes information provided by Colorado Air Pollution Control Division and New Mexico Air Quality Bureau.
6. Six new ammonia monitors have been added to the 4CAMoN-GIS database.

Mike