

Table D.4. Regional Hydroclimate Data Synopsis

Data Provider	Data Type	URL (grey if no Internet access to data)	Notes
Arizona Dept. of Transportation (Rural Weather Information System)	Real-time weather and roadway conditions	http://www.az511.com/hcrsweb/hcrsweb.jsp	Variables: temperature, precipitation, rainfall rate, wind speed and direction, wind gust, barometric pressure, RH, dewpoint, roadway camera shots
Arizona Flood Warning and Drought Monitoring Webpage	Real-time weather and streamflow observations	http://data.afws.org/sui/frontPage.aspx AND data.afws.org/sui/Map.aspx	USGS, ALERT, NWS; Variables: precipitation, streamflow, stage; Time scales: real-time to daily
Arizona Hydrologic Information System (AHIS)	Hydrologic and drought data (expected)	http://www.azwaterinstitute.org/ahis/	In progress; Expected completion: Fall 2008. Should include integration with Arizona Flood Warning and Drought Monitoring, CUAHSI, and SAHRA's Arizona Wells data.
Arizona Office of the State Climatologist	Weather real-time	http://www.public.asu.edu/~aunj/index.html	Links to MesoWest, NWS, Western Regional Climate Center -- weather and climate data; other useful information
BHP Billiton		http://www.bhpbilliton.com/bb/sustainableDevelopment/environmentalCommitment/climateChange.jsp	No data online
Bureau of Land Management (MesoWest ROMAN)	Real-time weather data from Remote Automated Weather Stations (RAWS)	http://raws.wrh.noaa.gov/roman/ AND http://www.met.utah.edu/mesowest/	Variables: temperature, precipitation, rainfall rate, wind speed and direction, wind gust, solar radiation, RH, dewpoint; Time scales: hourly; Graphs: hourly to monthly; can download spreadsheet data
Bureau of Land Management (Western Regional Climate Center)	Archived weather data from Remote Automated Weather Stations (RAWS)	http://www.raws.dri.edu/index.html	Variables: temperature, precipitation, rainfall rate, wind speed and direction, wind gust, solar radiation, RH, dewpoint; Time scales: hourly; Graphs: hourly, daily, monthly;

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Consortium of Universities for the Advancement of Hydrologic Science (CUAHSI)	Hydrologic Information System (functional, but under development)	http://www.cuahsi.org/index.html	EPA, NWIS, SNOTEL data; Variables include stream discharge, water quality, snow, others
Hopi Tribe	Archived weather observations	http://www.hopitribe.org/data.htm	Variables: soil temp. air temp., leaf wetness, % humidity, rainfall, soil moisture, solar radiation, wind gust, wind speed, wind direction; Time scales: hourly, daily; Spreadsheet download available
MesoWest	Real-time weather data; click on state; download up to 30 days of data from any station with account (downloading 24 hours of data remains available without an account)	http://www.met.utah.edu/mesowest/	Data from various networks: BLM, NWS, USDA-NRCS, UDOT, USGS, others. Variables: temperature, precipitation, rainfall rate, wind speed and direction, wind gust, solar radiation, RH, dewpoint; Time scales: hourly; Graphs and map display: hourly to monthly; can download spreadsheet data
NAPI - Navajo Pride	Weather real-time	http://www.navajopride.com/index.php -- Some data served through the New Mexico Climate Center	No data online
National Park Service (Western Regional Climate Center -- Climate Inventory Project)	Archived climate data by state; links to various sources	http://www.wrcc.dri.edu/nps/	Variables: temperature, precipitation, snow, derived variables (heating/cooling degrees, others)
National Weather Service	NOWData	http://www.weather.gov/climate/xmacis.php?wfo=fgz	Various daily and monthly summaries for all NWS stations, including records and extremes for current and previous month

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National Weather Service, Albuquerque	Weather real-time	http://www.weather.gov/climate/index.php?wfo=abq	Variables: temperature, precipitation, wind speed and direction, wind gust, SLP, RH, cloudiness, snow; Time scales: daily, monthly; Various data displays
National Weather Service, Flagstaff	Weather real-time	http://www.weather.gov/climate/index.php?wfo=fgz	Variables: temperature, precipitation, wind speed and direction, wind gust, SLP, RH, cloudiness, snow; Time scales: daily, monthly; Various data displays
Navajo Nation Safety of Dams	Weather and streamflow real-time	Limited information served through Navajo Nation Water Management Branch web site	No website
Navajo Nation Water Management Branch	Maps with precipitation reports	http://www.frontiernet.net/~nndwr_wmb/water_monitoring_inventory.htm	precipitation rain cans only
New Mexico Climate Center	Weather real-time	http://weather.nmsu.edu/data/data.htm	Variables: precipitation, temperature, soil temperature, solar radiation, humidity, wind; Time scales: hourly to daily
New Mexico Department of Transportation	Weather real-time	http://flex.nmroads.com/	Maps with weather summaries and road conditions
Northern Arizona MesoNet	Weather real-time	http://www.cens.nau.edu/~nauws/nam.html	Variables: temperature, precipitation, rainfall rate, wind speed and direction, wind gust, wind chill, heat index, SLP, RH; Weather data display; access to monthly, and 2-minute data (current and previous day)

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NorthWest Weather.net, Inc.	Radar- generated weather maps	http://www.nw-weather.net/links.html	Locations include: NM -- Farmington; AZ -- Flagstaff, St. Johns, Page; UT -- Logan, Dugway, Milford, Price
Office of Surface Mining R & E		http://www.osmre.gov/	Mostly reports and information
Peabody Energy			Data kept on-site, no web access
SAHRA -- Arizona Wells (groundwater database)	Groundwater well database; Arizona Department of Water Resources data	http://www.sahra.arizona.edu/wells/	Variables: depth to groundwater; Time scales: monthly to annual; Extensive metadata
Salt River Project	Reservoir levels for Salt and Verde River watersheds	http://www.srpnet.com/water/dams/default.aspx AND http://www.usbr.gov/dataweb/html/saltriver.html	SRP and US Bureau of Reclamation Data and metadata
USDA-NRCS	reservoir levels, snow, water supply forecasts, streamflow forecasts	http://www.wcc.nrcs.usda.gov/	Daily, Monthly (some hourly)
USDA-NRCS	daily streamflow forecasts	http://www.wcc.nrcs.usda.gov/wsf/daily_forecasts.html	Streamflow discharge forecasts, skill assessment; Spreadsheet download available

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USDA-NRCS SNOTEL	Daily snow, temperature, precipitation reports (some hourly data available); Extensive data archive	http://www.wcc.nrcs.usda.gov/snow/	Variables: snow water equivalent, temperature, precipitation; Time scales: hourly to daily
USDA-NRCS Soil Climate Analysis Network (SCAN)	daily soil moisture; others	http://www.wcc.nrcs.usda.gov/scan/Utah/utah.html	Hourly and daily data for current and previous month
USGS	Drought information	http://az.water.usgs.gov/droughtmaps/droughtmaps.htm	Maps for Arizona only
USGS	Real-time water data	http://waterdata.usgs.gov/nwis	Variables: precipitation, streamflow discharge, gage height; Time scales: hourly to annual; Spreadsheet download available
USGS - Arizona	Real-time Data for Arizona Streamflow	http://waterdata.usgs.gov/az/nwis/current/?type=flow	Variables: precipitation, gage height, discharge; time scales: daily, monthly, annual statistics; metadata on field measurements and sampling
USGS - New Mexico	Real-time Data for New Mexico Streamflow	http://waterdata.usgs.gov/nm/nwis/current/?type=flow	Variables: precipitation, gage height, discharge; time scales: daily, monthly, annual statistics; metadata on field measurements and sampling
USGS - Utah	Real-time Data for Utah Streamflow	http://waterdata.usgs.gov/ut/nwis/current/?type=flow	Variables: precipitation, gage height, discharge; time scales: daily, monthly, annual statistics; metadata on field measurements and sampling
Utah Department of Transportation	Real-time weather data and road condition monitoring	http://commuterlink.utah.gov/ie.htm	Text summaries of weather conditions. Some data served through MesoWest.

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Western Regional Climate Center	Climate data archive	http://www.wrcc.dri.edu/ AND http://www.wrcc.dri.edu/Climsum.html (station data) AND http://www.cefa.dri.edu/Westmap/ (WESTMAP monthly to annual data back to 1895, by state, climate division, county)	NWS, RAWS, SNOTEL; Variables: precipitation, snow, temperature, wind; Time scales: hourly to annual; Station metadata; Various products: WESTMAP climate data; ACIS weather and climate maps
Zuni Tribe		http://www.ashiwi.org/	Homepage for the Zuni Tribe