

**NCDC CLIMATE Products and Services**

<b>Product/Service Name</b>	<b>Product Components</b>	<b>Update Frequency</b>	<b>Users</b>	<b>Benefits</b>	<b>Web URL</b>
Pacific Region Integrated Climatology Information Products (PRICIP)	Numerous derived data and tailored information products with a focus on the Pacific region and extreme storm events.	Quarterly	Emergency managers, mitigation planners, government agencies and decision makers in key sectors including water and natural resource management, agriculture and fisheries, transportation and communication, and recreation and tourism.	PRICIP is exploring how the climate-related processes that govern extreme storm events are expressed within and between three thematic areas: heavy rains, strong winds, and high seas PRICIP will improve our understanding of patterns and trends of storm f	<a href="http://www.pricip.org/">http://www.pricip.org/</a>
Sea Level Station Metadata Web Service	Station and systems met data for sea level stations Pacific and Indian Oceans.	Daily	Tsunami warning system managers to support tsunami detection and warning.	Virtually integrates information about sea levee stations needed to use the PTWC's Tide Tool application for tsunami detection and warning.	<a href="http://www.sealevelstations.org/">http://www.sealevelstations.org/</a>
Global Observing Systems Information Center (GOSIC)	Essentially based on the GCOS defined Essential Climate Variables that can be found at <a href="http://www.wmo.int/pages/prog/gcos/Publications/gcos-82_2AR.pdf">http://www.wmo.int/pages/prog/gcos/Publications/gcos-82_2AR.pdf</a>	Daily	NCDC internal, US and international customers (e.g., IPCC and UNFCCC), including NOAA users, ccsp, private sector, universities, etc	Provides users a centralized resource for finding international observing system datasets and information in a consistent fashion across many data centers; interfaces to various data centers are presented in a more consistent fashion	<a href="http://gosic.org">http://gosic.org</a>
Paleoclimate Data	Raw Proxy variable measurements (level I), processed mean values (Level II), and Reconstructed Climate Variables (Level III)	Irregular, approximately weekly	Four users: paleoclimate specialists, non-specialist scientists, decision-makers and resource managers, and general public/educators	Longer (paleo) climate time series help quantify natural climate variations, reveal climate sensitivity, and elucidate mechanisms such as abrupt climate change.	<a href="http://www.ncdc.noaa.gov/paleo/paleo.html">http://www.ncdc.noaa.gov/paleo/paleo.html</a>
US Climate Normals	1971-2000 US Normals, Historical Climatography Series Publications, Freeze/Frost Data, Dynamic Normals Products, misc other publications & products	Varies by product, but standard normals products are updated every 10 years	National and International research users, private companies and US government agencies, universities, NWS, WMO, etc	Provides climatological information for many parameters in a summarized form.	<a href="http://cdo.ncdc.noaa.gov/cgi-bin/climatenormals/climatenormals.pl">http://cdo.ncdc.noaa.gov/cgi-bin/climatenormals/climatenormals.pl</a>
NCDC standard, serial, and miscellaneous publications	Local Climatological Data, Climatological Data, Hourly Precipitation Data, Storm Data, Monthly Climatic Data for the World, Additional climatic summaries, publications & documents, Special/Technical Reports, Web Pages, etc	Generally monthly	National and International research users, private companies and US government agencies, universities, NWS, WMO, etc	Provides climatological information for many parameters in a summarized form. Also provides data/information regarding climate events.	<a href="http://www.ncdc.noaa.gov/oa/climate/climateproducts.html">http://www.ncdc.noaa.gov/oa/climate/climateproducts.html</a>

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Surface Data, Hourly	Integrated Surface Data (ISD) in various formats, ISD Summaries, Climate Reference Network (CRN) data, Local Climatological Data (LCD), Quality Contolled Local Climatological Data (QLCLD, web form), Hourly Precipitation Data (HPD), 15-Minute Precipitation Data, misc other hourly summaries	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization, along with GIS services	<a href="http://www.ncdc.noaa.gov/oa/climate/climatedata.html#hourly">http://www.ncdc.noaa.gov/oa/climate/climatedata.html#hourly</a>
Surface Data, Daily	Global Historical Climate Network (GHCN), Global Summary of the Day (GSOD), Global Climate Observing System (GOSIC) data, US Cooperative Network and National Weather Service data, misc other products	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization, along with GIS services	<a href="http://www.ncdc.noaa.gov/oa/climate/climatedata.html#daily">http://www.ncdc.noaa.gov/oa/climate/climatedata.html#daily</a>
Surface Data, Monthly	Global Historical Climate Network (GHCN), US Divisional Data, Annual Climate Summaries, US Cooperative and National Weather Service data, etc	Monthly	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization, along with GIS services	<a href="http://www.ncdc.noaa.gov/oa/climate/climatedata.html#monthly">http://www.ncdc.noaa.gov/oa/climate/climatedata.html#monthly</a>
Nexrad	Level II, Level III data and products	Daily	National and International research users, private companies and US government agencies, university professors, NWS	Provides users free access to Level II and Level III data.	<a href="http://www.ncdc.noaa.gov/nexradinv">http://www.ncdc.noaa.gov/nexradinv</a>
Marine Data	The International Comprehensive Ocean-Atmosphere Data Set Project (ICOADS), Voluntary Observing Ship Climate Project (VOSCLim), Paleoclimate data, misc other products	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization	<a href="http://www.ncdc.noaa.gov/oa/climate/climatedata.html#marine">http://www.ncdc.noaa.gov/oa/climate/climatedata.html#marine</a>
Upper Air Data	Upper Air Charts, NOAA National Operational Model Archive & Distribution System (NOMADS) products, Integrated Global Radiosonde Archive (IGRA) data, misc other products	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization	<a href="http://www.ncdc.noaa.gov/oa/upperair.html#dandp">http://www.ncdc.noaa.gov/oa/upperair.html#dandp</a> <a href="http://www.ncdc.noaa.gov/oa/climate/igra/index.php">http://www.ncdc.noaa.gov/oa/climate/igra/index.php</a>
GIS Services	Integrated Surface Data (ISD), US Divisional Data, NEXRAD, Paleoclimatology products, Climate Reference Network data, many other datasets/products	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata, data visualization tools, Web Map Services, and Web Feature Services	<a href="http://gis.ncdc.noaa.gov/aimstools/gis.isp">http://gis.ncdc.noaa.gov/aimstools/gis.isp</a>
NWS Bulletins and Maps	Service Records Retention System Data & Maps -- hundreds of NWS bulletins	Daily	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization	<a href="http://cdo.ncdc.noaa.gov/pls/plhas/HAS.FileAppSelect?datasetname=9957ANX">http://cdo.ncdc.noaa.gov/pls/plhas/HAS.FileAppSelect?datasetname=9957ANX</a> <a href="http://nomads.ncdc.noaa.gov:9091/ncep/NCEP">http://nomads.ncdc.noaa.gov:9091/ncep/NCEP</a>
CD-Rom & DVD Products	Integrated Surface Data (ISD), Cooperative Station Data, US Climate Normals, NCDC Serial Publications, Product & Services Guide, many other misc CD's and DVD's	Annually for selected CD/DVD products	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, etc	Provides users with easy access to data/metadata and data visualization	<a href="http://ols.nndc.noaa.gov/plolstore/plsql/olstore.prodlist?category=C&amp;subcatc=01&amp;groupin=CDV">http://ols.nndc.noaa.gov/plolstore/plsql/olstore.prodlist?category=C&amp;subcatc=01&amp;groupin=CDV</a>

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Health of the Network	Data receipt timeliness, data completeness, data quality, data validity, instrument changes, station moves, observation practice changes, etc. for COOP, GCOS GSN, GCOS GUAN, ASOS, NEXRAD, CRN	Monthly	NWS headquarters, regional and forecast offices, international data providers, NOAA users, State Climatologists and Regional Climate Centers.	Provides data providers with feedback both quantitatively and qualitatively on the delivery of their data/metadata, feedback on the quality of the data received.	<a href="http://www.ncdc.noaa.gov/oa/hofn/index/html">http://www.ncdc.noaa.gov/oa/hofn/index/html</a>
Weather Radar Visualization and Data Export	NCDC Java NEXRAD Viewer and Data Explorer provides tools for displaying custom data overlays, Web Map Services, animations and basic filters. Export allows both vector point/line/polygon and raster grid formats	As needed	National and International research users, private companies and US government agencies, university professors, NWS	Provides users an open system capability to visualize and export weather radar data	<a href="http://www.ncdc.noaa.gov/oa/radar/radarresources.html">http://www.ncdc.noaa.gov/oa/radar/radarresources.html</a>
Multi-network Metadata	Station histories, data inventories, data catalogs, and directories, documentation and other metadata	Appendic (as information becomes available)	US and international customers, including NOAA users, DOD, private sector, universities, etc	Provides users one location to locate station history and metadata information	<a href="http://www.ncdc.noaa.gov/oa/metadata/metadatarresources.html">http://www.ncdc.noaa.gov/oa/metadata/metadatarresources.html</a>
Web Search Store Retrieve Display (WSSRD)	Displays document images of surface weather observations, historic climate diaries and journals, cooperative weather observations, forms, publications, etc.	Daily	National users via on-line access and password. Users include NWS headquarters, regional and forecast offices, Regional Climate Centers, and State Climatologists, researchers	Provides electronic access to imaged data/documents that were formerly only accessible as paper archival records. WSSRD assists in data quality and in finding data errors.	<a href="http://www.ncdc.noaa.gov/oa/climate/cdmp/wssrd.html">http://www.ncdc.noaa.gov/oa/climate/cdmp/wssrd.html</a>
CD Quality Assurance Reports	missing stations, temperature and precipitation inconsistencies	Monthly	NOAA/NWS	Feedback from the NWS offices to ensure proper observation practices and correct metadata; data integrity	<a href="http://www.ncdc.noaa.gov/oa/nwsro/qareports.html">http://www.ncdc.noaa.gov/oa/nwsro/qareports.html</a>
Storms Events Database, Climatology & Extreme Events	Severe and Unusual Weather Events such as tornadoes, hail, high winds, and flooding to name a few, Climate Events web system, Climate Monitoring monthly reports, other misc products	Varies by product, but generally weekly to monthly updates	National and International research users, private companies and US government agencies, universities, NWS, DOD, WMO, News media, etc	Provides users with easy access to data/metadata and data visualization, along with GIS services	<a href="http://www4.ncdc.noaa.gov/cgi-win/www.cgi.dll?wwEvent-Storms">http://www4.ncdc.noaa.gov/cgi-win/www.cgi.dll?wwEvent-Storms</a> <a href="http://www.ncdc.noaa.gov/oa/climate/severeweather/extremes.html">http://www.ncdc.noaa.gov/oa/climate/severeweather/extremes.html</a>
Severe Weather Inventory	NEXRAD Level II and Level III products, Storm Events Database	Daily	NWS, Public, Researchers, and etc	Provides user access to the geodatabase via the NCDC web page to do event studies, comparisons between datasets, disaster mitigation. The results of the page queries may be saved in a variety of formats.	<a href="http://www.ncdc.noaa.gov/swdi">www.ncdc.noaa.gov/swdi</a>
Upper Air QA reports	Air Temperature, pressure level and height, dew point, wind direction and speed	Monthly	NWS	Isaac Cline Award	<a href="http://www1.ncdc.noaa.gov/pub/data/ua/reports/">http://www1.ncdc.noaa.gov/pub/data/ua/reports/</a>
Hourly Precip Data Reports	15-min and hourly precipitation values	Monthly	NWS, Public, Researchers and etc	Better quality data, and metadata reports	<a href="http://sirius.imcwv.com/login.cfm">http://sirius.imcwv.com/login.cfm</a>
NOAA's Climate Database Modernization Program (CDMP)	Image and or digitize NOAA's environmental and climate records . The main NCDC projects involve extending period of record data for hourly, and daily temperature and precipitation data. Information on the program with a current task listing are available in the latest annual report. (see web url)	Yearly	National users via on-line access and password. Users include NWS headquarters, regional and forecast offices, Regional Climate Centers, and State Climatologists, researchers	Provides electronic access to images and documents that were formerly only in a paper copy archive. Data that is digitized is also added to various NOAA databases and made accessible.	<a href="http://www.ncdc.noaa.gov/oa/climate/cdmp/cdmp.html">http://www.ncdc.noaa.gov/oa/climate/cdmp/cdmp.html</a>

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Climate Assessments	IPCC Reports, U.S. National Assessment, Artic Assessment	Daily and Monthly	Researchers, policymakers, educators, and others.	Improved analyses of the climate system for assessment activities.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>
International Surface Pressure Data Bank		Completed in late 2007. Not currently updated.	20th Century Reanalysis Project.	Improved atmospheric circulation fields and new reanalysis products.	No website at this time.
State of the Climate Report	Global Analysis, National Overview, U.S. Drought, & State of the Climate BAMS supplement	Online report is updated monthly.	Numerous businesses to assess impact of previous month's climate conditions on sales/business activity. Other private and public sector decision makers.	Businesses benefit from an understanding of the impact of previous month's/season's/year's climate conditions on sales and business activity. Government decision makers for gaining perspectives on how the climate continues to vary and change and its impact on society and economies.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>
Drought Monitoring	US Drought Monitor (USDM), North American Drought Monitor (NADM), Palmer "Z" Index Family of Products, & Monthly Palmer Drought Index	USDM: weekly NADM: monthly indices: depending on the index, some are updated weekly and others monthly	Interests in agriculture, energy production, commodity markets, water resource managers, government officials, others.	Provides situational awareness on current and evolving drought conditions and is an essential tool for drought planning, response, and mitigation activities.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>
National Integrated Drought Information System (NIDIS)	Drought Portal - Includes information on the current drought, forecasts, impacts, planning, education, and research.	Key portlet updates: USDM: weekly NADM: monthly CPC Seasonal Forecast: bi-monthly; indices: depending on the index, some are updated weekly and others monthly	Interests in agriculture, energy production, commodity markets, water resource managers, government officials, others.	Provides convenient drought-focused site and situational awareness on current and evolving drought conditions and is an essential tool for drought planning, response, and mitigation activities.	<a href="http://www.drought.gov">http://www.drought.gov</a>
Climate Indices	Convective Sigmoid Frequencies, Air Stagnation Index, Residential Energy Demand Temperature Index (REDTI), & U.S. Climate Extremes Index	Monthly	Depending on index, Federal officials, FAA/Airlines, Media, General Public	Provides perspectives on how climate of past month or season impacted various socioeconomic sectors of the nation.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>
Climate Query Tools	U.S. & Global Climate at a Glance, U.S. Records query tool	US & Global Climate at a Glance - Monthly US query tool - Daily	General public, media	Provides an online analysis and visualization of monthly climate information for the U.S. & global, including trend analysis The U.S records query tool provides records look up.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>
Snow Data	U.S. Snow Monitoring, U.S. Snow Climatology, The Northeast Snowfall Impact Scale (NESIS)	Daily	FEMA, businesses such as transportation and retail.	Provides near real-time daily snow data online.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>

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PacCIS (Pacific Climate Information Service)	A programmatic framework to integrate ongoing and future climate observations, operational forecasting services and climate projections, research, assessment, data management and education that will address the needs of the American Flag and US Affiliated Pacific Islands. PaCIS products will include: routine ENSO-based forecasts and analyses distributed by the Pacific ENSO Applications and Climate Center PEAC); Climate Service Division products tailored for Pacific Island jurisdictions; historical climate data, analyses and derived products developed by NCDC/IDEA; data and model analyses necessary to support vulnerability assessment	Product-dependent. Working Groups will develop and annually revise implementation plans in support of the PaCIS Action Plan approved in fall 2007. Each product line developed by the working groups will have defined timelines for evaluation and update; implementation plans and updates will be guided by the PaCIS Steering Committee.	NOAA and other federal agencies, universities, and decision-makers in key sectors including water and natural resource management, disaster management, agriculture and fisheries, public health, transportation and communication, and recreation and tourism.	Resilient and sustainable Pacific communities using climate information to manage risks and support practical decision-making in the context of climate variability and change,	Pending
Daily High-Resolution Blended Sea Surface Temperature Analyses.	Analyzed SST, SST Anomaly, Error (Random + Sampling + Bias), sea ice coverage	Daily	National and international scientists	Hurricane forecasting, fisheries, and as a boundary condition for atmospheric models.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/sst/oi-daily.php">http://www.ncdc.noaa.gov/oa/climate/research/sst/oi-daily.php</a>
Blended and Gridded High Resolution Global Sea Winds from Multiple Platforms	globally gridded, high resolution ocean surface vector winds and wind stresses on a global 0.25° grid, and multiple time resolutions of 6-hourly, daily, monthly, and 11-year (1995-2005) climatological monthlies	Monthly	Climate & oceanography researches; marine transportation; marine ecosystem, marine wind/wave energy industry	Understanding of the climate system; advancement of oceanography research; Index for fisheries; marine transportation safety; assistance in wind power infrastructure design	<a href="http://www.ncdc.noaa.gov/oa/rsad/seawinds.html">http://www.ncdc.noaa.gov/oa/rsad/seawinds.html</a>
Hurricane Satellite (HURSAT) Data	Global tropical cyclones at 8-km and 3-hourly resolution DERIVED FROM ISCCP	Yearly	Federal and university researchers	Provides ability for objective reanalysis of tropical storm properties (intensity, size, etc.)	<a href="http://www.ncdc.noaa.gov/oa/rsad/hursat/">http://www.ncdc.noaa.gov/oa/rsad/hursat/</a>
Inter-satellite Calibrated Upper Tropospheric Water Vapor	Cloud-cleared and limb-corrected HIRS data in their original swath resolution	As needed	National and international research users, universities.	Provides climatological information for the upper tropospheric water vapor.	<a href="http://www.ncdc.noaa.gov/oa/rsad/hirs-cs.html">http://www.ncdc.noaa.gov/oa/rsad/hirs-cs.html</a>
NOAA Operational Model Archive and Distribution System (NOMADS)	high volume numerical weather prediction and global climate models and data	Daily	edu, gov, com, international	Community access to historical NWP input and output; and limited climate models	<a href="http://nomads.ncdc.noaa.gov/data.php?name=access">http://nomads.ncdc.noaa.gov/data.php?name=access</a>
International Satellite Cloud Climatology Project (ISCCP)	Level B1 data and 3-hourly full disk browse imagery	Yearly	Federal and university researchers	Provides cloud cover climatology for the entire globe for 1983-present	<a href="http://www.ncdc.noaa.gov/oa/rsad/isccp1/index.php">http://www.ncdc.noaa.gov/oa/rsad/isccp1/index.php</a>
Extended Improved Reconstruction of Global SST	Analyzed SST, SST Anomaly, Sampling Error	Monthly	National and international scientists	Climate monitoring and change.	<a href="http://www.ncdc.noaa.gov/oa/climate/research/sst/sst.html">http://www.ncdc.noaa.gov/oa/climate/research/sst/sst.html</a>
Comprehensive Large Array-data Stewardship System (CLASS) - Satellite Data and Products	DMSP, GOES, POES, RADARSAT radiance data and derived Environmental Data Records	Continous ingest as data is processed	government, research, foreign, institutions, commercial	Near real-time and historical data for the entire period of the mission delivered online at no cost to users	<a href="http://www.class.noaa.gov">http://www.class.noaa.gov</a>

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Reprocessed DMSP SSMI and SSMIS TDRs/SDRs	Quality flags applied to SSMI data, reformatted to self-describing format (netCDF), corrupted scans removed from earlier SSMI data, period of record extended by several years. SSMIS data also reformatted with no quality flags.	As needed	National and International research users (e.g. Colorado State University), private companies and US government agencies (e.g. Navy NRL), university professors	Data preservation and increased scientific value of largest passive microwave data available. Data measurements have been used extensively to generate climate data sets (including rain, snow, ice, cloud liquid water, and total precipitable water) in support of both national and international programs.	<a href="http://www.ncdc.noaa.gov/oa/rsad/ssmi/ssmi.html">http://www.ncdc.noaa.gov/oa/rsad/ssmi/ssmi.html</a>
Reprocessed HADS hourly precipitation	non-NOAA Hourly data and quality statistics with neighboring stations	Daily	edu, gov, com	Daily update of CONUS domain hourly precipitation data	<a href="http://eclipse.ncdc.noaa.gov:9090/hads">http://eclipse.ncdc.noaa.gov:9090/hads</a>
RCC: NOAA Regional Climate Center Products and Services	Numerous products with a regional focus for the following regions: South, Southeast, Northeast, Midwest, High Plains, and West	Varies by product, but many are updated daily or monthly	National and International research users, private companies and US government agencies, universities, NWS, WMO, etc	Provides climatological information for many parameters in a summarized form.	<a href="http://www.ncdc.noaa.gov/oa/climate/regionalclimatecenters.html">http://www.ncdc.noaa.gov/oa/climate/regionalclimatecenters.html</a>
RCC: User-specified custom interfaces to ACIS data and products	Custom interfaces designed on user needs. Specific interfaces include xmACIS, nowData, and agACIS that provide custom solutions for agency-wide data access and delivery.	Continuous	NWS, USDA, and general public	Provides operational and retrospective analysis products and access to historical and near real-time climate data to users that specify product parameters and display options	<a href="http://rcc-acis.org/">http://rcc-acis.org/</a>
RCC: Climate products offered through RCC web pages	Climate data listings; statistically summarized data; severe weather and storm reports; graphical plots of station data; wind roses; interfaces to user-defined climate products; regional climate summaries and assessments	Continuous	General public; agriculture, energy, transportation, water resources, construction, legal, insurance, and recreation industries; local, State, and Federal government agencies, emergency managers	Provides operational and retrospective analysis products and access to historical and near real-time climate data to users that specify product parameters and display options	<a href="http://rcc-acis.org/">http://rcc-acis.org/</a>
RCC: Automated and on demand delivery of ACIS products using XML-RPC	Standard ACIS product suite and user-defined specialized products	Schedules by users and provided to users on-demand	National Park Service, University of Washington, State Climatologists (web site support)	Provides data management and product support to Federal agencies, university researchers, and State Climatologists	
RCC: Geospatial products based on ACIS data	National and regional maps for a variety of time periods displaying temperature, precipitation, heating and cooling degree days, and standard precipitation index; percent of normal and departure from normal mapping to place conditions in historical context	Daily	eneral public; drought monitor production group	National maps, updated daily, based on approximately 4,000 climate stations	<a href="http://hprcc.unl.edu/maps/current/">http://hprcc.unl.edu/maps/current/</a>
RCC: NOAA internal support products and systems	Datzilla and wxCoder III	Intermittent input from Datzilla users. Daily input from thousands of observers to wxCoder III.	OAA, RCC Regional Climatologists, and State Climatologists (Datzilla); COOP observers, NWS field offices, and NCDC data archivists (wxCODER III)	Both systems are designed to improve the quality and availability of real-time and historical data	<a href="http://www.srcc.lsu.edu/datzilla/">http://www.srcc.lsu.edu/datzilla/</a>
RCC: Regional State of the Climate Report	Monthly station summaries; description of extreme and unusual events; regional maps;	Monthly	NCDC climate monitoring division	Provides a summary of regional conditions provided on a single website at NCDC	<a href="http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html">http://www.ncdc.noaa.gov/oa/climate/research/monitoring.html</a>

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RCC: Weather and climate data feed services	Weather and climate data, forecasts, warnings, model output, radar, and satellite imagery...	Continuous; 24/7/365	Universities and national research agencies	Users can obtain complete or subsets of data feeds	<a href="http://www.unidata.ucar.edu/software/idd/">http://www.unidata.ucar.edu/software/idd/</a>
RCC: Climate data-based modeling of domain-specific regional activities	Models: Crop yield for corn (CERES-Maize) and soybeans (SOYGRO), soil moisture, daily and hourly solar radiation, ET and PET, daily soil freezing depth, turf disease risk indices, herbicide effectiveness indices, lawn irrigation scheduling, nitrogen application rates for maize, Stewart's disease risk index (sweet corn), crop irrigation scheduling, soil water balance, drought indices, crop development	Products generated by user input	Agricultural producers and planners, construction, golf course managers, and general public	Model output uses frequently updated data	