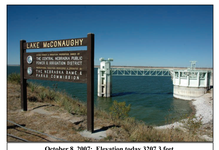
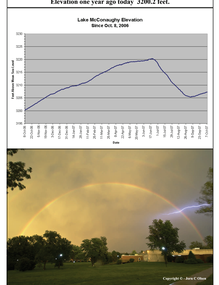
Drought in Nebraska 2007



October 8, 2007: Elevation today 3207.3 feet, Elevation one year ago today 3208.2 feet.



August 22, 2007 - Photo from Hastings, Nebraska

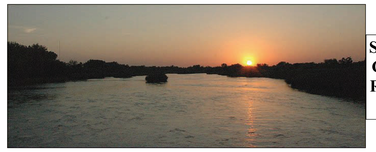
August 20, 2007 - Mammatus clouds hover over southeast Lincoln

August 20, 2007 - September 26, 2007: Sunset at Holmes Lake, Lincoln

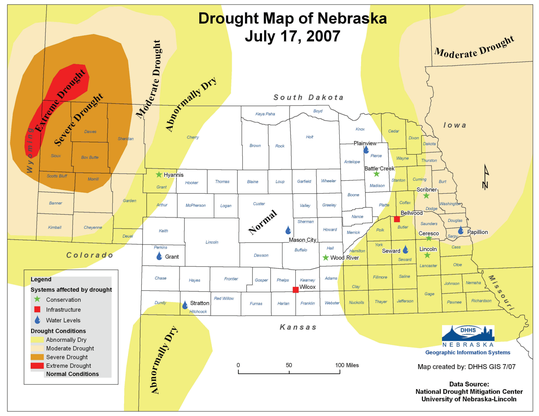
October 8, 2007: Nebraska Sandhills near Alliance, Nebraska. Very little water remains in this lake.

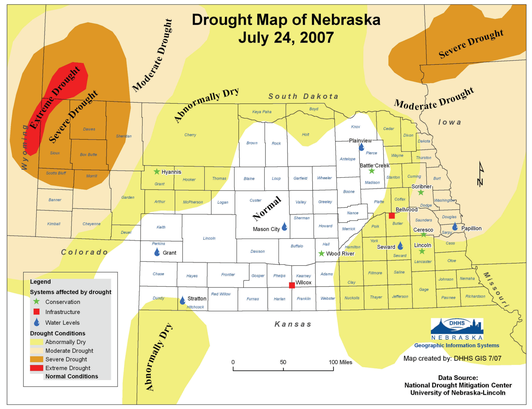
	2007	2006	2005	2004	2003	2002	1936	1934	NORMALS*
APRIL	1 day	0 days	0 days	1 day	1 day	1 day	0 days	0 days	0 days
MAY	1 day	5 days	1 day	2 days	1 day	2 days	2 days	13 days	2 days
JUNE	5 days	11 days	12 days	3 days	2 days	19 days	17 days	17 days	8 days
JULY	16 days	21 days	20 days	7 days	19 days	22 days	29 days	28 days	16 days
AUGUST	19 days	12 days	9 days	7 days	17 days	13 days	23 days	19 days	12 days
SEPTEMBER	3 days	1 day	10 days	10 days	3 days	7 days	11 days	1 day	4 days
OCTOBER		3 days	3 days	0 days	1 day	1 day	0 days	1 day	0 days
TOTAL	45 days	53 days	55 days	30 days	43 days	65 days	82 days	79 days	42 days

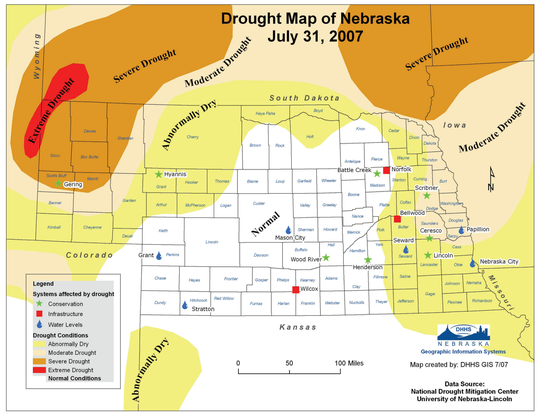
The total number of days with the temperature 90 degrees F or higher for Lincoln, NE

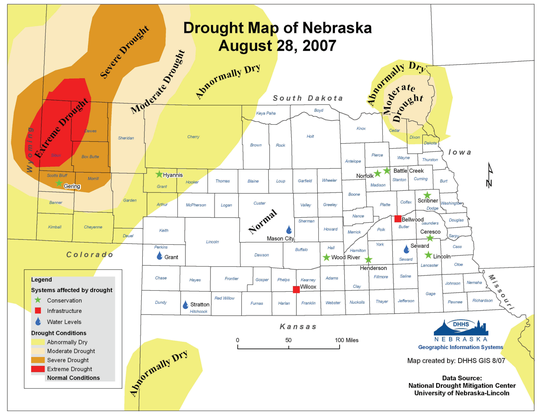


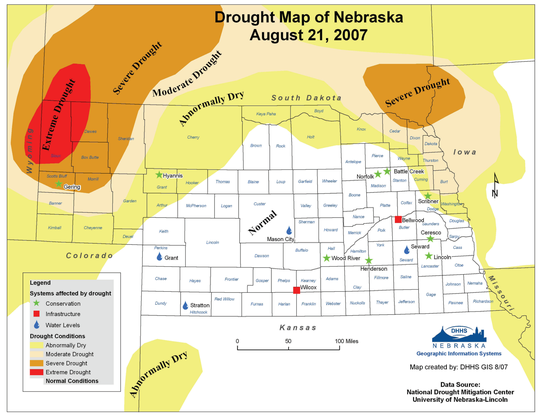
Sunset over the North Channel of the Platte River at North Platte, NE - July 2007

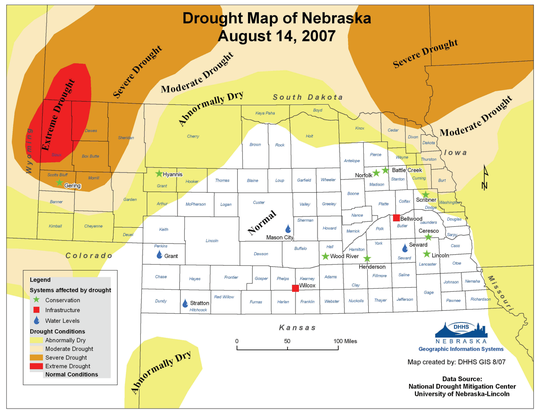


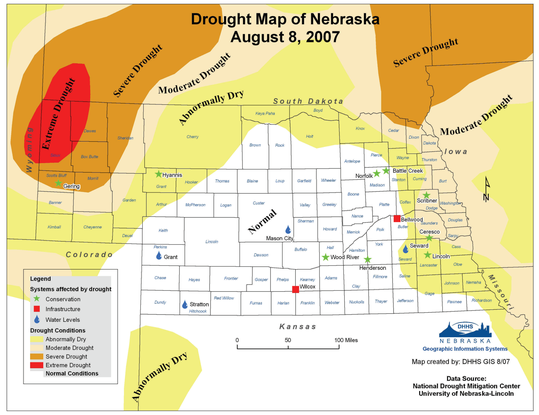


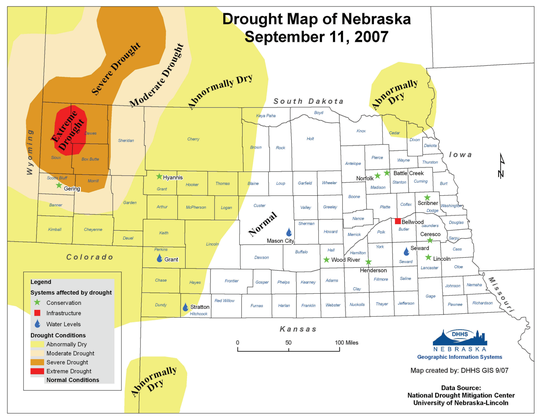


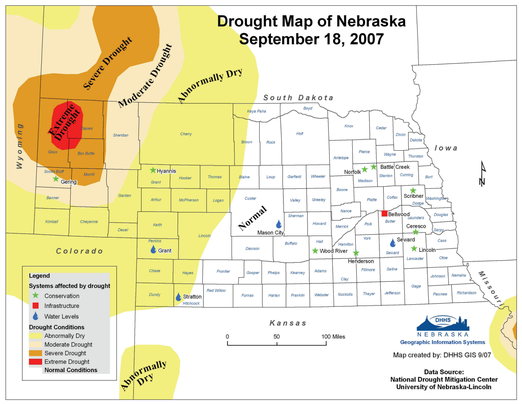


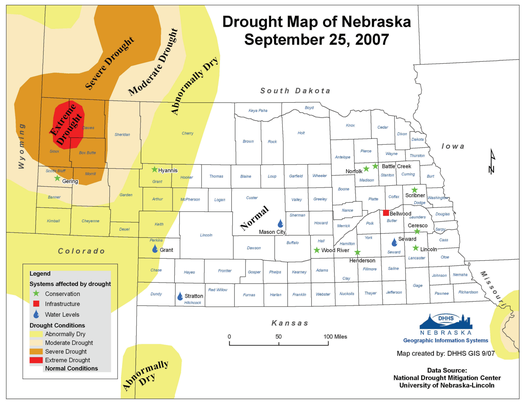


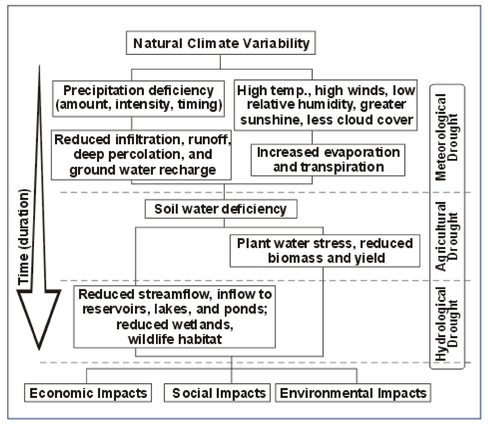












Legend

Systems affected by drought

- Conservation
- Infrastructure
- Water Levels

Drought Conditions

- Abnormally Dry
- Moderate Drought
- Severe Drought
- Extreme Drought
- **Normal Conditions**

DHHS NEBRASKA

Source of drought data and information: UNL-High Plains Regional Climate Center and the National Drought Mitigation Center at UNL

What is drought? Drought is a normal, recurrent feature of climate. Drought originates from a deficiency of precipitation over an extended period of time, resulting in a water shortage for some activity group, or environmental sector.

The cities that have systems affected by drought in Nebraska are monitored by HHSS and the Department of Water Security. The department of water security has been monitoring systems on a weekly basis from May through September of each year for many years now. The reason to track these systems is because if water levels are monitored and tracked every week there is less likely a chance that there will be any real problems with a system that will go unknown. Systems under water restrictions work with the public to educate them about water conservation. By planning for drought, society will be better prepared and able to deal with the damaging effects of drought. This year (2007) the cities reporting drought restrictions did not begin monitoring until July.

In the map legend the cities that have systems that are under drought restrictions are under one of three categories. These categories are conservation, infrastructure and water levels. If a system is under conservation restrictions, this means the system is under a good management practice of getting the consumer to conserve water. If a system is under restrictions due to infrastructure, this means this system is having a problem handling water consumption for their area. If a system is under restrictions due to water levels, this means that the water levels in the well have dropped over the years.