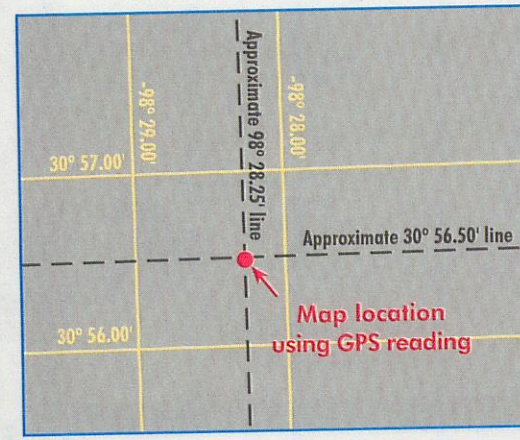


USING THE GPS GRID

Superimposed on this map is a grid representing minutes of latitude and longitude. Map users with a global positioning system (GPS) receiver can use this grid to determine their position. Lines of longitude are labeled with negative numbers to indicate their position west of the Prime Meridian of 0° that runs through Greenwich, England.

To locate a position on the map using a GPS receiver, first read the degrees and minutes displayed on the receiver. Then find the corresponding meridian (line of longitude) and parallel (line of latitude) on the map. In the example shown below, our GPS unit is reading:

N30° 56.50'
W98° 28.25'



This places us north of the 30° 56' parallel, and west of the 98° 28' meridian. The numbers to the right of the decimal point on our GPS unit represent decimal minutes. For latitude, a decimal minute reading of 0.5 tells us we are halfway between the 30° 56' parallel and the 30° 57'. (See dashed line approximating position.) In the case of longitude, the decimal minute value of 0.25 indicates we are approximately one-fourth of the distance between the 98° 28' meridian and the 98° 29'. (See dashed line.)

GPS CONVERSION

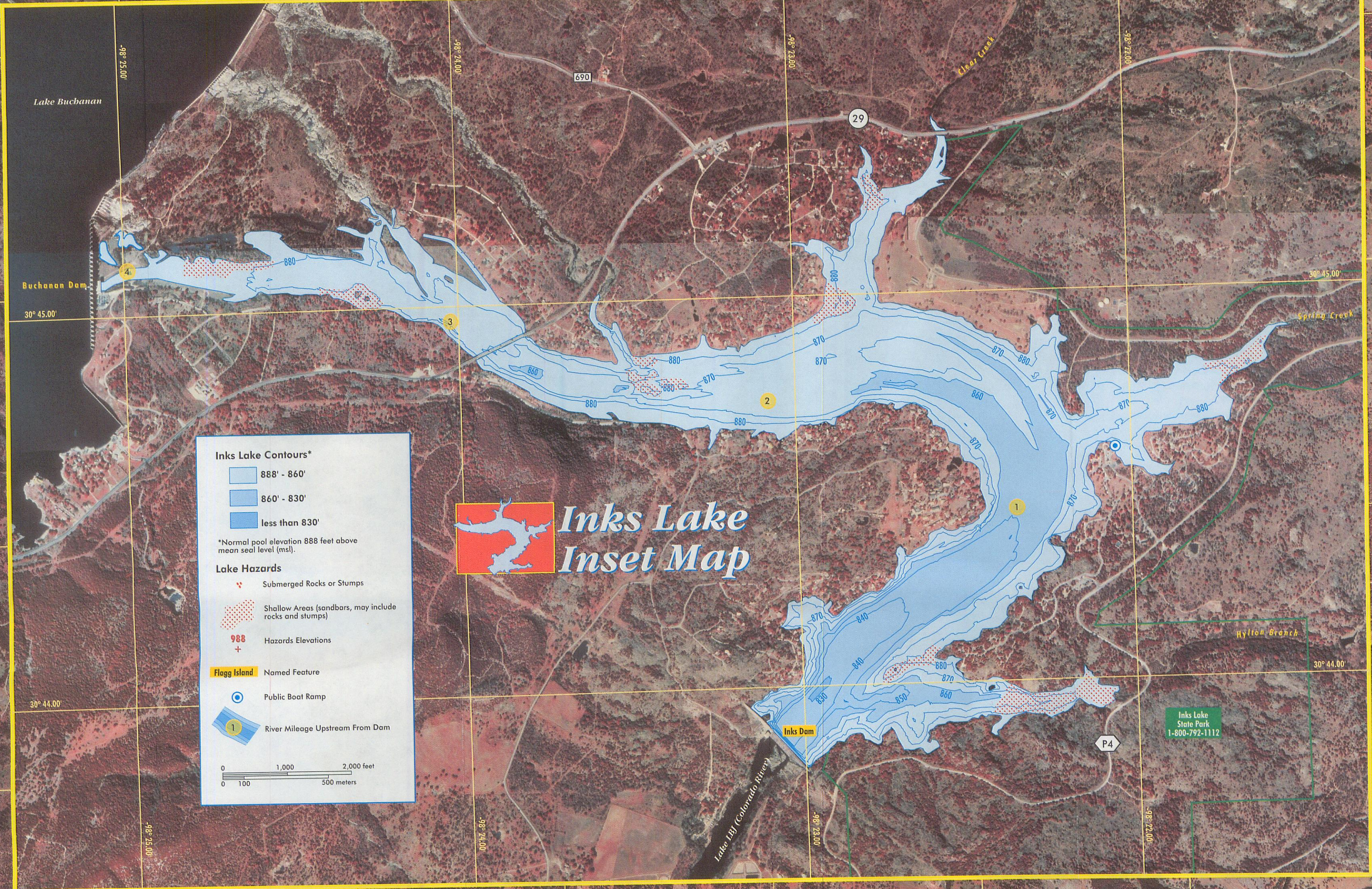
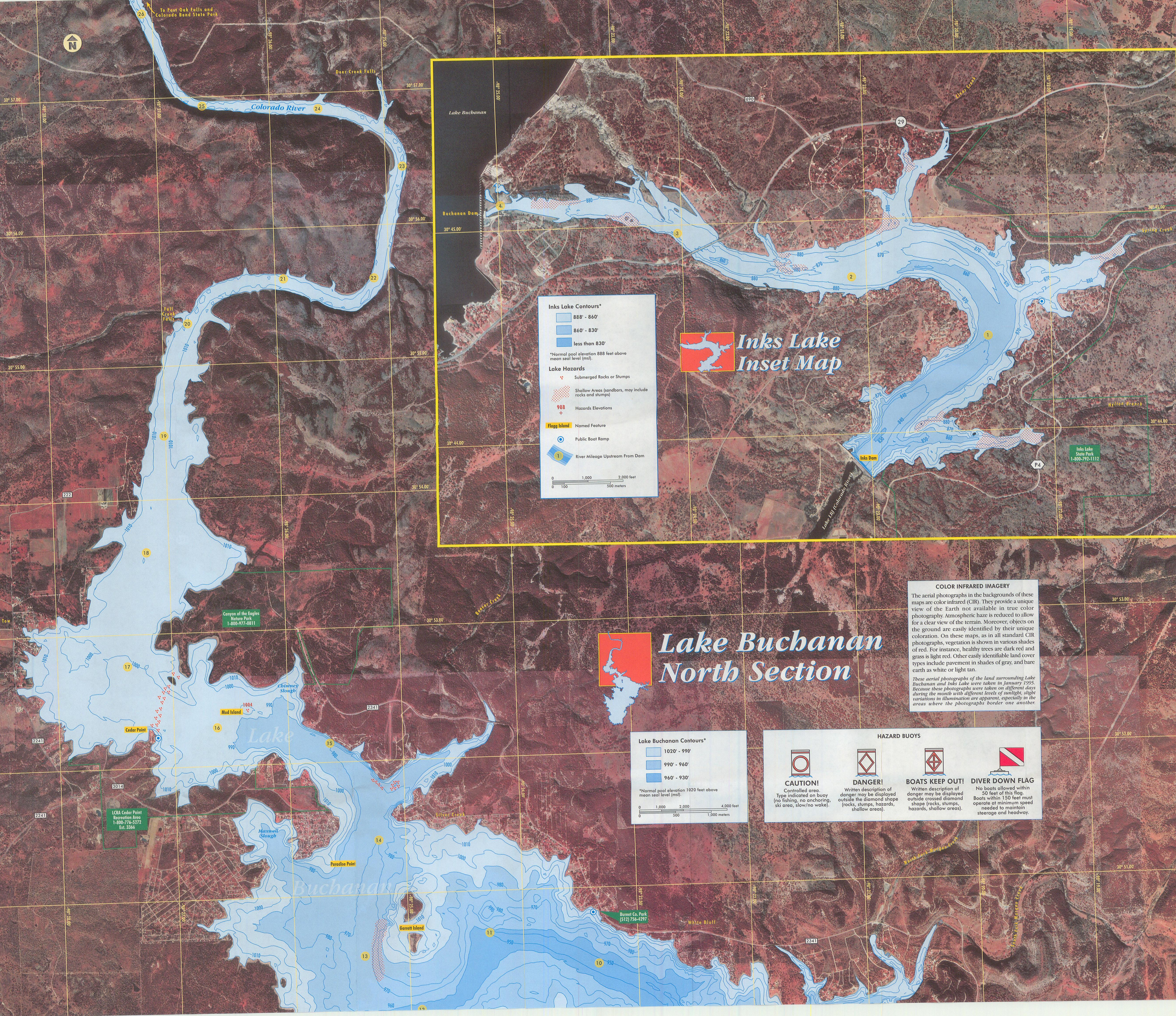
For ease of use, if your GPS unit displays coordinates in degrees, minutes, and seconds, e.g., 30° 55' 45", the seconds will need to be converted to decimal minutes.

To convert seconds to decimal minutes, divide the number of seconds by 60. This will result in a decimal figure. In the above example, 45 seconds was divided by 60 to arrive at 0.75 minutes.

$45 \div 60 = 0.75$

In this example, a decimal minute value of 0.75 indicates a position three-fourths the distance, or 75 percent, from the 30° 55' line to the 30° 56' line.

Please note: The LCRA uses a conic projection as its mapping standard. Because of this, the GPS grid on this map appears to be rotated slightly counterclockwise. This occurs because the location is east of the projection's central meridian. Note how much closer the meridians are to each other than the parallels are. This is a relatively accurate reflection of actual distance between these lines. The coordinates shown are based on the GRS 80 spheroid (NAD83 Datum).



Inks Lake Contours*

- 888' - 860'
- 860' - 830'
- less than 830'

*Normal pool elevation 888 feet above mean seal level (msl).

Lake Hazards

- Submerged Rocks or Stumps
- Shallow Areas (sandbars, may include rocks and stumps)
- Hazards Elevations
- Named Feature
- Public Boat Ramp
- River Mileage Upstream From Dam

0 1,000 2,000 feet
0 100 500 meters

Inks Lake Inset Map

Lake Buchanan North Section

Lake Buchanan Contours*

- 1020' - 990'
- 990' - 960'
- 960' - 930'

*Normal pool elevation 1020 feet above mean seal level (msl).

0 1,000 2,000 4,000 feet
0 500 1,000 meters

COLOR INFRARED IMAGERY

The aerial photographs in the backgrounds of these maps are color infrared (CIR). They provide a unique view of the Earth not available in true color photography. Atmospheric haze is reduced to allow for a clear view of the terrain. Moreover, objects on the ground are easily identified by their unique coloration. On these maps, as in all standard CIR photographs, vegetation is shown in various shades of red. For instance, healthy trees are dark red and grass is light red. Other easily identifiable land cover types include pavement in shades of gray, and bare earth as white or light tan.

These aerial photographs of the land surrounding Lake Buchanan and Inks Lake were taken in January 1995 during the month with different levels of sunlight, slight variations in illumination are apparent, especially in the areas where the photographs border one another.

HAZARD BUOYS

- CAUTION!** Controlled area. Type indicated on buoy (no fishing, no anchoring, ski area, slow/no wake).
- DANGER!** Written description of danger may be displayed outside the diamond shape (rocks, stumps, hazards, shallow areas).
- BOATS KEEP OUT!** Written description of danger may be displayed outside crossed diamond shape (rocks, stumps, hazards, shallow areas).
- DIVER DOWN FLAG** No boats allowed within 50 feet of this flag. Boats within 150 feet must operate at minimum speed needed to maintain steerage and headway.