

Raster tiles are rectangular in geographic coordinates, correspond to standard USGS 7.5-minute quadrangles and divisions thereof, and are named according to the scheme

qAAOOORCQ (quarter-quadrangle, 3.75 minute by 3.75 minute region)

where AA is the integer north latitude of the SE corner of the 1° x 1° region that contains the quadrangle, OOO is the integer west longitude of the SE corner of the 1° x 1° region, R is the row, labeled from **a** to **h**, south to north, and C is the column, labeled from **1** to **8**, east to west. That is, in diagram A below of the 1° x 1° region with a southeast corner at latitude 45N, longitude 118W, the highlighted quadrangle is q45118d2.

Q is the quadrangle quadrant, which is numbered west-to-east, north-to-south, as is shown in diagram B below. That is, the highlighted quarter-quadrangle tile in diagram B is q45118d22.

