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% StateofMinnesota - A script file to draw the State of Minnesota

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x = linspace(0,5/6,100);

x2 = linspace(0,2.2,100);

x2a = linspace(2.7,8,100);

x2b = linspace(2.21,2.25,100);

x2c = linspace(2.25,2.65,100);

x2d = linspace(2.65,2.7,100);

x3 = linspace(5/6,7,100);

x4 = linspace(5,8,100);

x5 = linspace(5,7,100);

plot(x, -12*x, x2, -.12*x2, x2a, -.12*x2a, x2b, (7*x2b-15.61)-.2, x2c, -
.05, x2d, (-7*x2d+15)+3.5, x3, -10, x4, 2.9*sqrt(x4-5)-6, x5, -2.3*sqrt(x4-5)-
6, 4.5, -7, '+');

axis('equal')

legend('State of Minnesota', '+ Mendota Heights')

```