Remote Sensing with Environmental Satellites
Menzel
Quiz 2
8 June 2007

Name:_____

1. Associate the cloud test on the left with the appropriate description on the right.

[c] r1.38 > threshold   (a) finds low clouds over snow

[d] r.87 / r.66 between .9 and 1.1   (b) finds clouds over oceans

[e] BT3.9 - BT11 > 3 C   (c) finds high thin cirrus

[b] BT11 < 270 K   (d) finds clouds over vegetation

[a] r1.6 > threshold   (e) tests for cloud edges

2. In the scatter plot of BT(11µm) on the x-axis and [r(1.6µm)-r(.6µm)] / [r(1.6µm)+r(.6µm)] on the y-axis, associate A, B, C, and D with the feature in the scene

snow covered land	[c]
non snow covered land	[b]
ocean	[d]
cloud	[a]