



**Figure 2: False color AVHRR Local Area Coverage image of fire area (A) in July, 1989 over Manitoba, Canada and the results of the scene id algorithm (B). Note areas identified as cloud as compared to those identified as smoke. The black letters A-G indicate towns evacuated due to the fires. The numbers 1-4 are located near pixels identified as fire and have pixels identified as smoke spreading from those areas. The northeast corner of the plot is located at the shores of the Hudson Bay in Manitoba.**