





# GMI: 12/22/16 07:37 UTC -4 0 4 8 12 16 20 GPM 8 Snowing Fraction: 99.69% 0.0 0.01 0.1 0.25 0.5 0.75 1.0 1.5 2.0 2.5 3.0 4.0 6.0 10.015.0 Precipitation [mm hr<sup>-1</sup>]



## **December 22, 2016: Pulsed Snowfall**

### December 30, 2016: Heavy Rain Shallow and heavy reflectivity bright-band? Large Doppler velocities 18 20 Time (UTC) Rain DSD smaller diameter than SNOW High fall speeds Time 35 mm of accumulated rain in 12 hours Large amount of rainfall for December Time [UTC] Average temp around +3.5C • High temperatures for December Time [UTC]