

Variable type	Variable names	Note
Surface pressure	P_S	Max pressure for pixel
NWP temperatures at surface, 950, 850, 700, 500 and 250 hPa	$T_S, T_{950}, T_{850}, T_{700}, T_{500}, T_{250}$	BT to pressure conversion
NWP column integrated water vapor	Ci_{wv}	Expected BT differences
Brightness temperature (BT) for 11 or 12 μm	B_{11}, B_{12}	Opaque temperature
BT for water vapor channels at 6.7 or 7.3 μm	$B_{6.7}, B_{7.3}$	High or low
BT for CO ₂ channel at 13.3 μm	$B_{13.3}$	High or low
BT differences	$B_{11} - B_{12}, B_{11} - B_{3.7}, B_{8.5} - B_{11}$	Opacity or phase
BT differences <i>to</i> warmest/coldest neighbor	$B_{12}^W - B_{12}, B_{12}^C - B_{12}$ or	Edge or thin
	$B_{11}^W - B_{11}, B_{11}^C - B_{11}$	Edge or thin
BT differences <i>for</i> warmest/coldest neighbor	$B_{11}^W - B_{12}^W, B_{11}^C - B_{12}^C$ or	Opacity
	$B_{11}^W - B_{3.7}^W, B_{11}^C - B_{3.7}^C$	Opacity
Texture: standard deviation of variable for 5×5 pixels	$S_{B_{11}-B_{12}}, S_{B_{11}}, S_{B_{3.7}}$	Edge or thin