



### Cold conditions

- Clear sky:  
IWP, SWP, LWP <  $1 \text{ g m}^{-2}$
- Cold:  
 $T_{2m} < 258.15 \text{ K}$
- Very dry:  
IWP <  $5 \text{ kg m}^{-2}$
- Cool & dry:  
 $T_{2m} < 273 \text{ K}$ , IWP <  $10 \text{ kg m}^{-2}$

### Warm conditions

- Warm:  
 $T_{2m} > 275 \text{ K}$
- Mild & moist:  
 $T_{2m} \geq 273 \text{ K}$ , IWP  $\geq 10 \text{ kg m}^{-2}$
- Very moist:  
IWP  $\geq 15 \text{ kg m}^{-2}$