

## 10.0 Tables

<b>TABLE 1</b>			
<b>MODEL FORCING</b>			
<b>Definition</b>	<b>ALMA</b>		
	<b>Name</b>	<b>Units</b>	<b>+ Sign***</b>
large-scale precipitation rate (H216O)	**PRECL16	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective precipitation rate (H216O)	**PRECC16	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
atm bottom level**** temperature	Tair	K	N/A
downward shortwave rad onto surface	SWdown	W m <sup>-2</sup>	Downward
downward longwave rad onto surface	LWdown	W m <sup>-2</sup>	Downward
atm bottom level specific humidity (H216O)	Qair	kg kg <sup>-1</sup>	N/A
atm bottom level zonal wind	Wind_E	m s <sup>-1</sup>	Eastward
atm bottom level meridional wind	Wind_N	m s <sup>-1</sup>	Northward
atm surface pressure	Psurf	Pa	N/A
energy of precipitation	Qrain	W m <sup>-2</sup>	Downward
large-scale Precipitation H218O	**PRECL18	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
large-scale Precipitation HDO	**PRECLD	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective Precipitation H218O	**PRECC18	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective Precipitation HDO	**PRECCD	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
specific humidity H218O	**Qair18	kg kg <sup>-1</sup>	N/A
specific humidity HDO	**QairD	kg kg <sup>-1</sup>	N/A
large-scale snow H216O	**SNOWL16	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
large-scale snow H218O	**SNOWL18	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
large-scale snow HDO	**SNOWLD	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective snow H216O	**SNOWC16	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective snow H218O	**SNOWC18	kg m <sup>-2</sup> s <sup>-1</sup>	Downward
convective snow HDO	**SNOWCD	kg m <sup>-2</sup> s <sup>-1</sup>	Downward

\* ALMA does not use so many solar radiation categories, NCEP Reanalysis names used instead

\*\* ALMA does not have an isotope convention, new conventions suggested

\*\*\* ALMA has two sign conventions: I adopt the first here ('Traditional')

\*\*\*\* bottom level = first REMOiso Grid Box, Sigma level = 0.9922814815