

Comparison of rate of change in temperature between radiosonde launches at 6 hour intervals from 3 data sets

Data sets:

Lindenberg 1999 to 2008	Visalia RS-90
Lindenberg 2009 to 2012	Visalia RS-92
Southern Great Plains Central Facility 2006 – 2012	Visalia RS-92

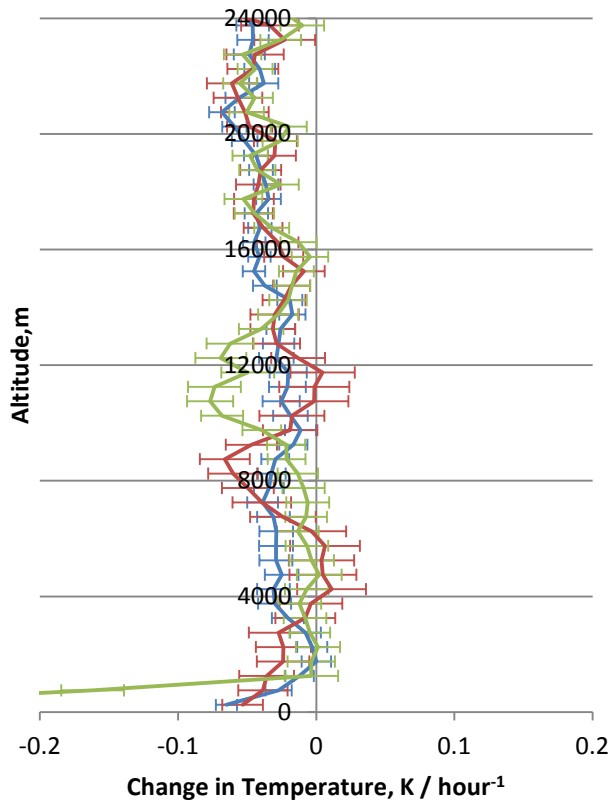
All times are local time.

The error bars represent the standard error of the mean.

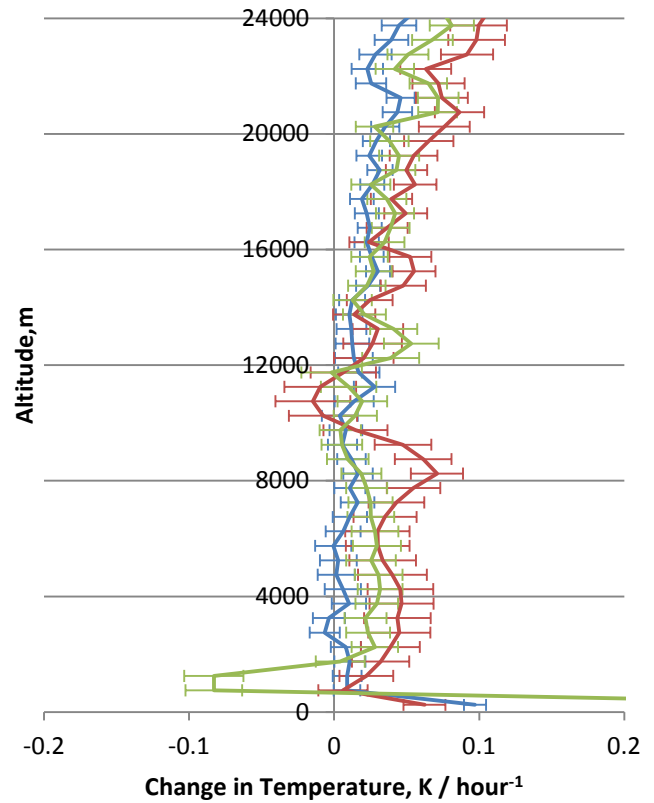
Key:

Blue line : Lindenberg 1999-2008; Red line : Lindenberg 2009-2012; Green line : Southern Great Plains.

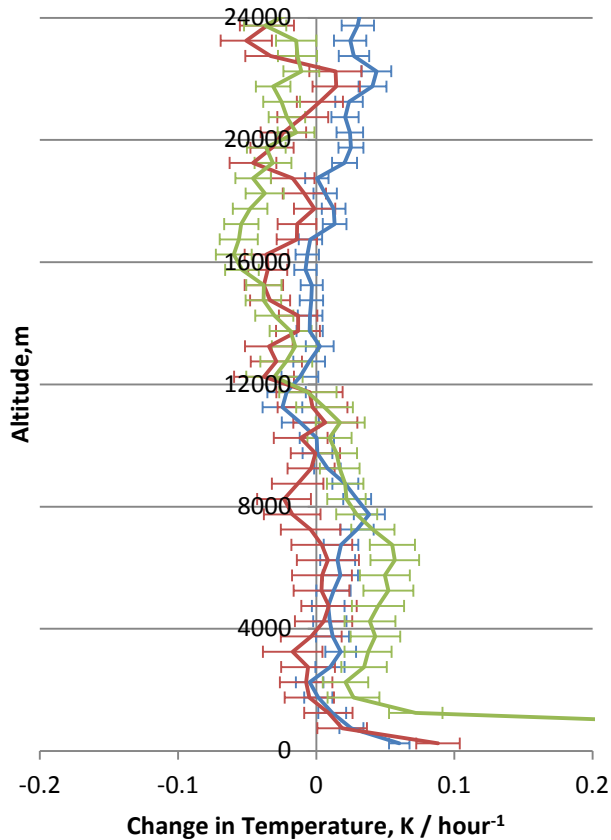
Winter 00:00 - 06:00



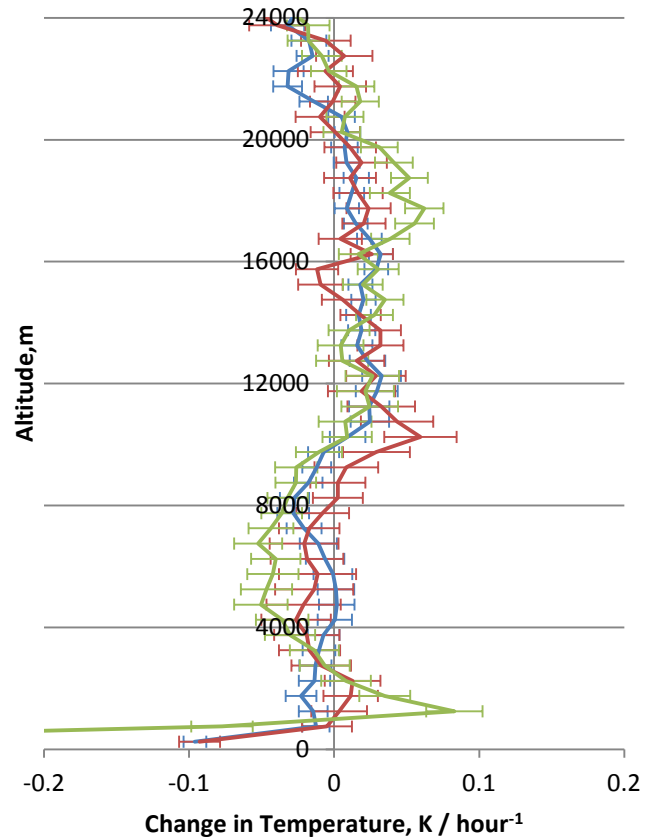
Winter 06:00 - 12:00



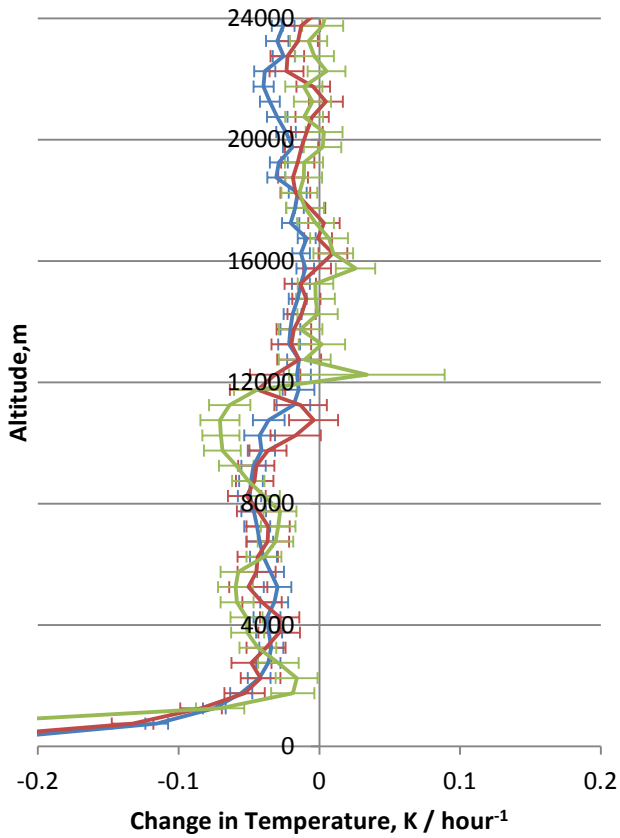
Winter 12:00 - 18:00



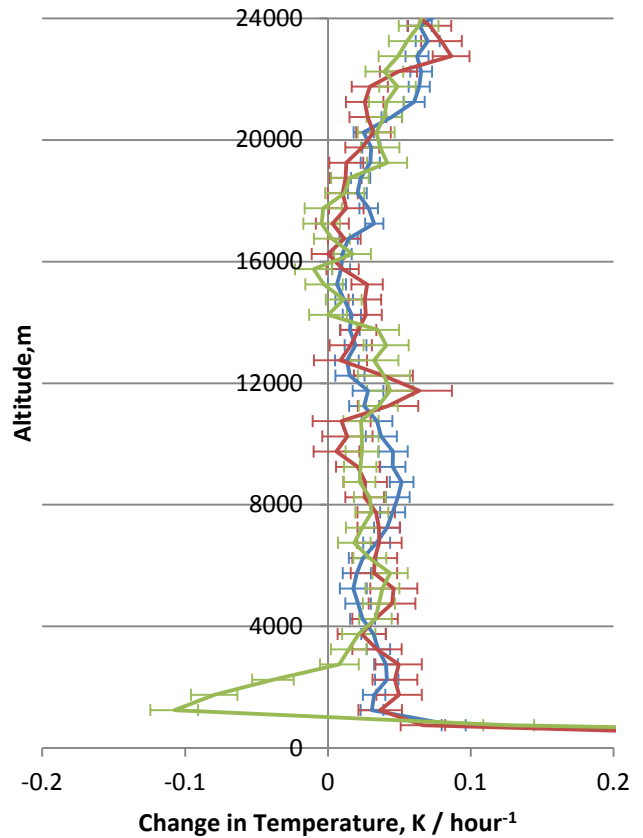
Winter 18:00 - 00:00



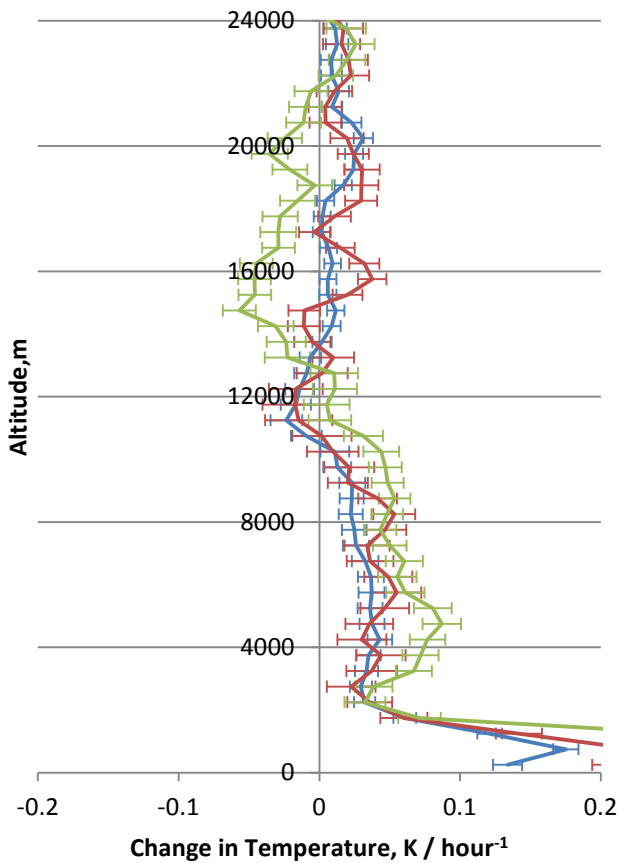
Spring 00:00 - 06:00



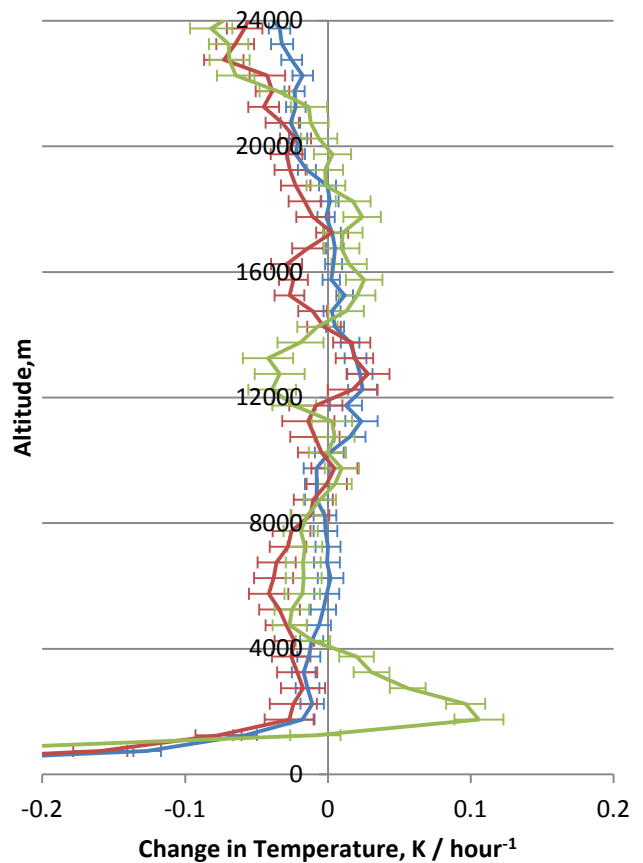
Spring 06:00 - 12:00



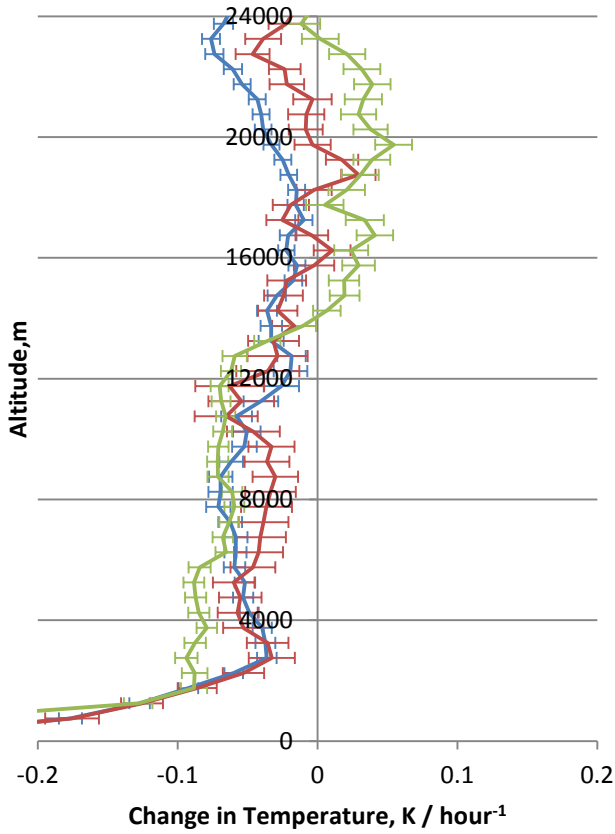
Spring 12:00 - 18:00



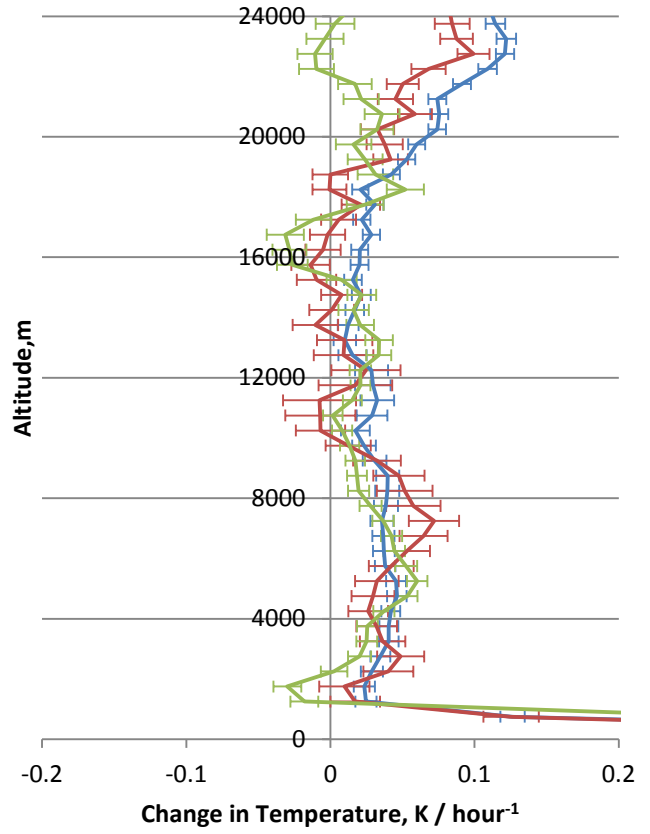
Spring 18:00 - 00:00



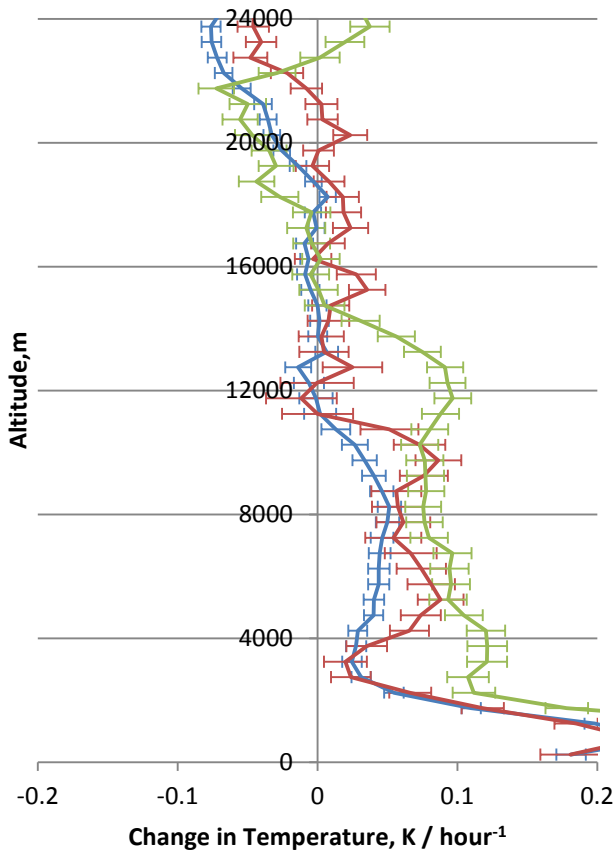
Summer 00:00 - 06:00



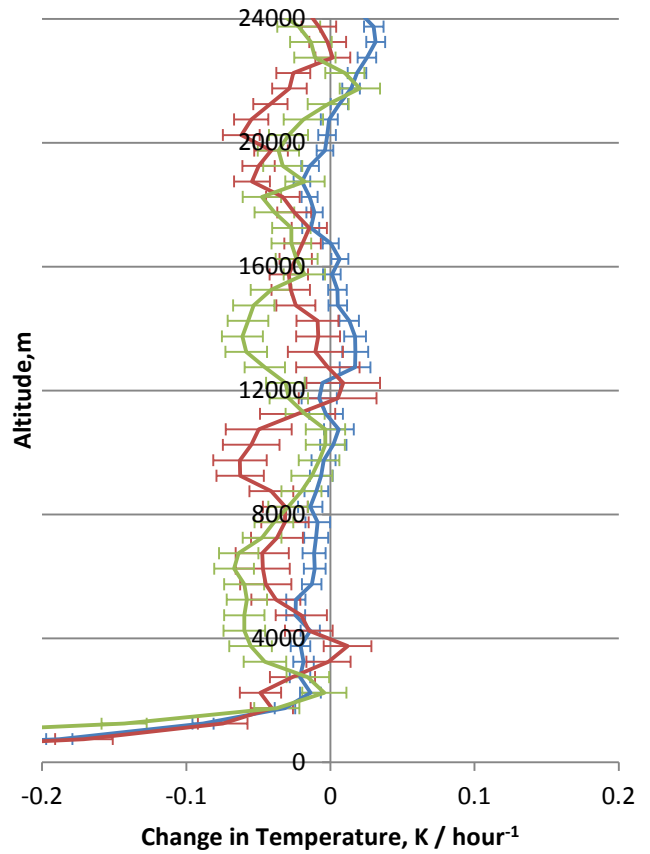
Summer 06:00 - 12:00



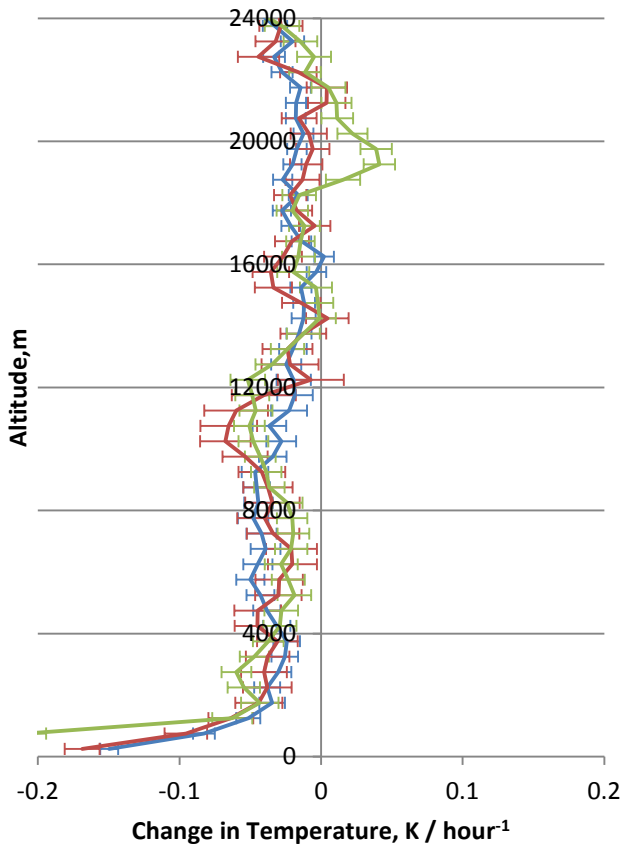
Summer 12:00 - 18:00



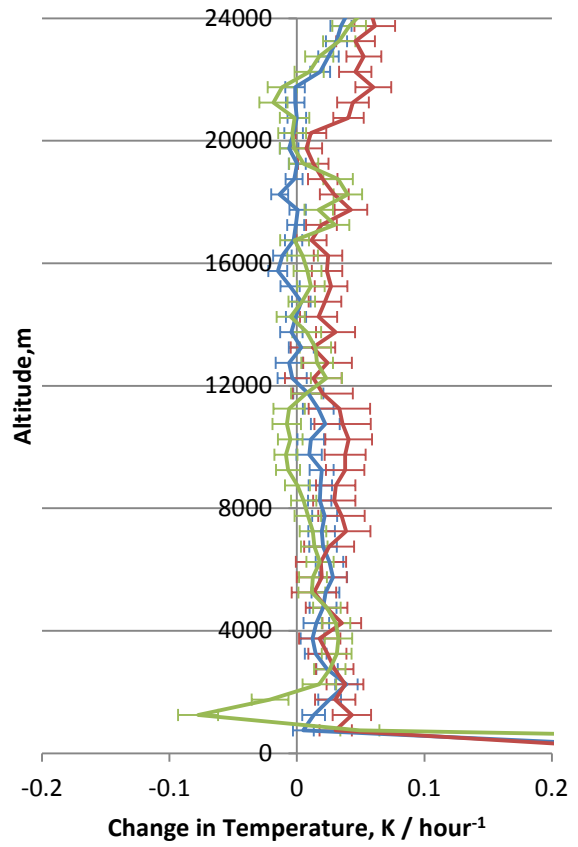
Summer 18:00 - 00:00



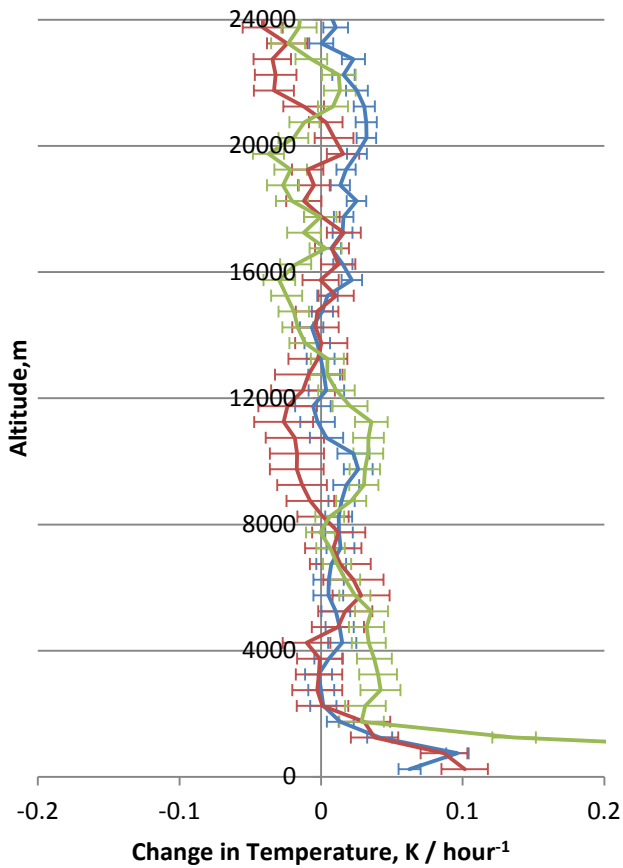
Autumn 00:00 - 06:00



Autumn 06:00 - 12:00



Autumn 12:00 - 18:00



Autumn 18:00 - 00:00

