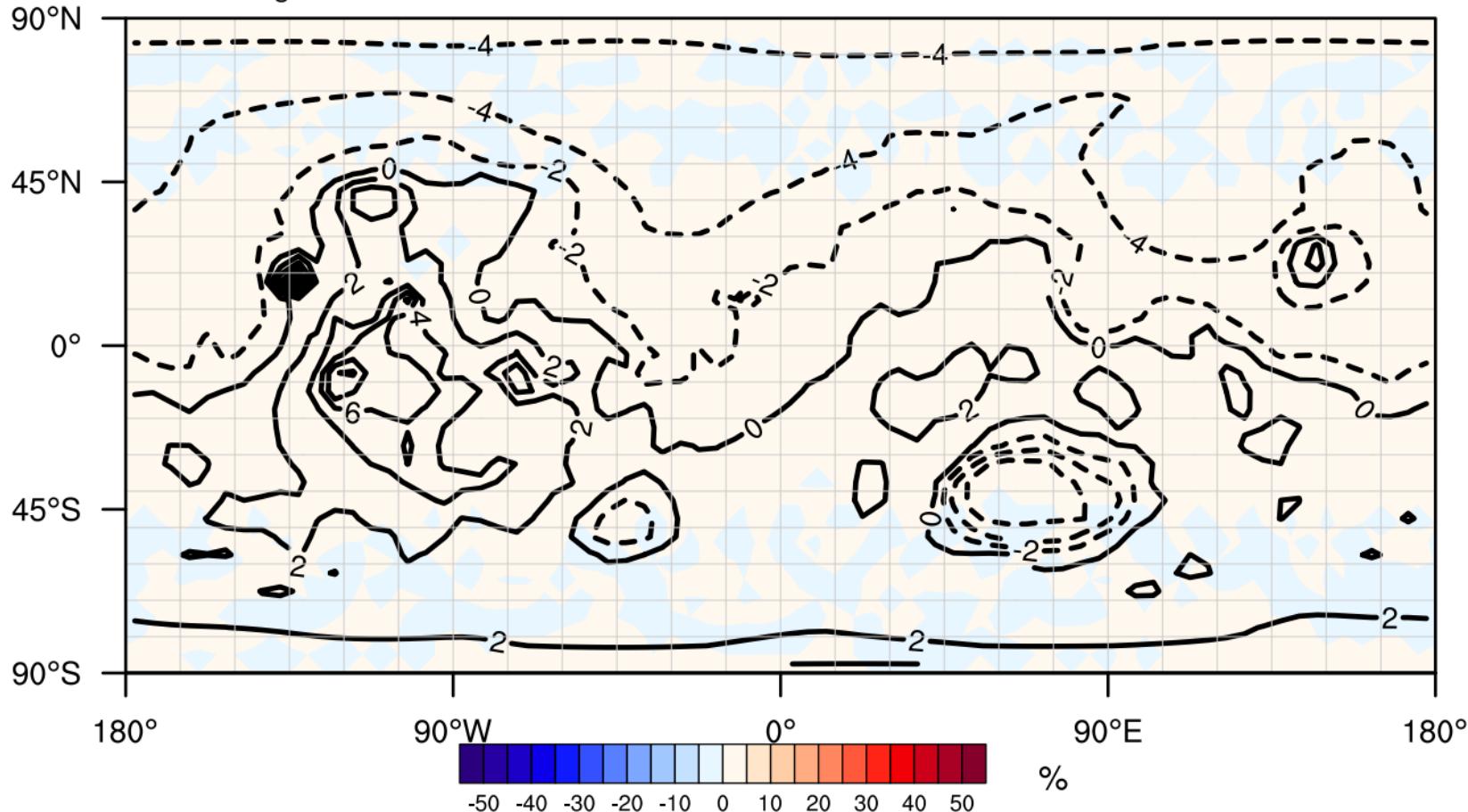


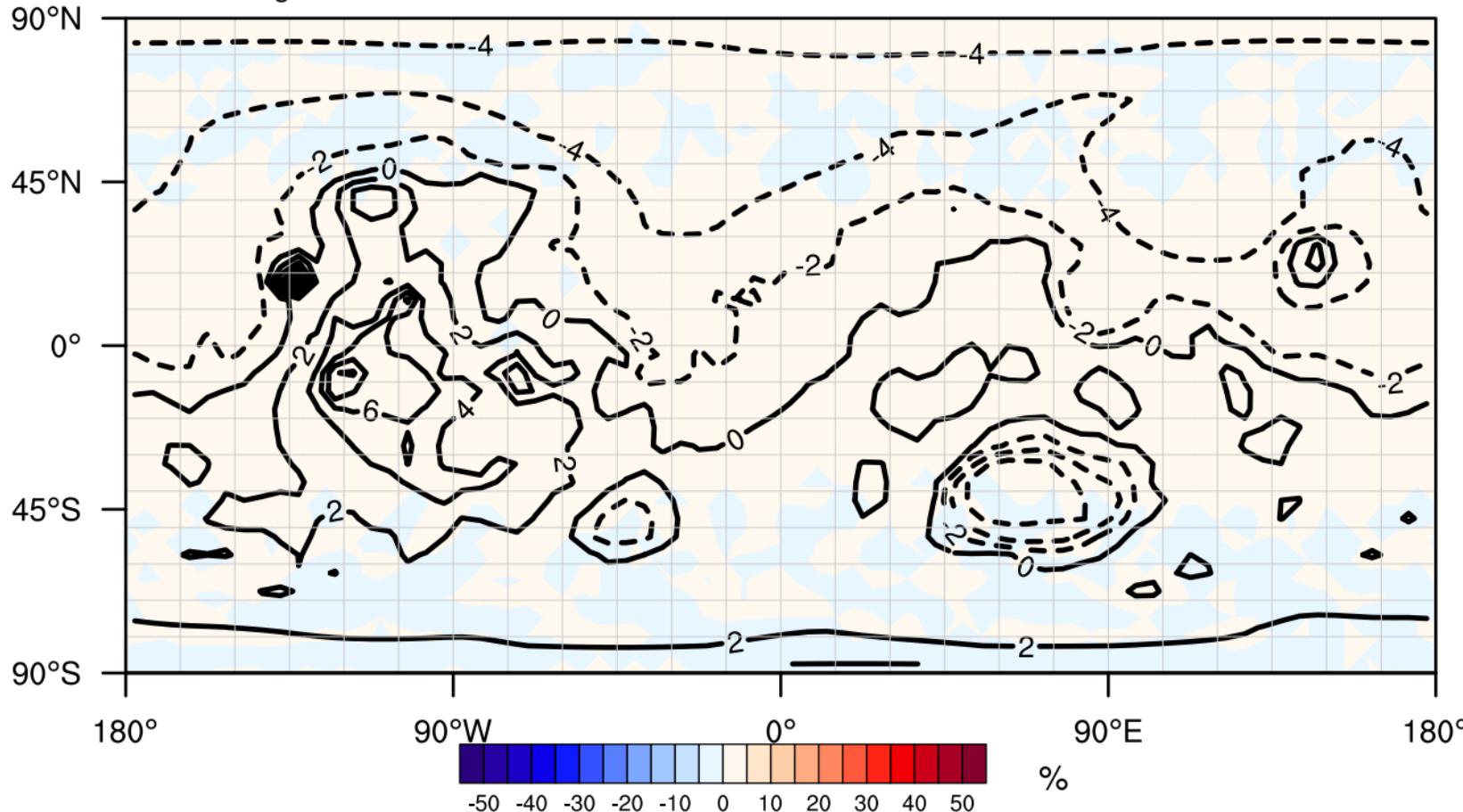
Relative difference of x-wind component(%) at surface  
Terrain Height

Ls:0.3



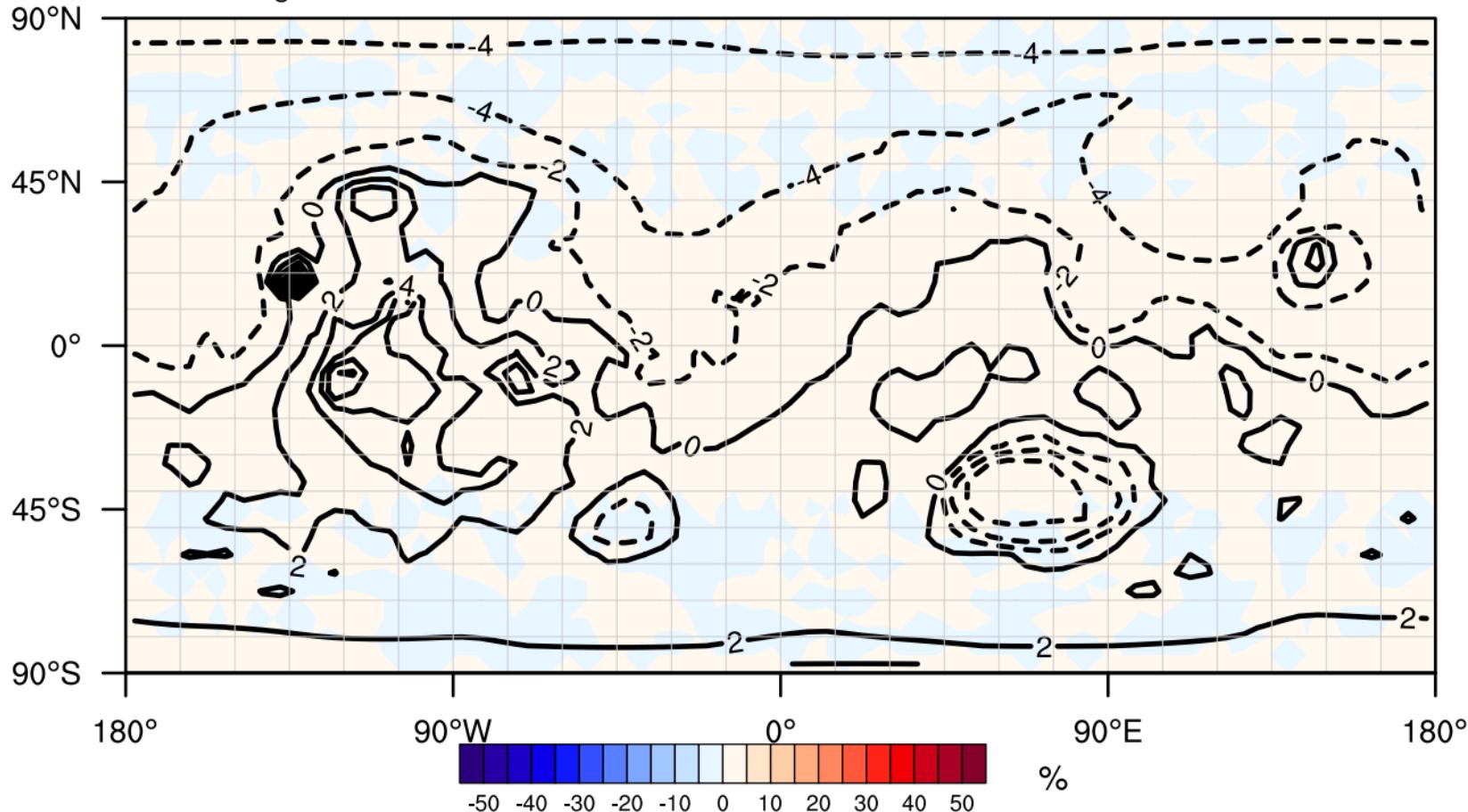
Relative difference of x-wind component(%) at surface  
Terrain Height

Ls:0.3



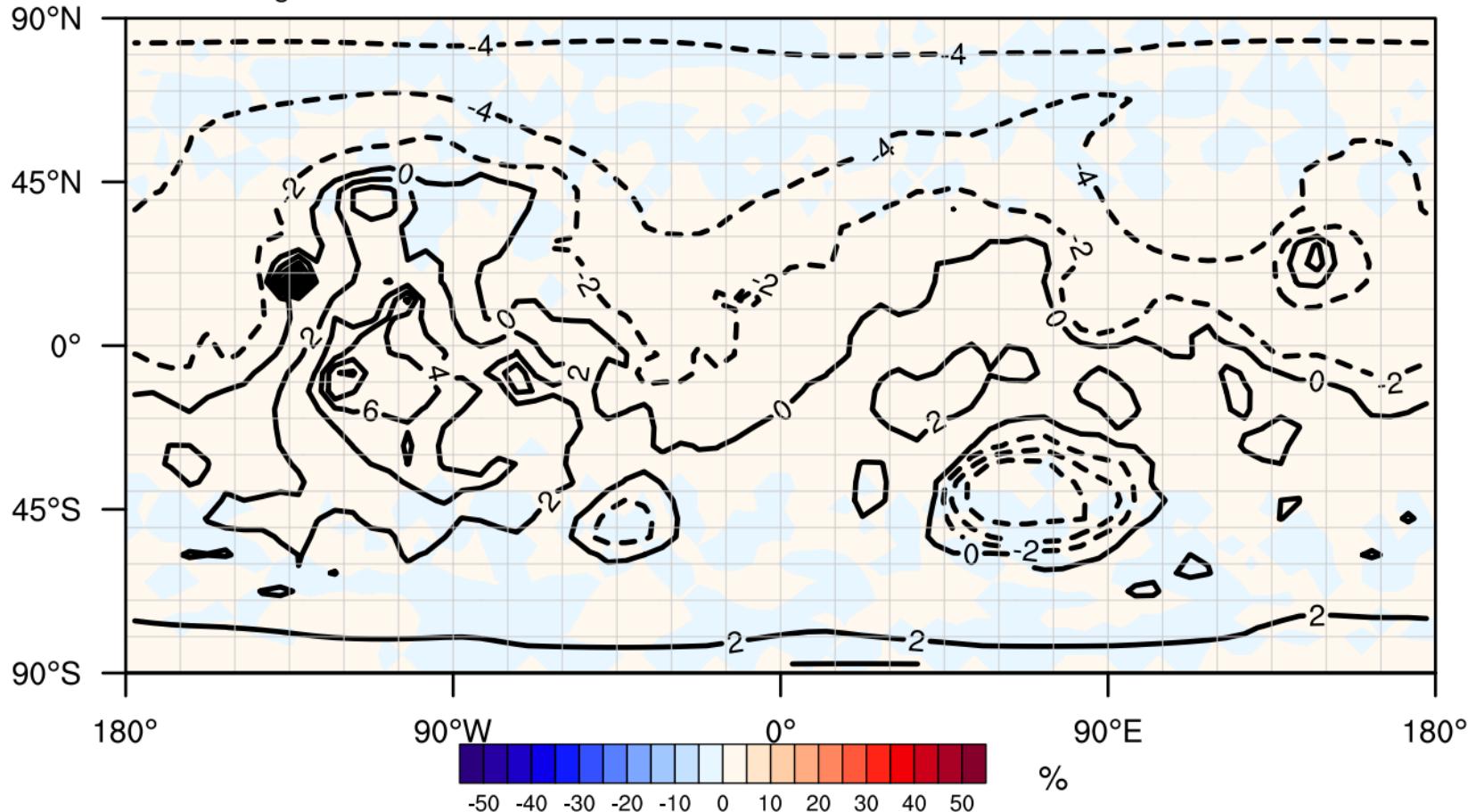
Relative difference of y-wind component(%) at surface  
Terrain Height

Ls:0.3



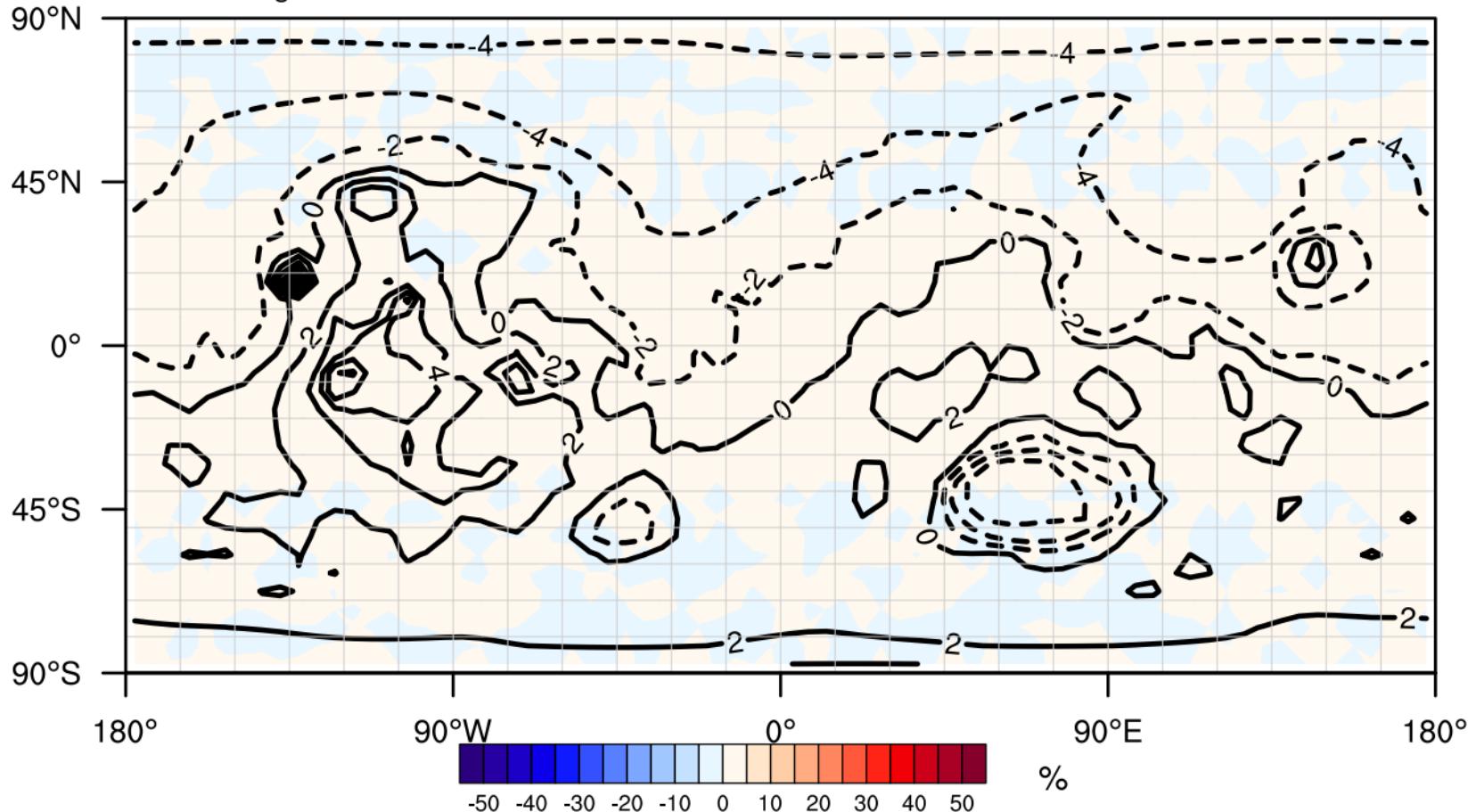
Relative difference of y-wind component(%) at surface  
Terrain Height

Ls:0.3



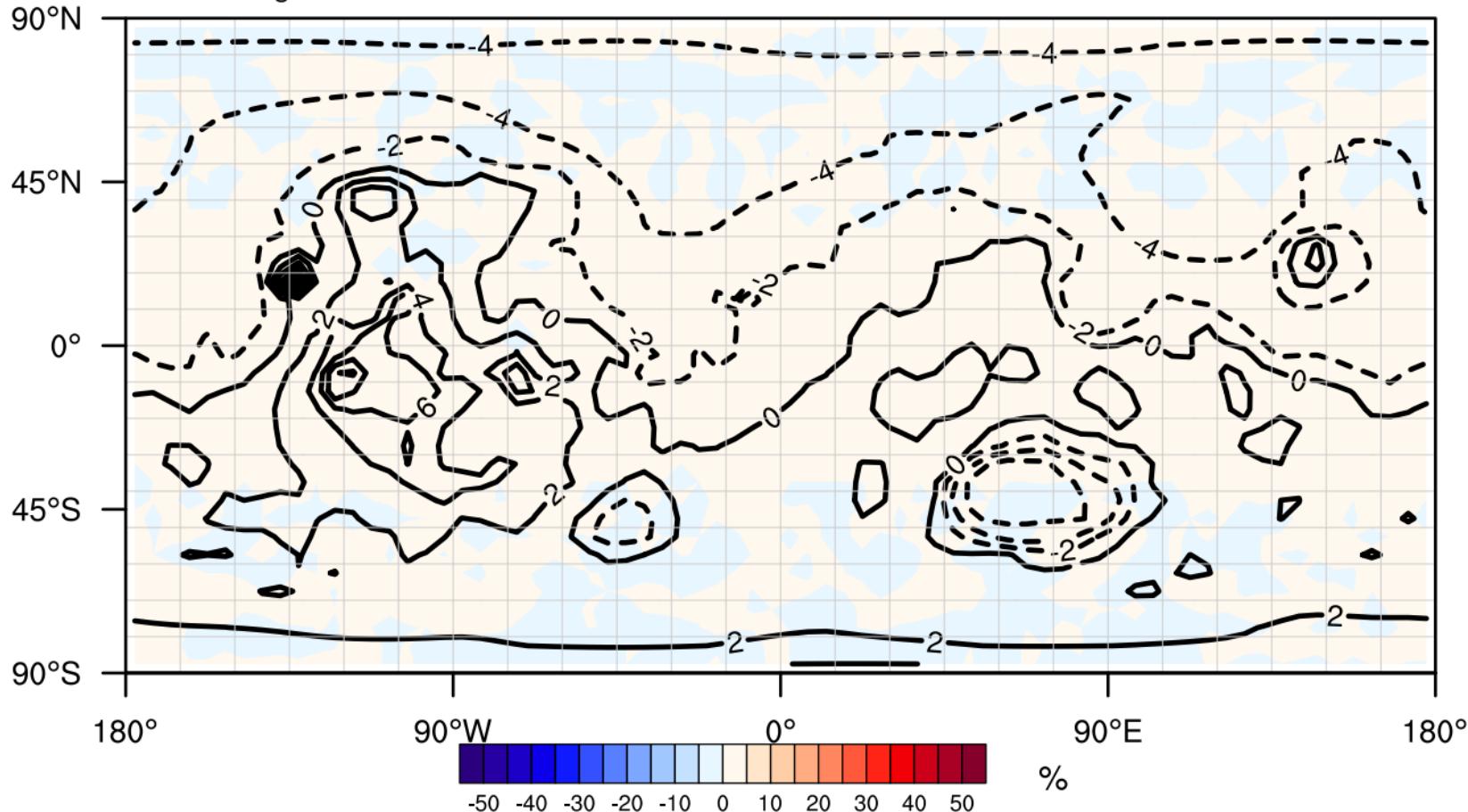
Relative difference of z-wind component(%) at surface  
Terrain Height

Ls:0.3



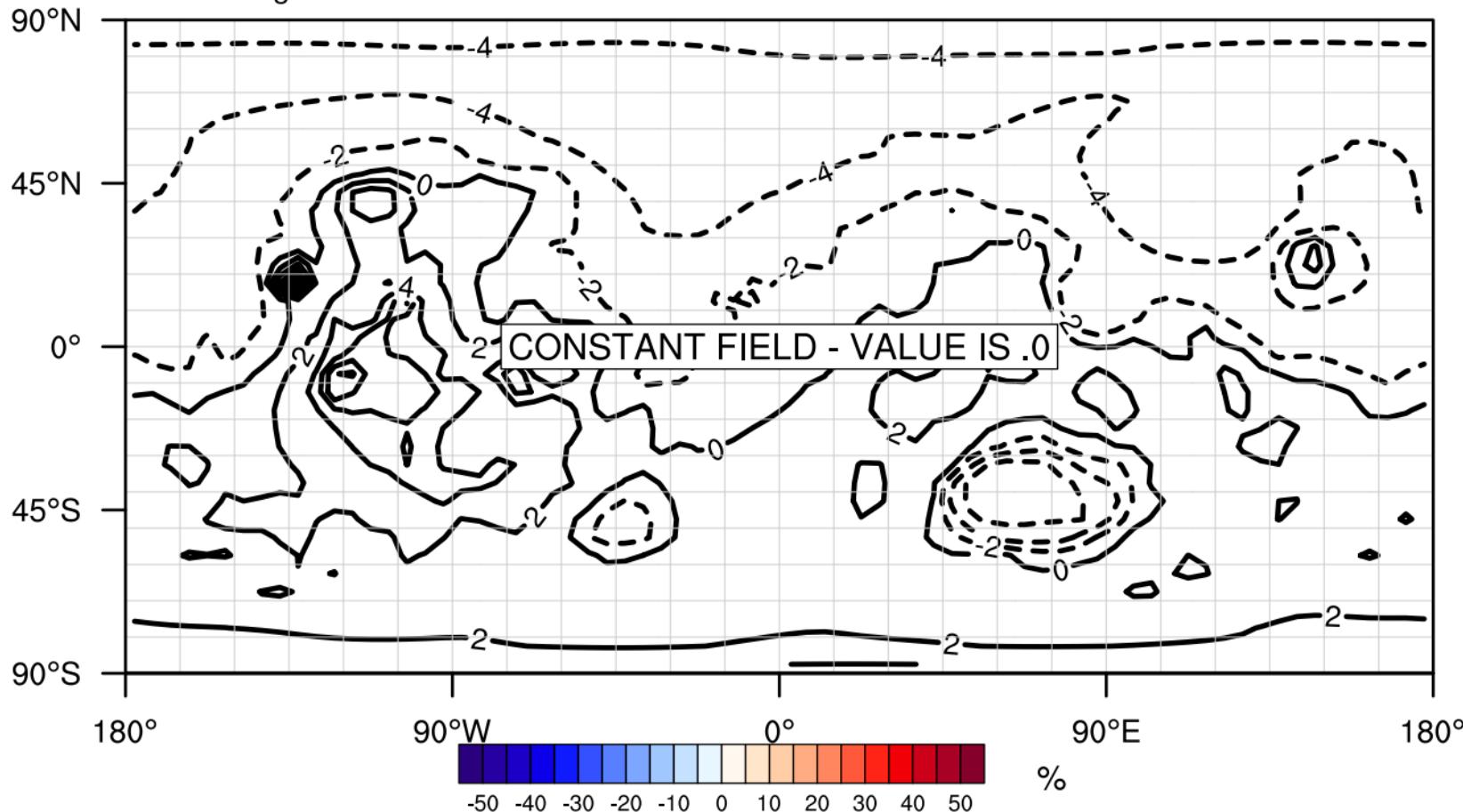
Relative difference of z-wind component(%) at surface  
Terrain Height

Ls:0.3



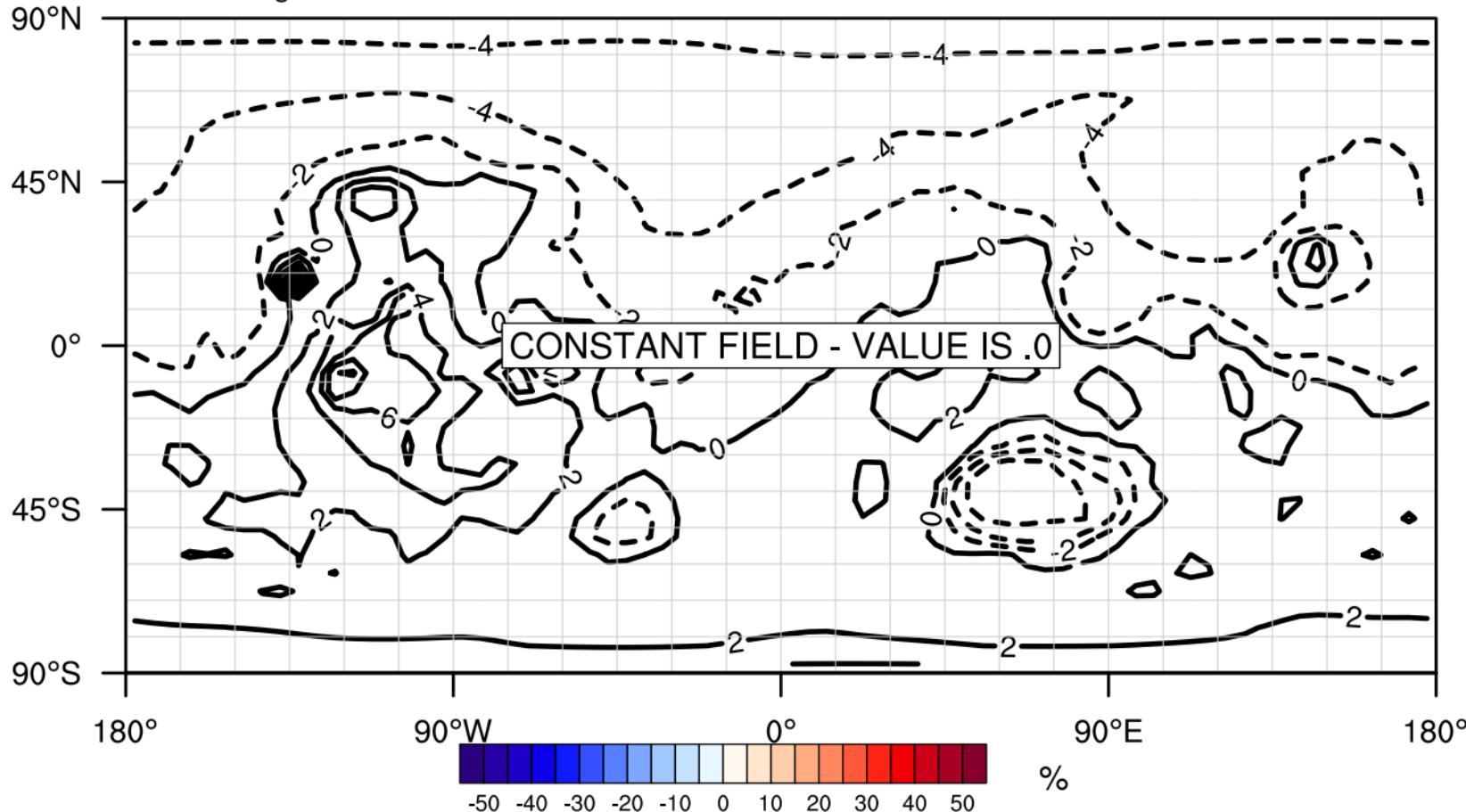
Difference of mu-coupled eta-dot at top  
Terrain Height

Ls:0.3



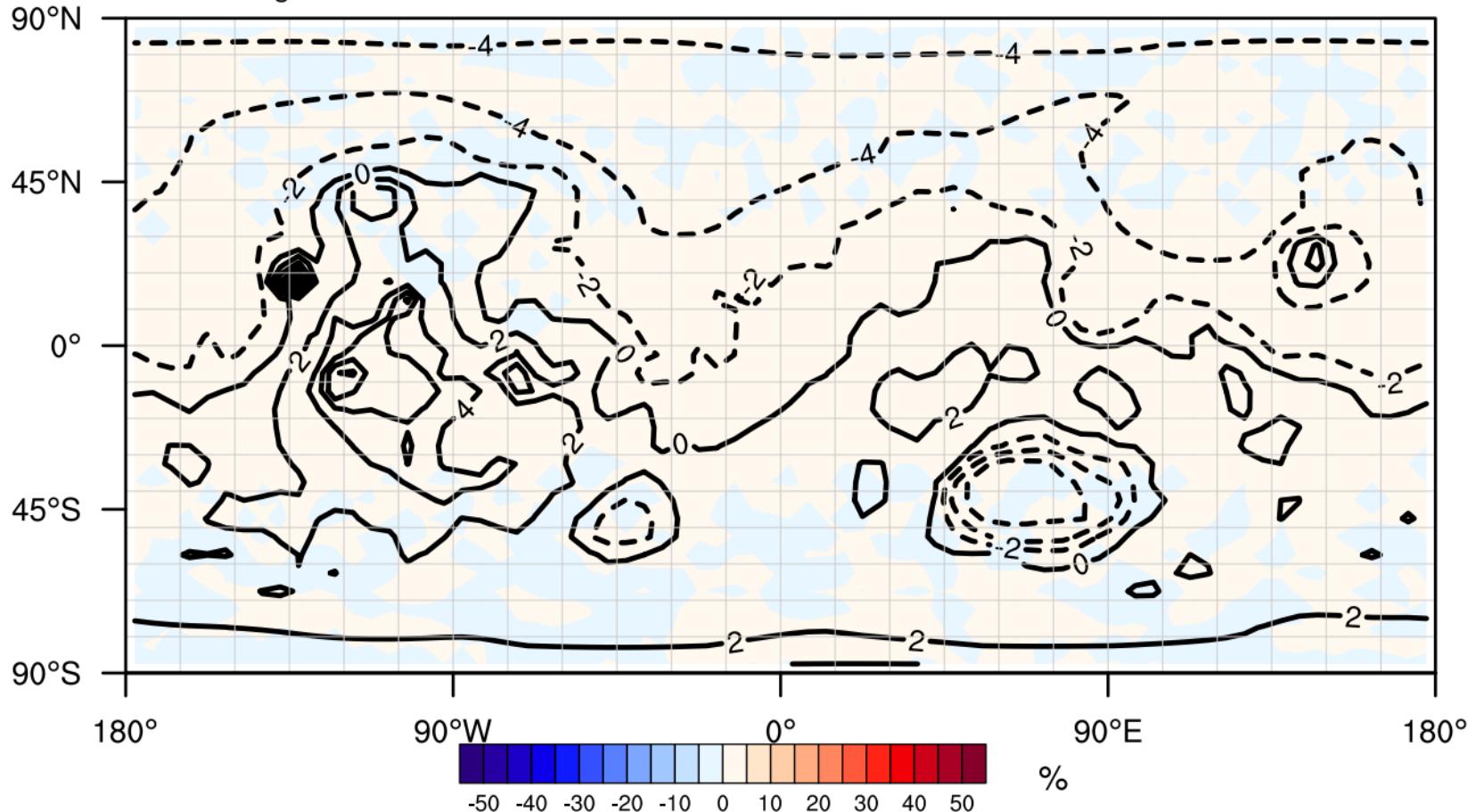
Difference of time-avg mu-coupled eta-dot at top  
Terrain Height

Ls:0.3



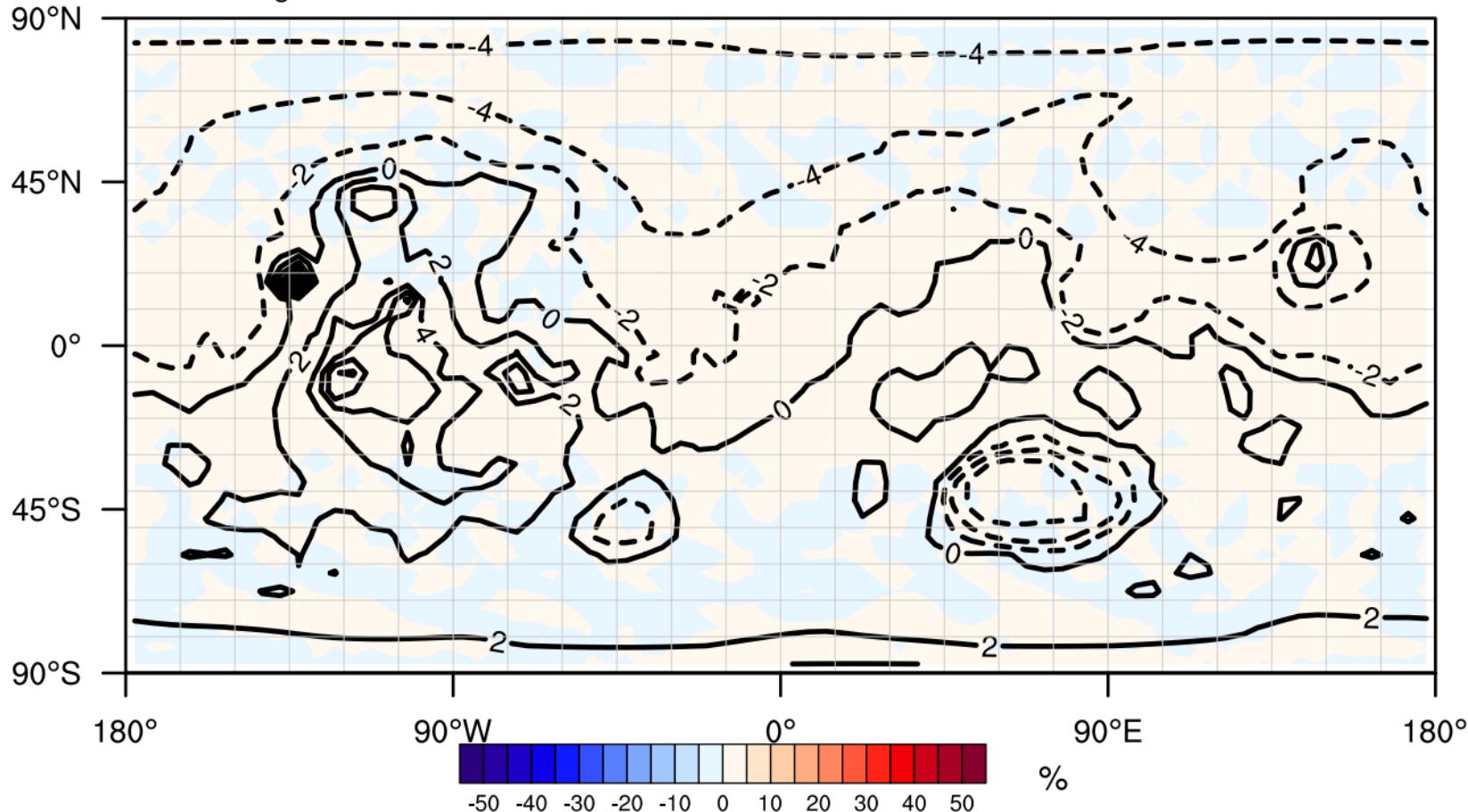
Difference of perturbation geopotential at top  
Terrain Height

Ls:0.3



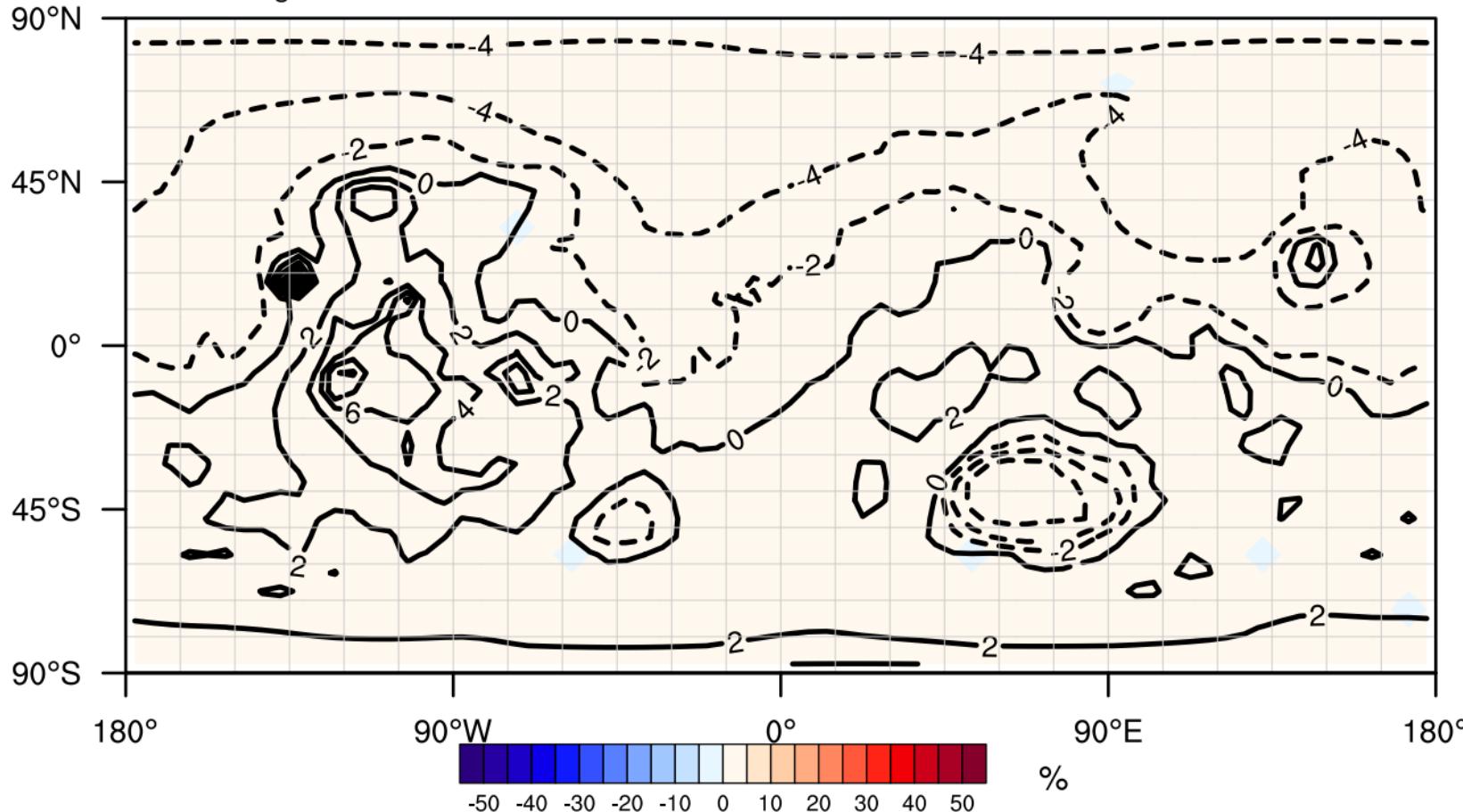
Difference of perturbation geopotential at top  
Terrain Height

Ls:0.3



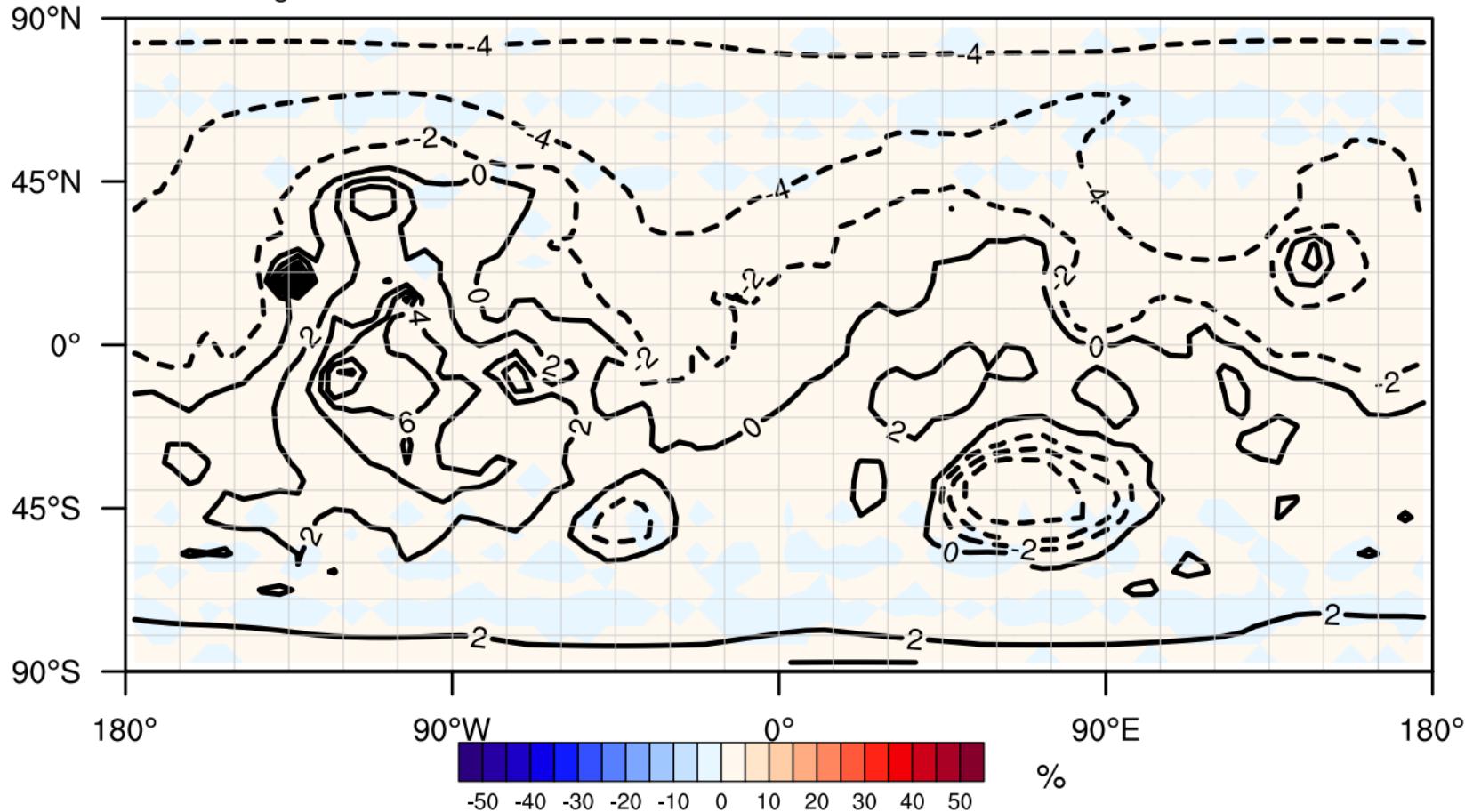
Relative difference of geopotential(%) at surface  
Terrain Height

Ls:0.3



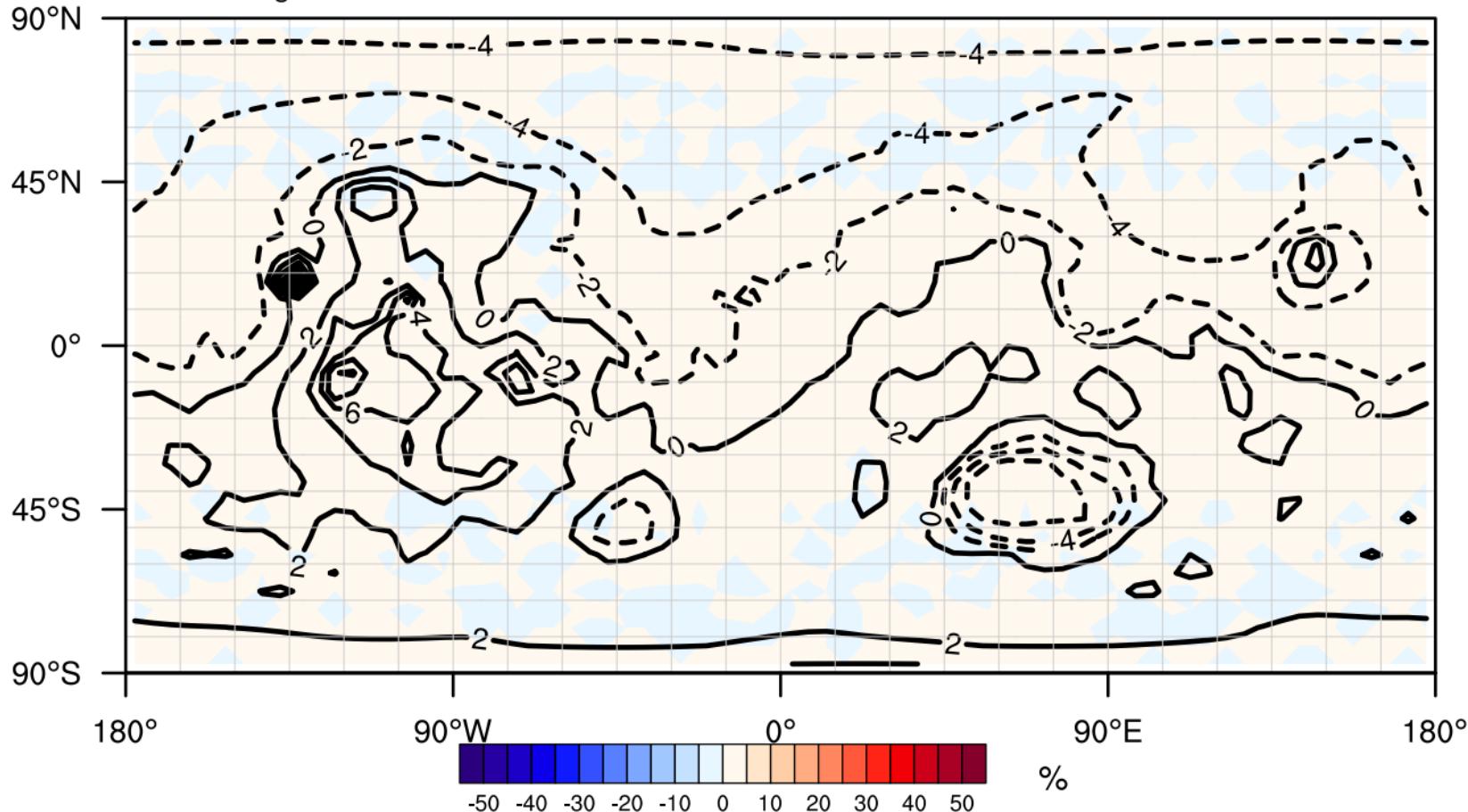
Relative difference of perturbation potential temperature ( $\theta - \theta_0$ ) (%) at surface  
Terrain Height

$L_s: 0.3$



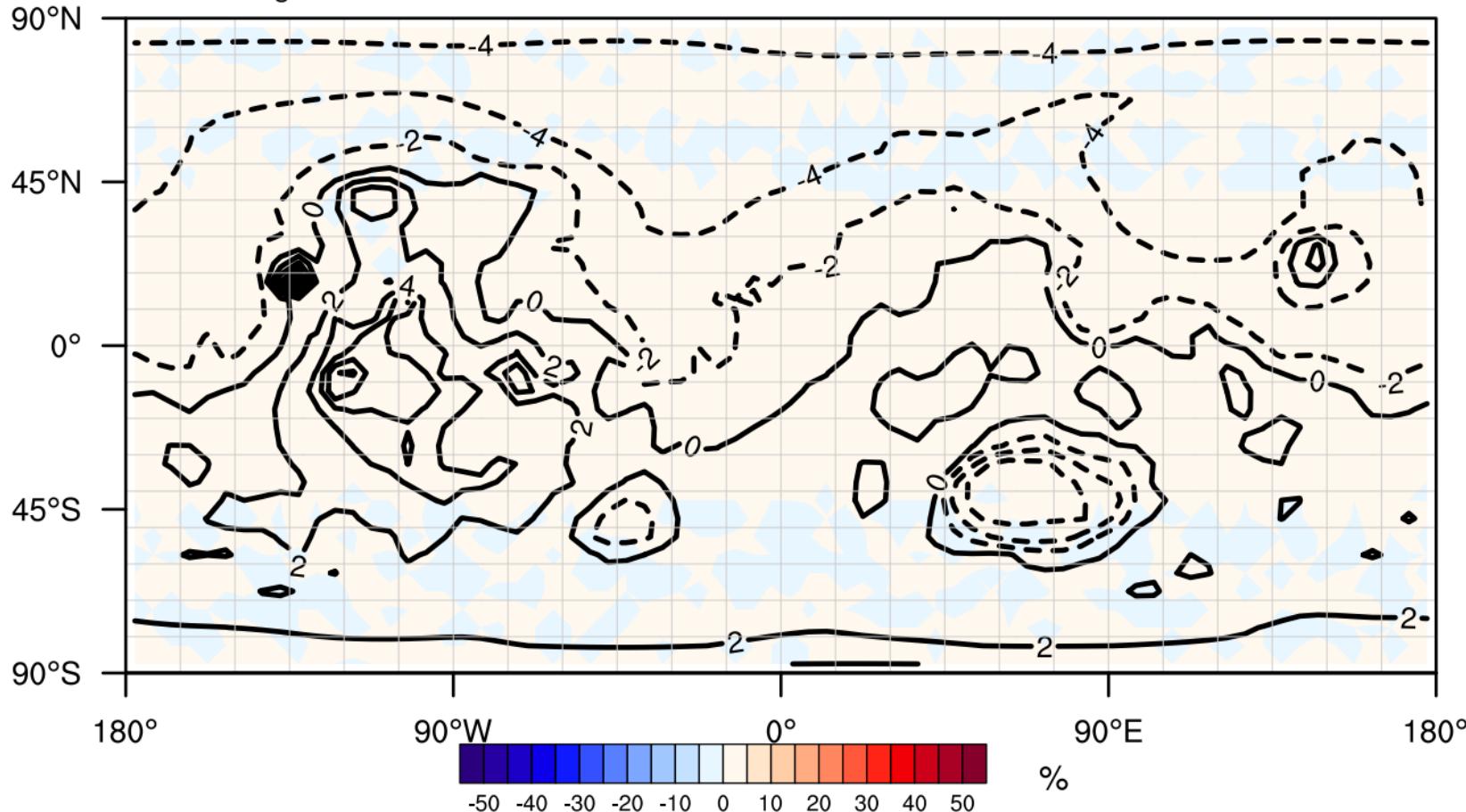
Relative difference of perturbation potential temperature ( $\theta - \theta_0$ )(%) at surface  
Terrain Height

$L_s:0.3$



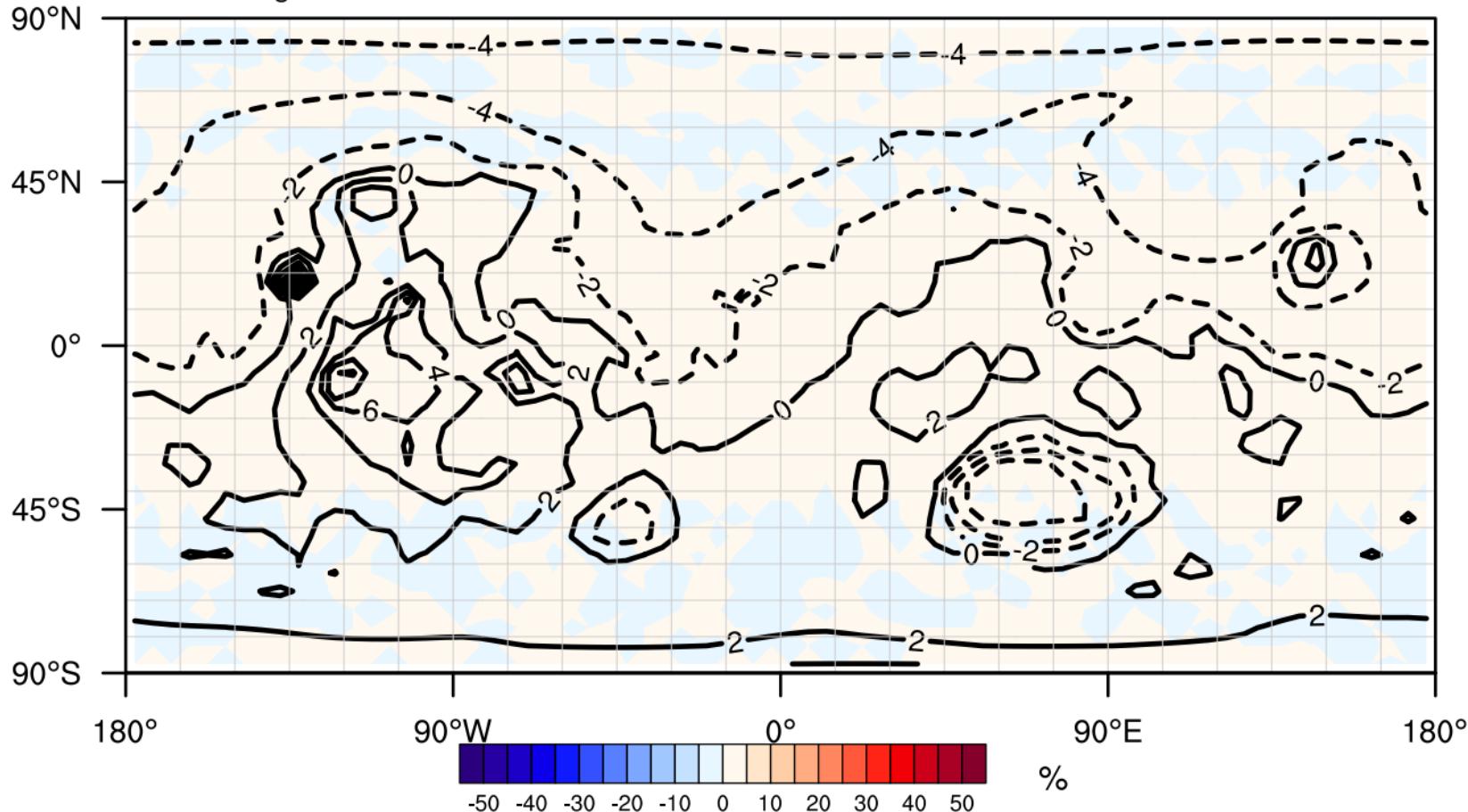
Relative difference of perturbation dry air mass in column(%) at surface  
Terrain Height

Ls:0.3



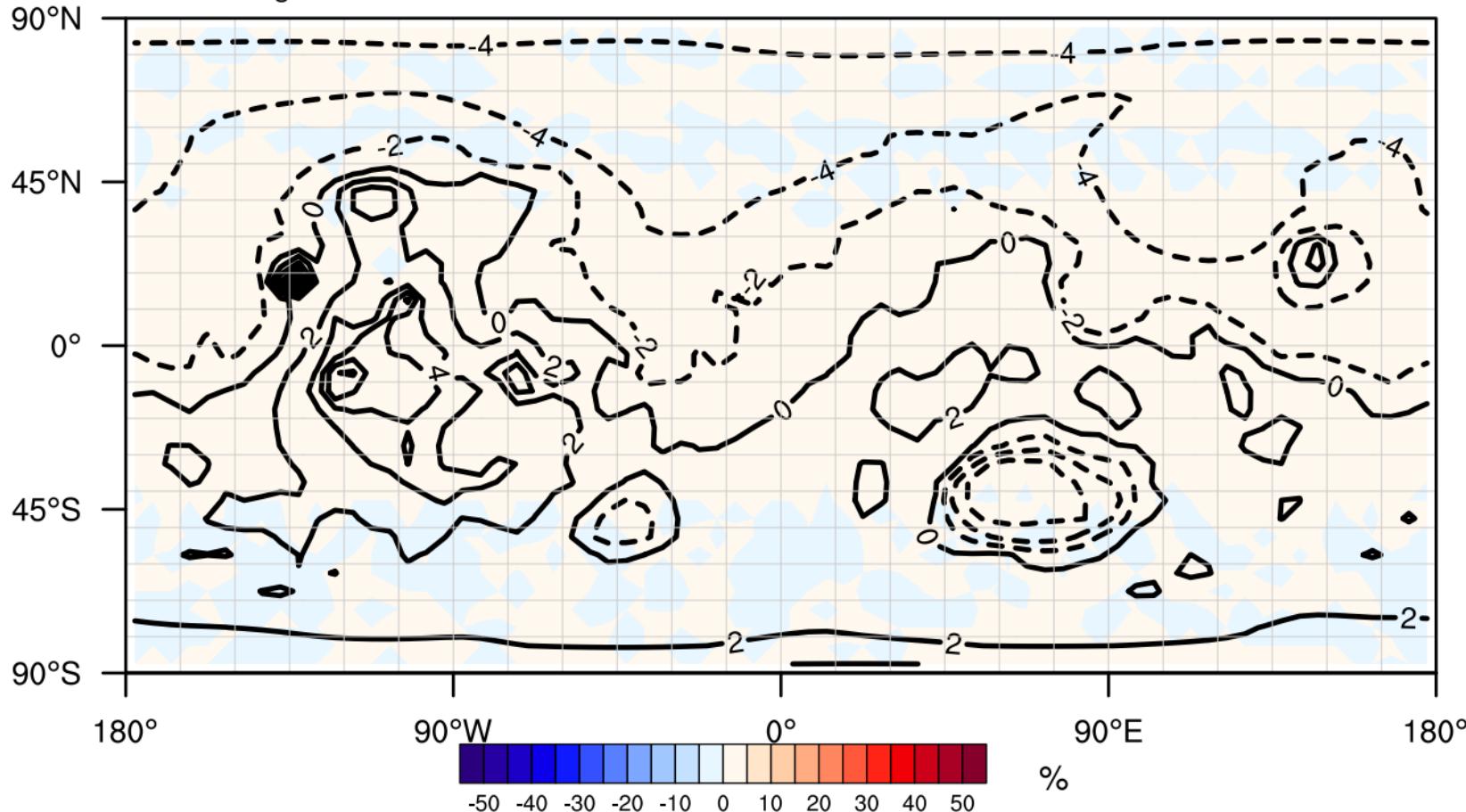
Relative difference of perturbation dry air mass in column(%) at surface  
Terrain Height

Ls:0.3



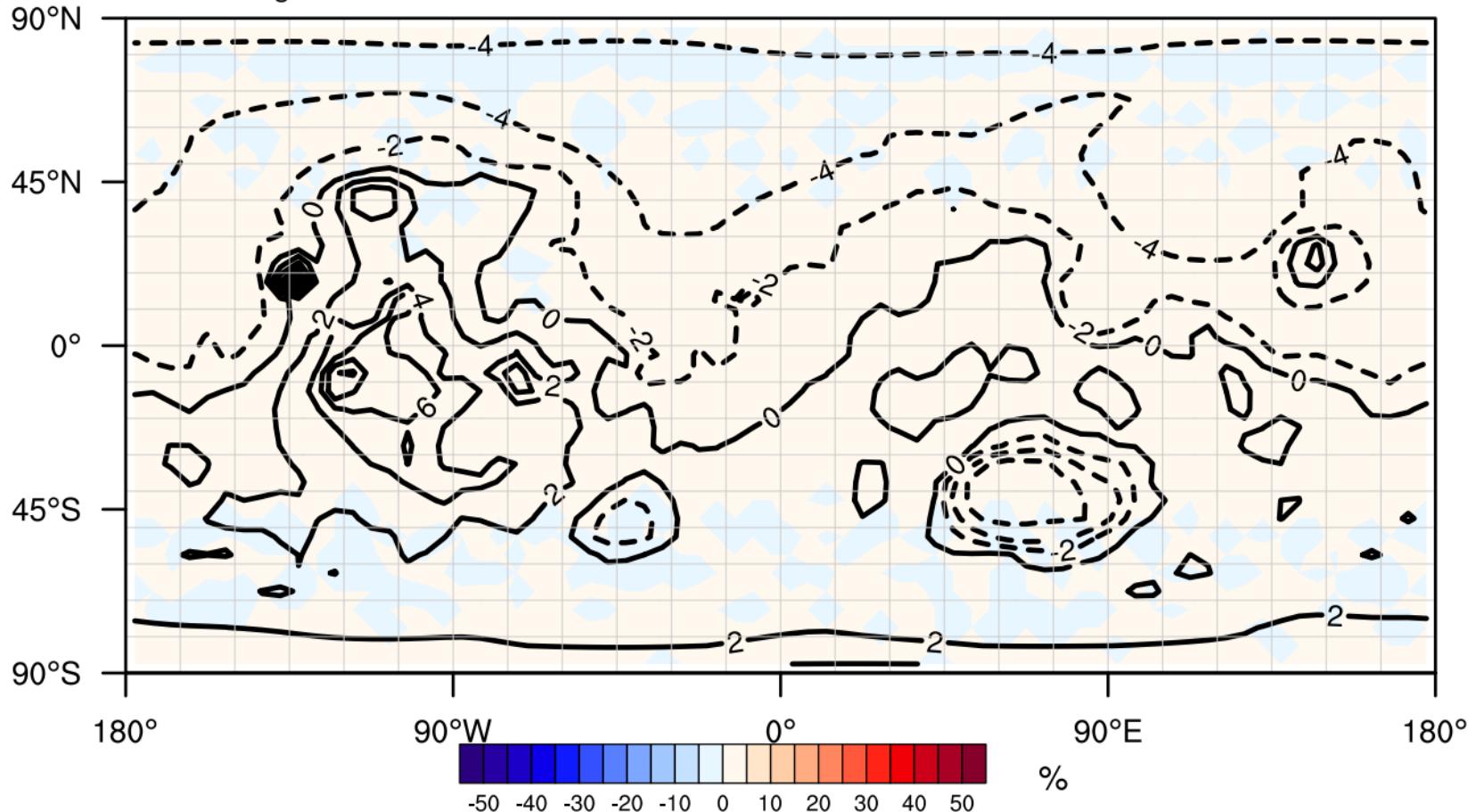
Relative difference of perturbation pressure(%) at surface  
Terrain Height

Ls:0.3



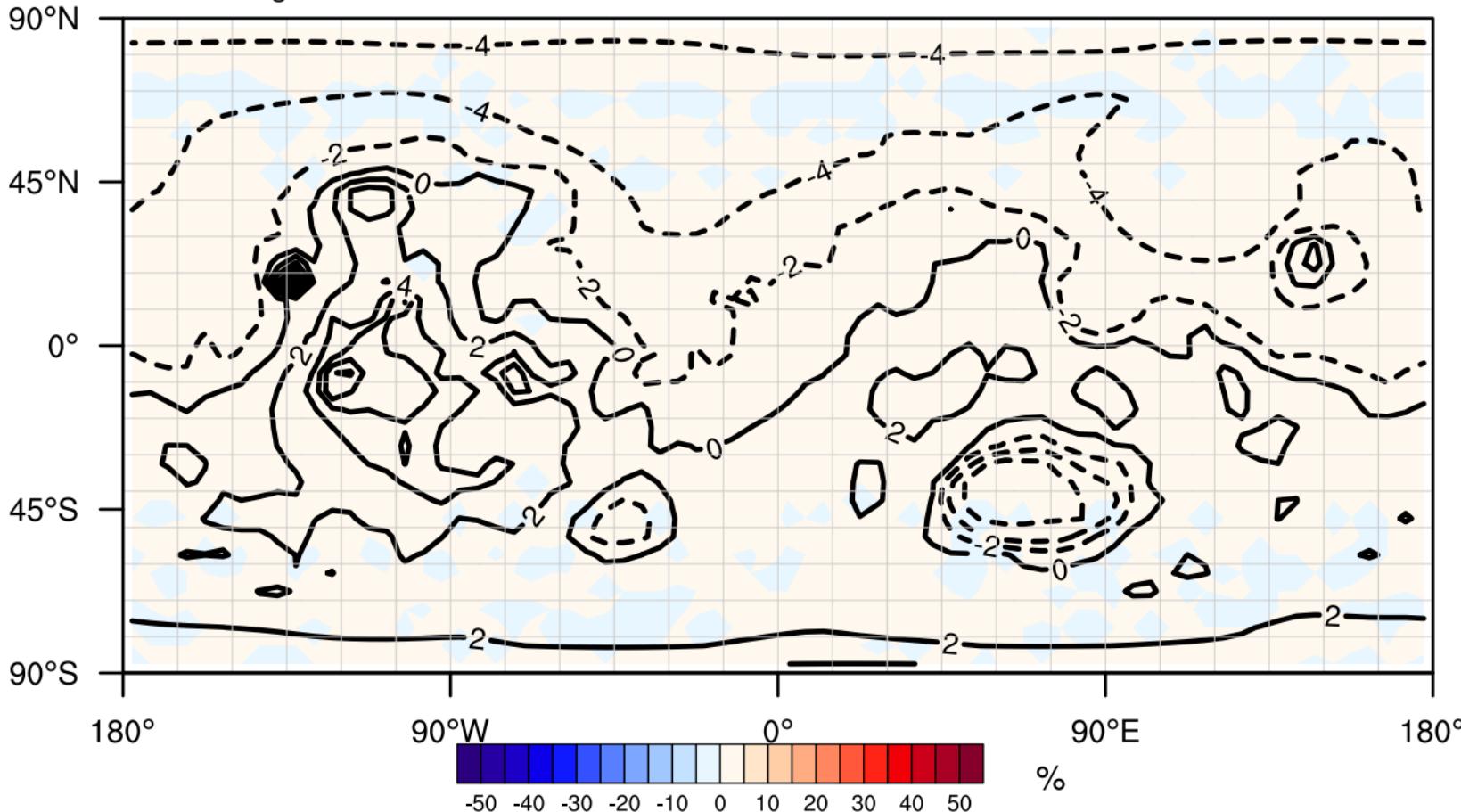
Relative difference of inverse perturbation density(%) at surface  
Terrain Height

Ls:0.3



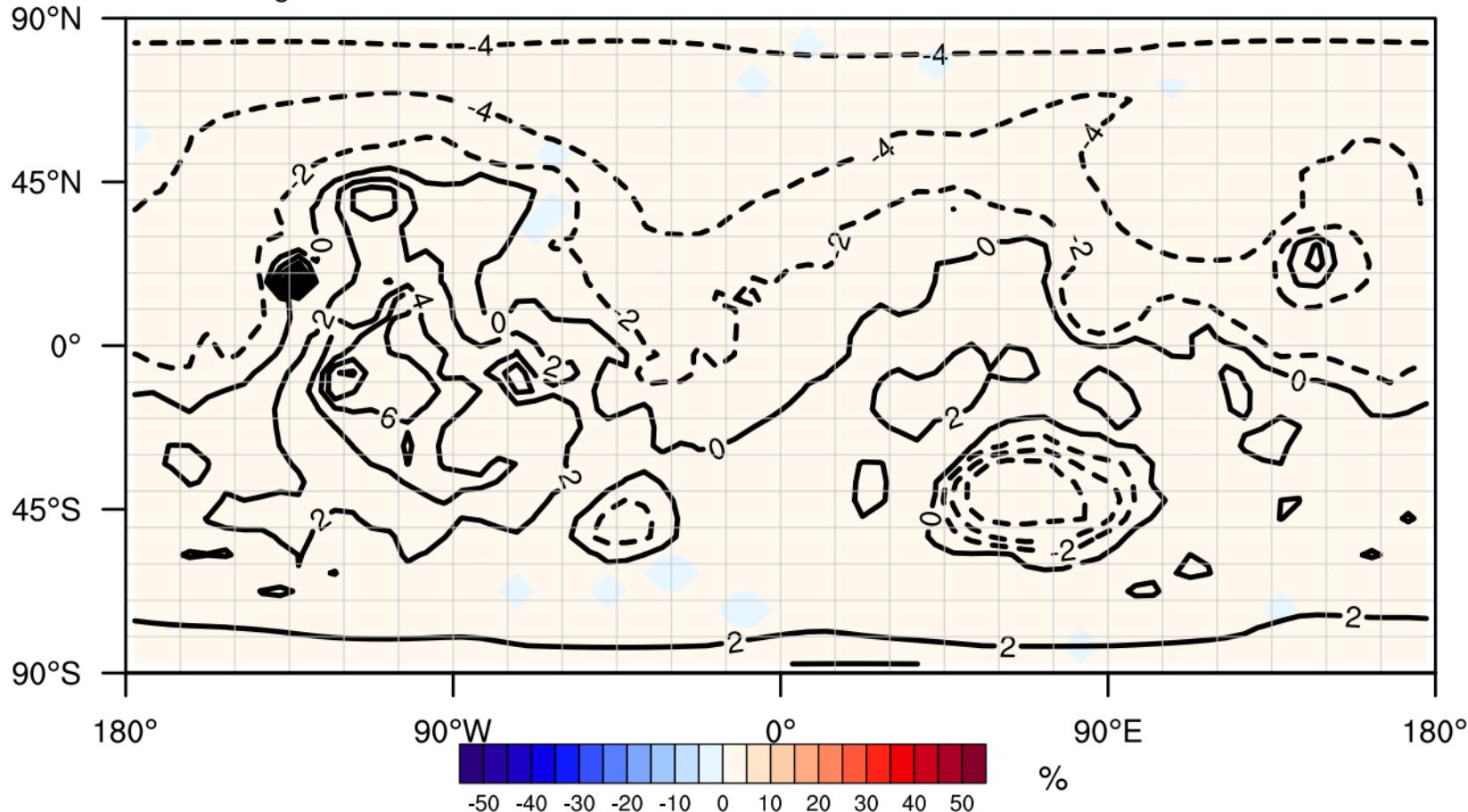
Relative difference of inverse density(%) at surface  
Terrain Height

Ls:0.3



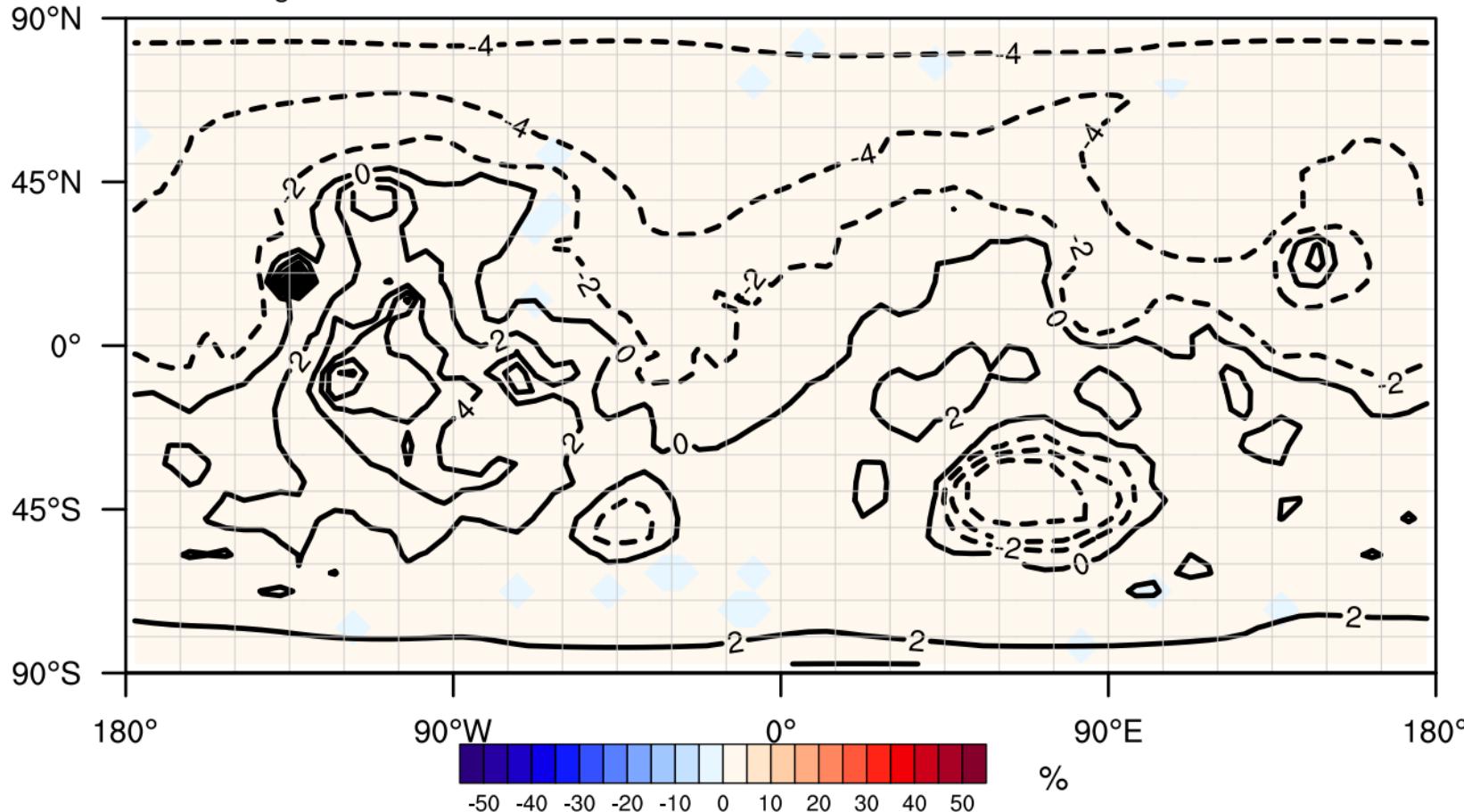
Relative difference of hydrostatic pressure(%) at surface  
Terrain Height

Ls:0.3



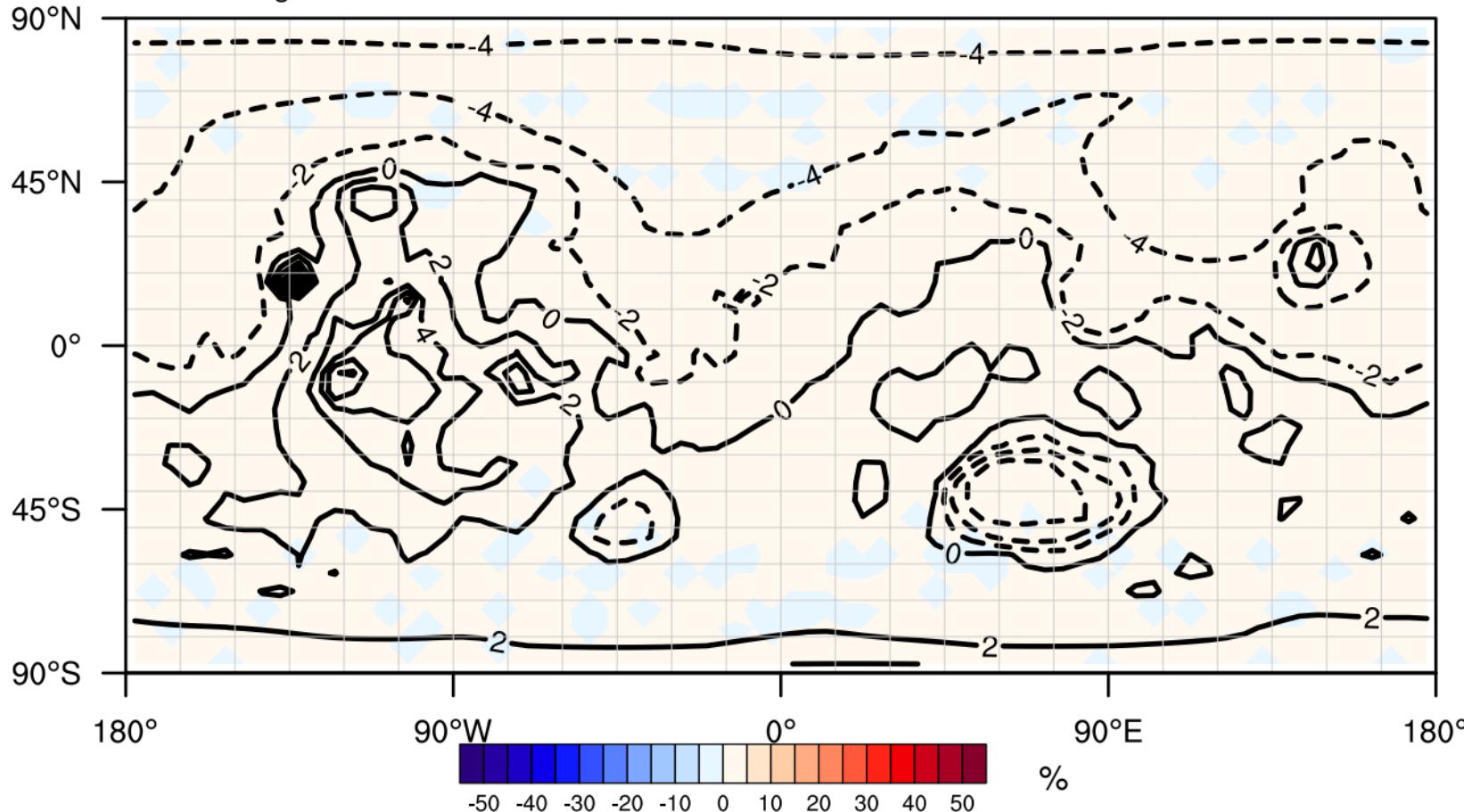
Relative difference of hydrostatic pressure at full levels(%) at surface  
Terrain Height

Ls:0.3



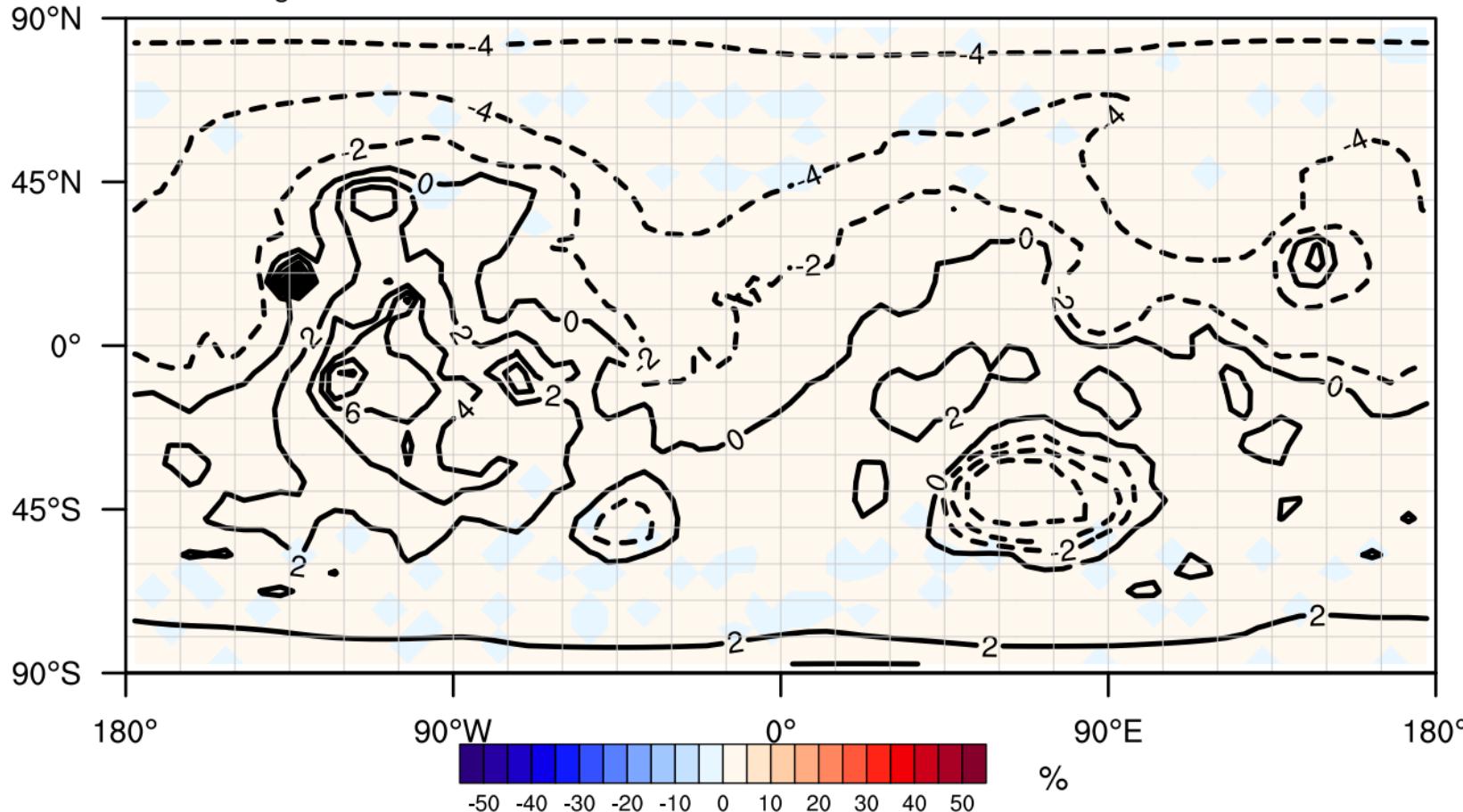
Relative difference of TEMP at 2 M(%) at surface  
Terrain Height

Ls:0.3



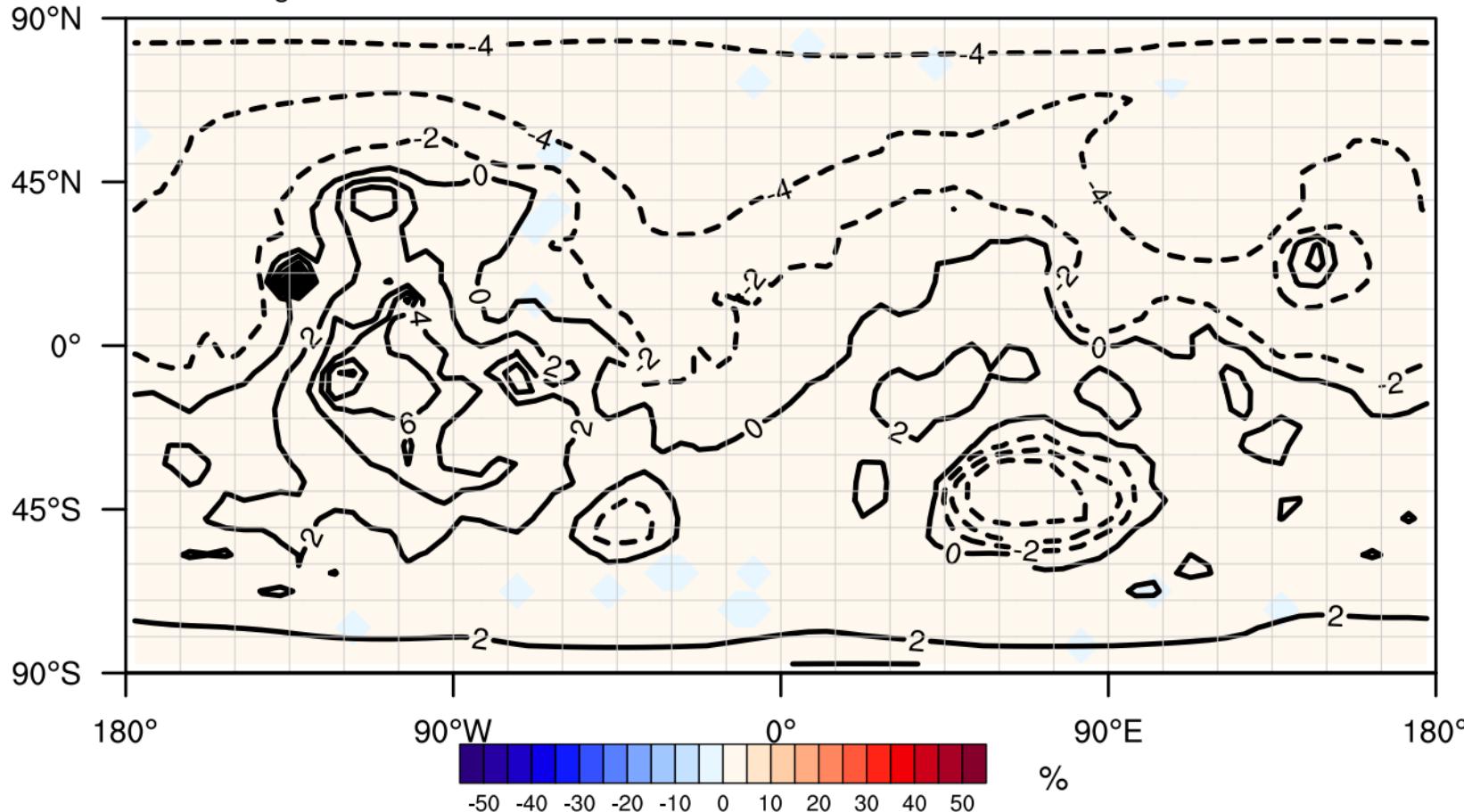
Relative difference of POT TEMP at 2 M(%) at surface  
Terrain Height

Ls:0.3



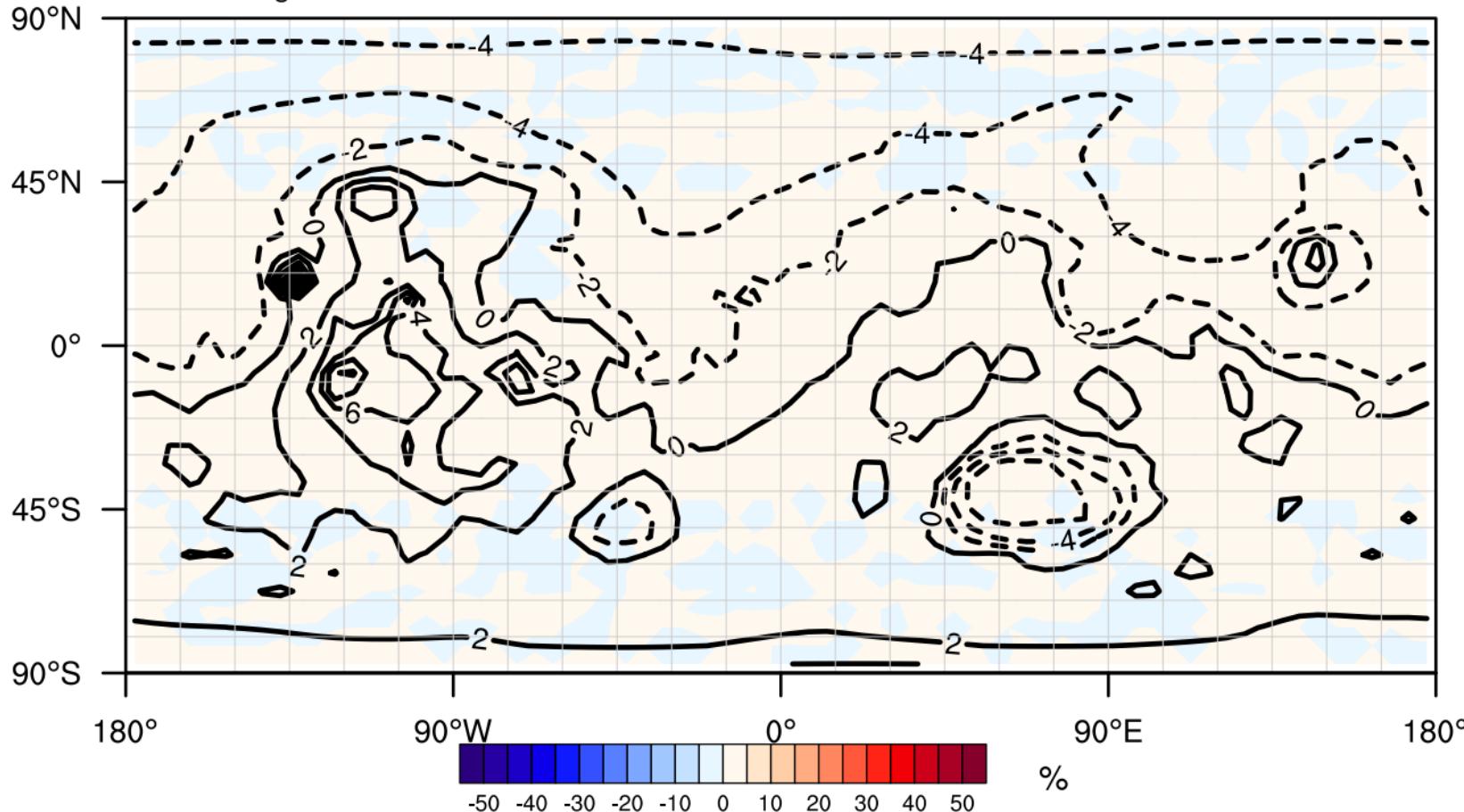
Relative difference of SFC PRESSURE(%) at surface  
Terrain Height

Ls:0.3



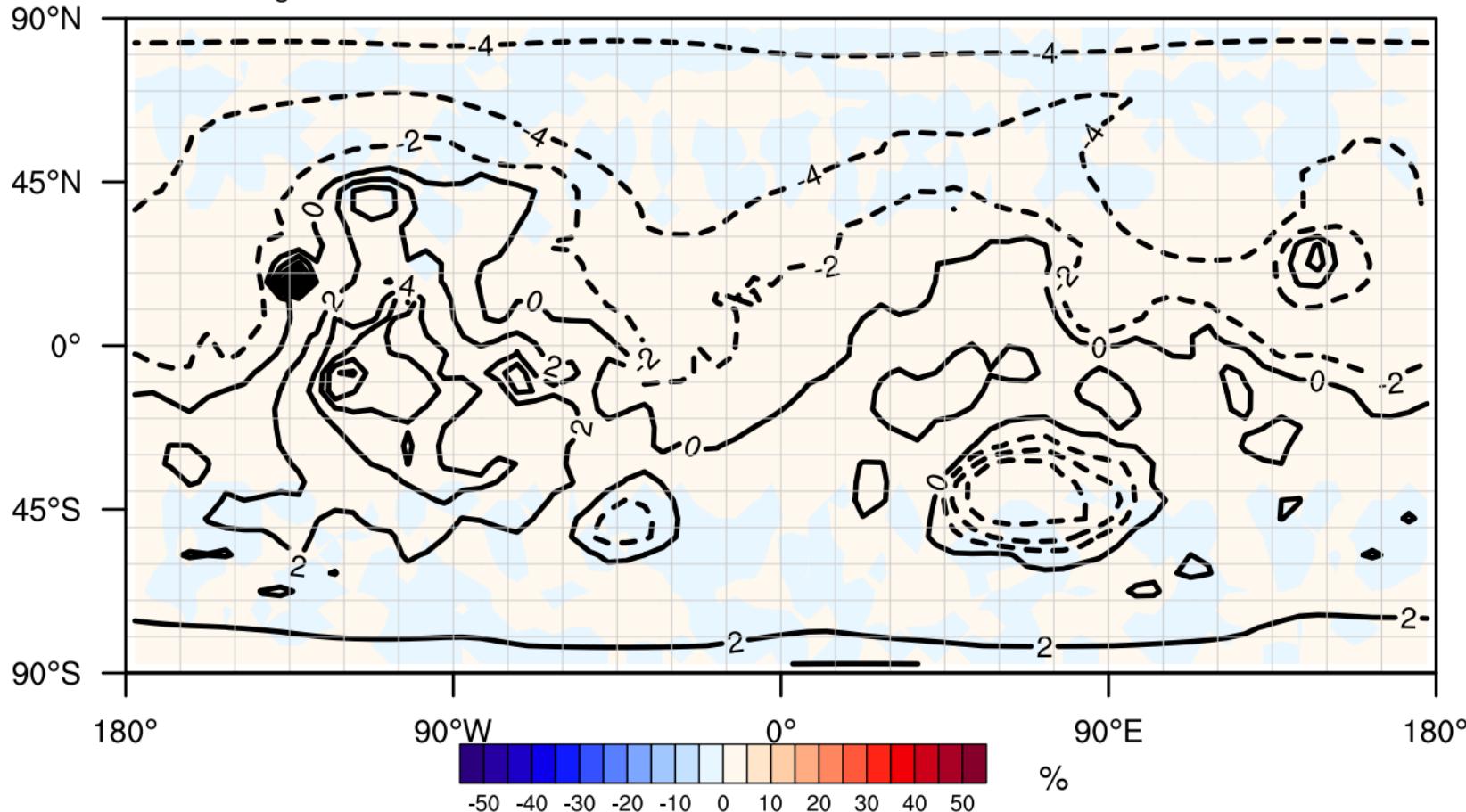
Relative difference of U at 10 M(%) at surface  
Terrain Height

Ls:0.3



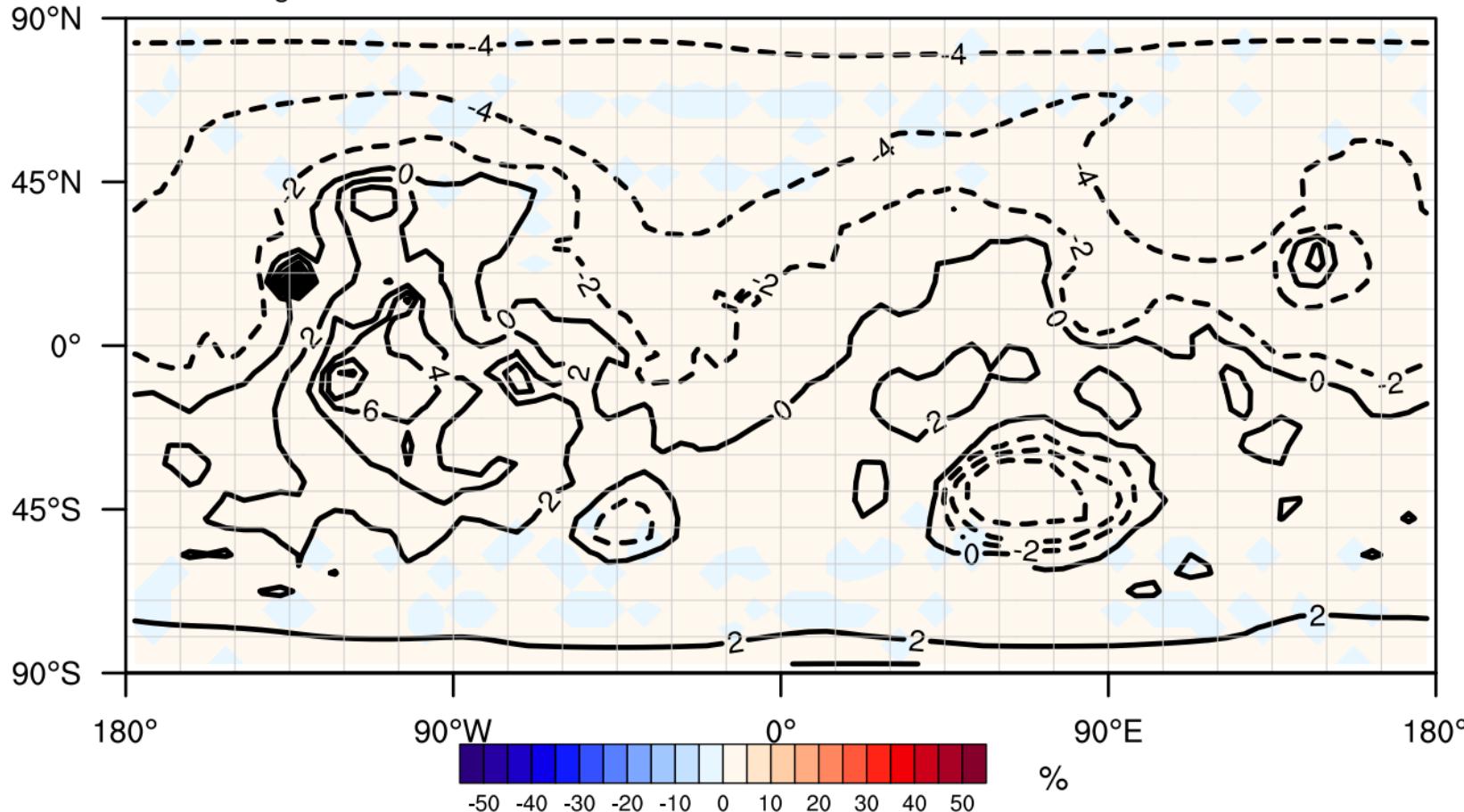
Relative difference of V at 10 M(%) at surface  
Terrain Height

Ls:0.3



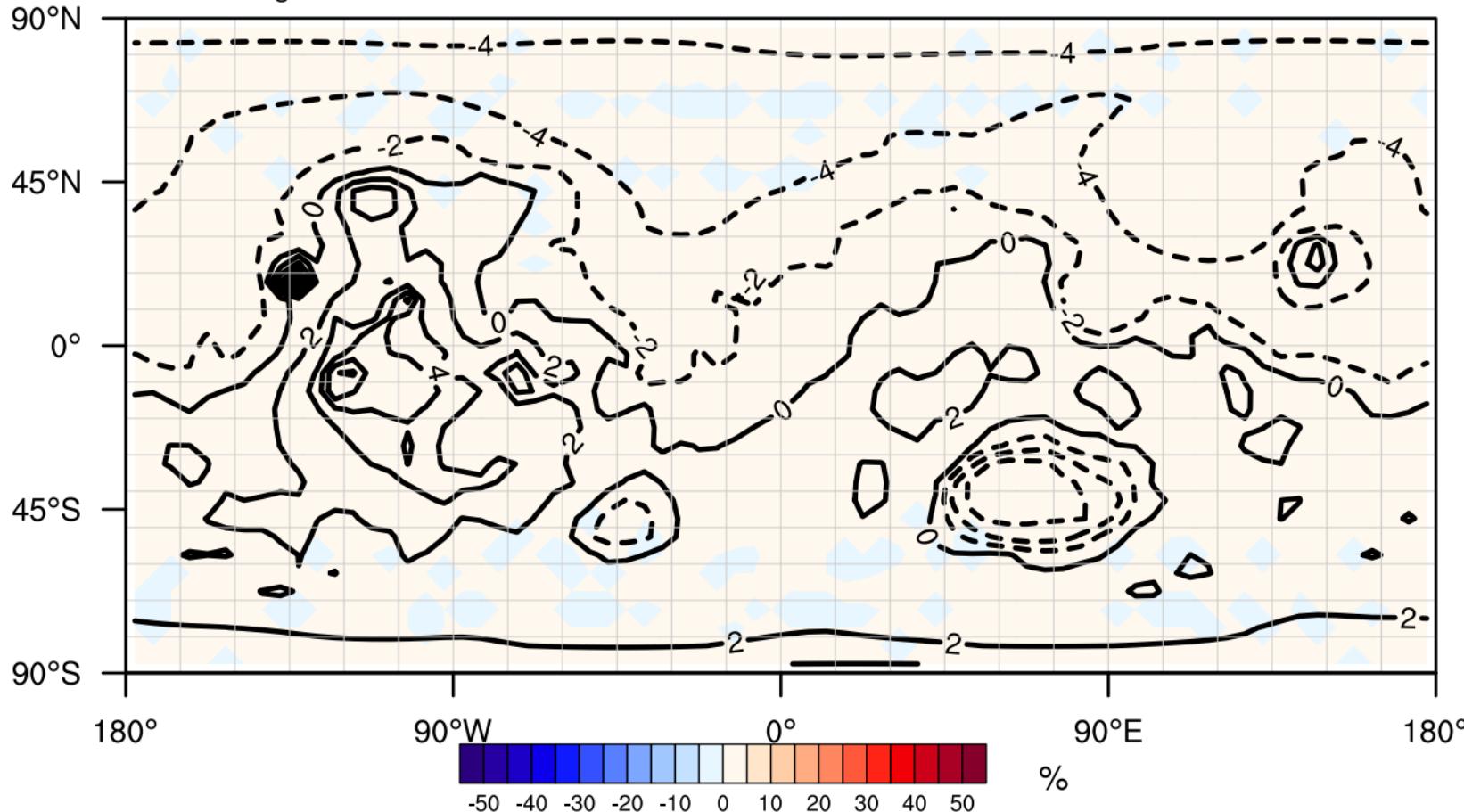
Relative difference of TEMP at 1.5 M(%) at surface  
Terrain Height

Ls:0.3



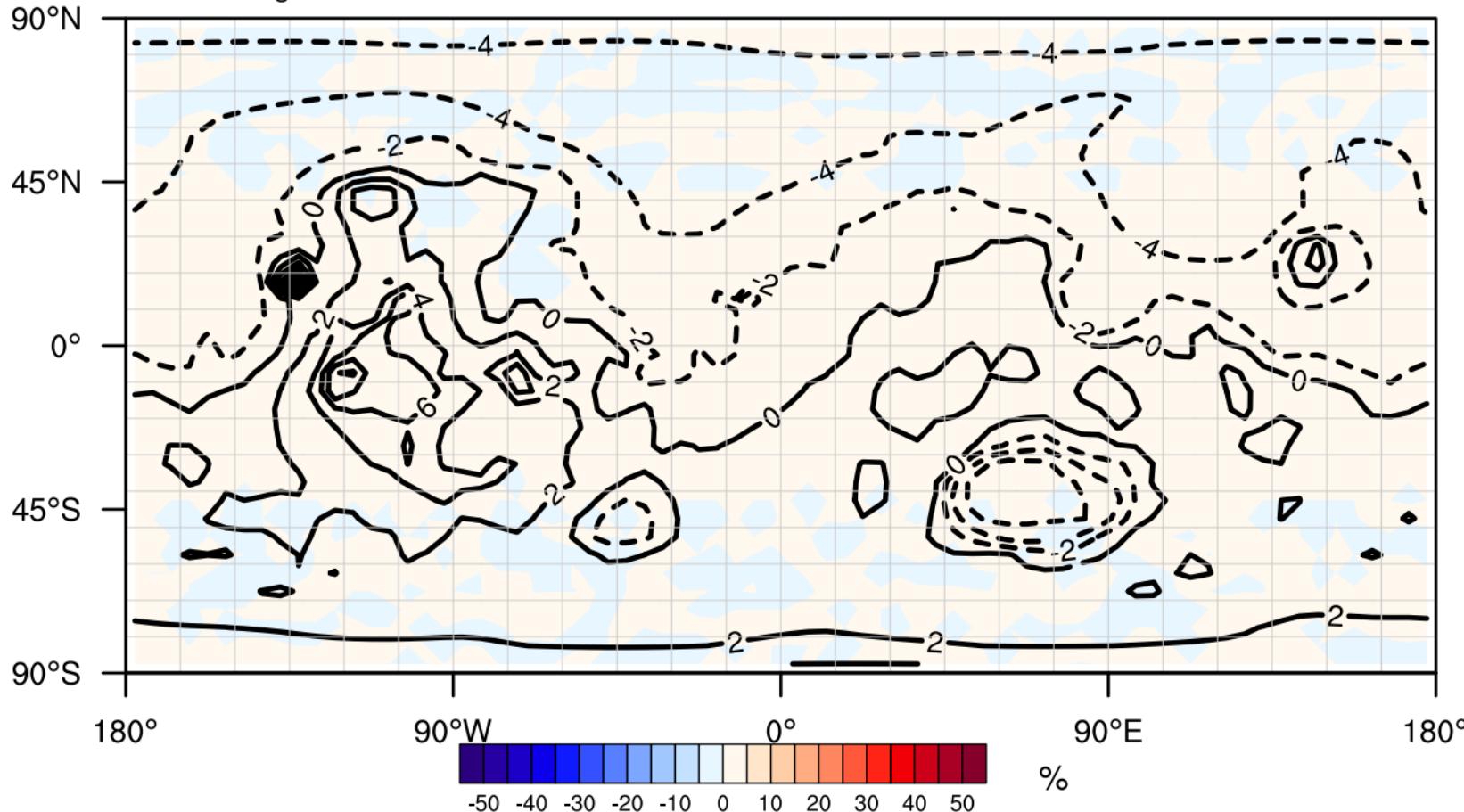
Relative difference of POT TEMP at 1.5 M(%) at surface  
Terrain Height

Ls:0.3



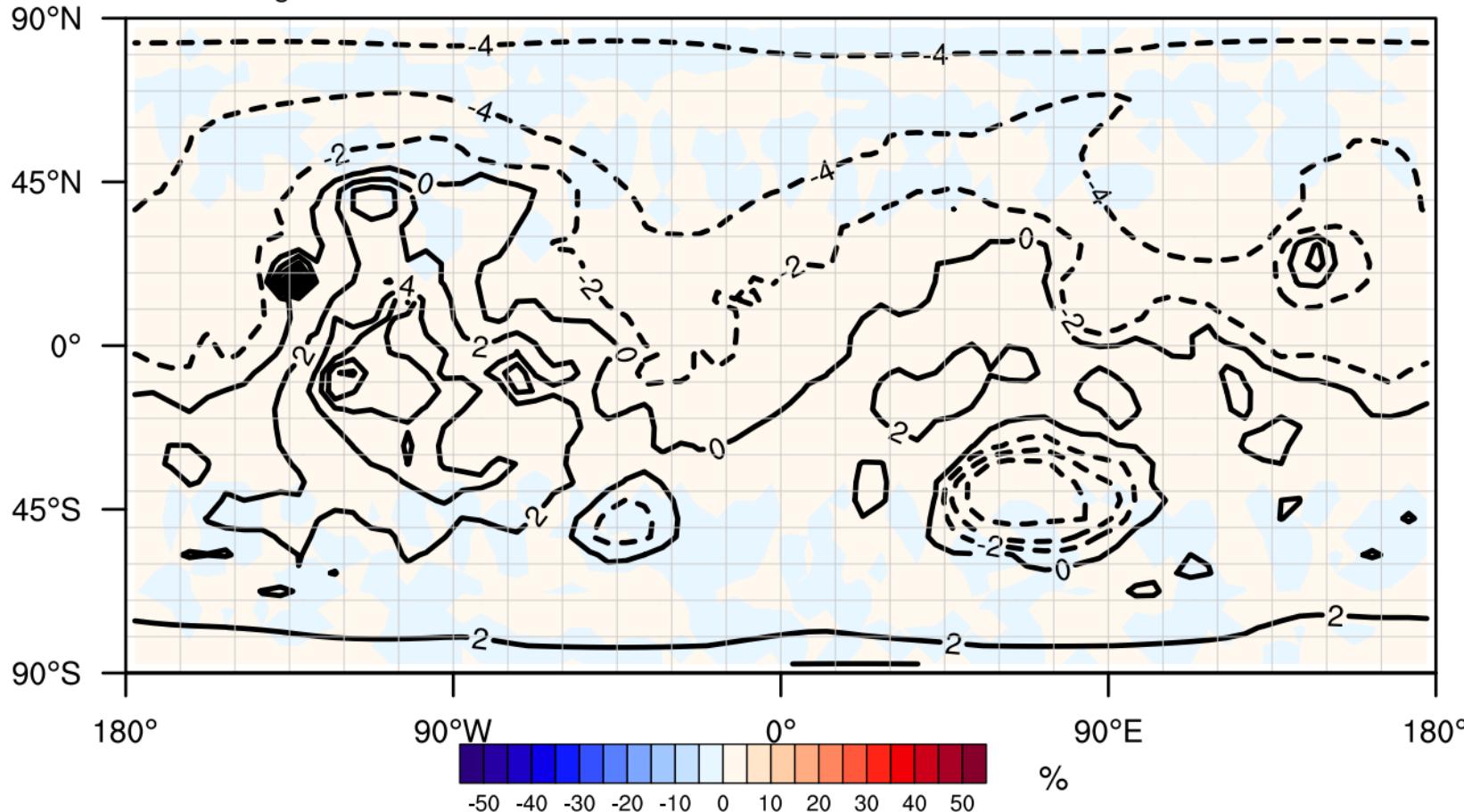
Relative difference of U at 1.5 M(%) at surface  
Terrain Height

Ls:0.3



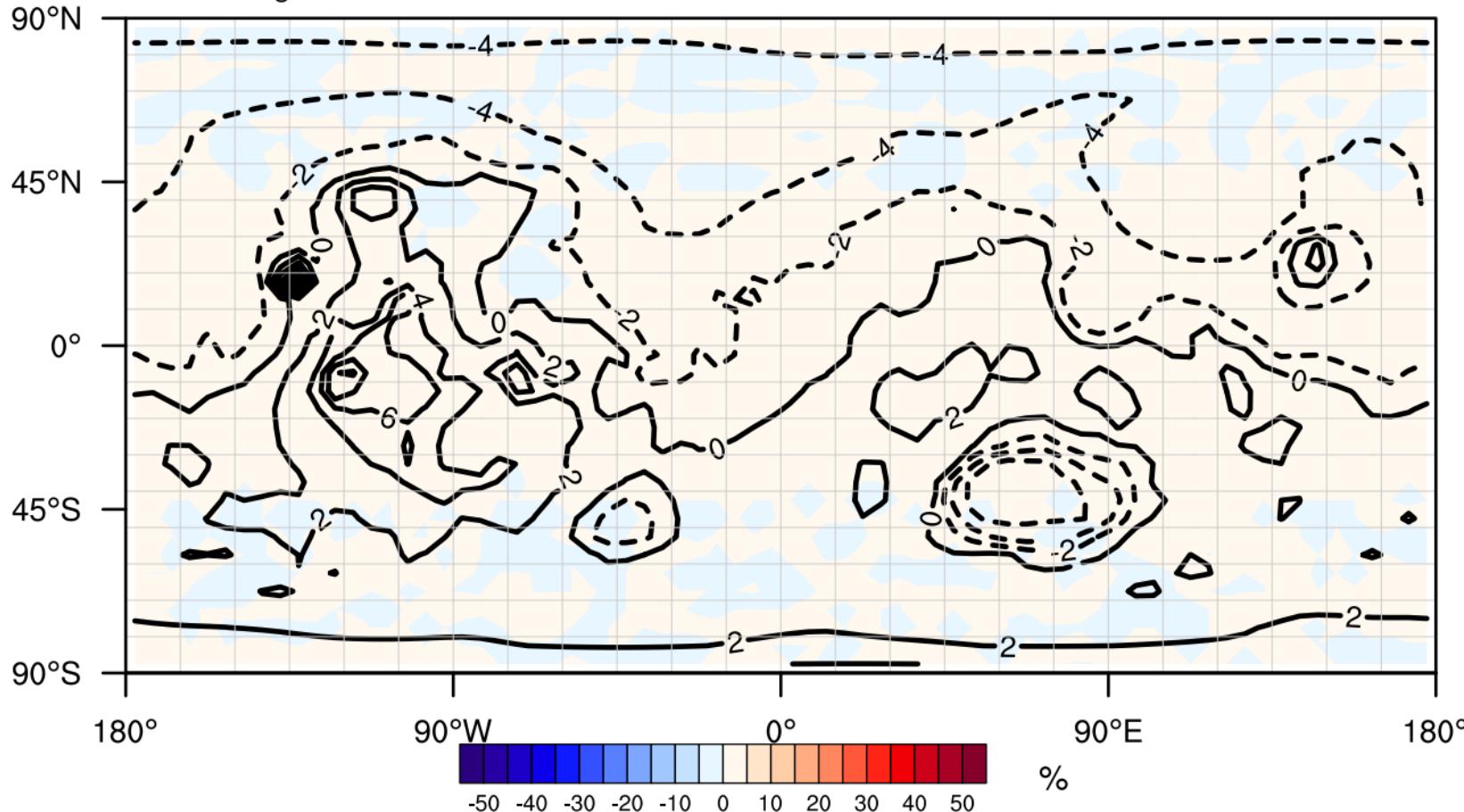
Relative difference of V at 1.5 M(%) at surface  
Terrain Height

Ls:0.3



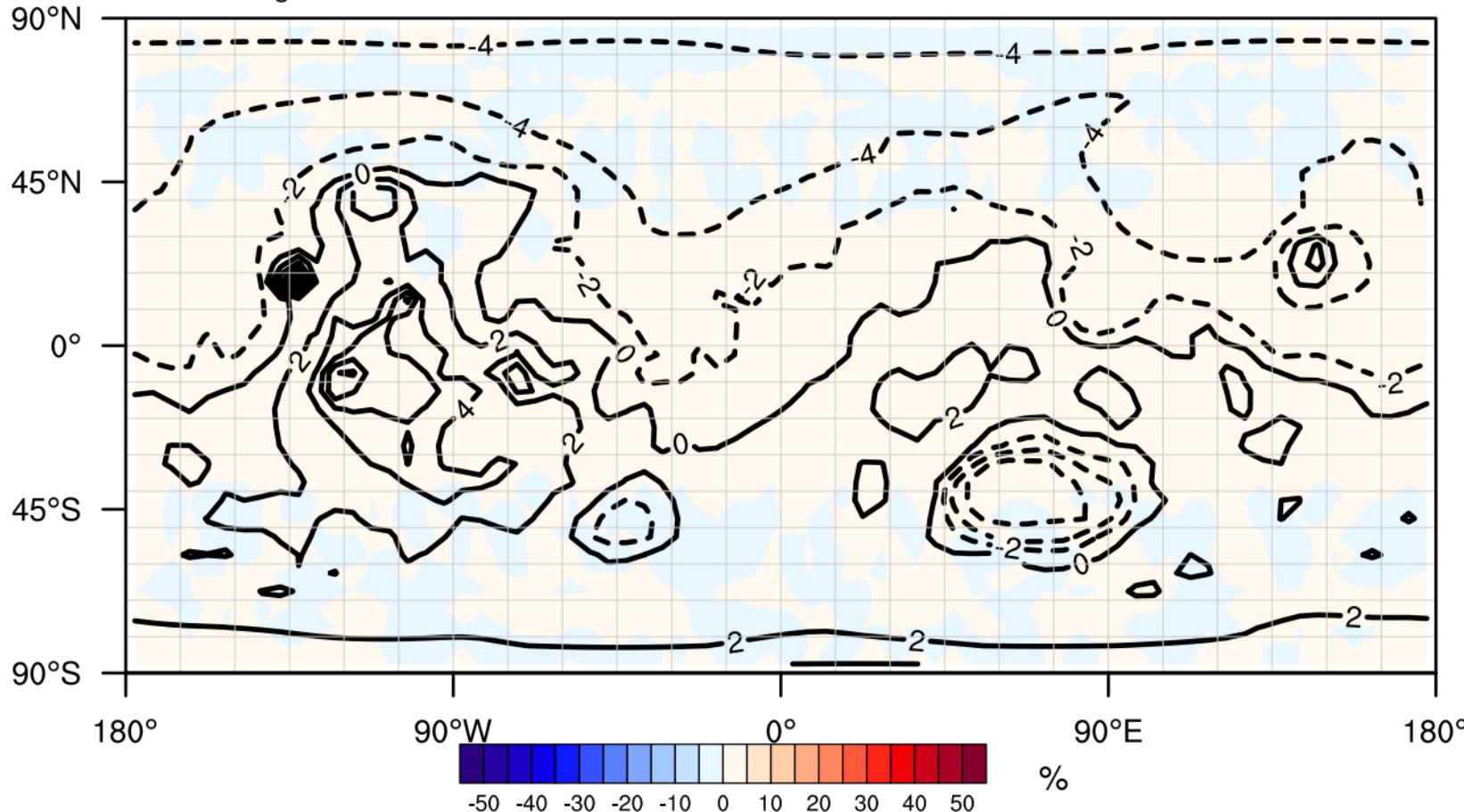
Relative difference of U at 1 M(%) at surface  
Terrain Height

Ls:0.3



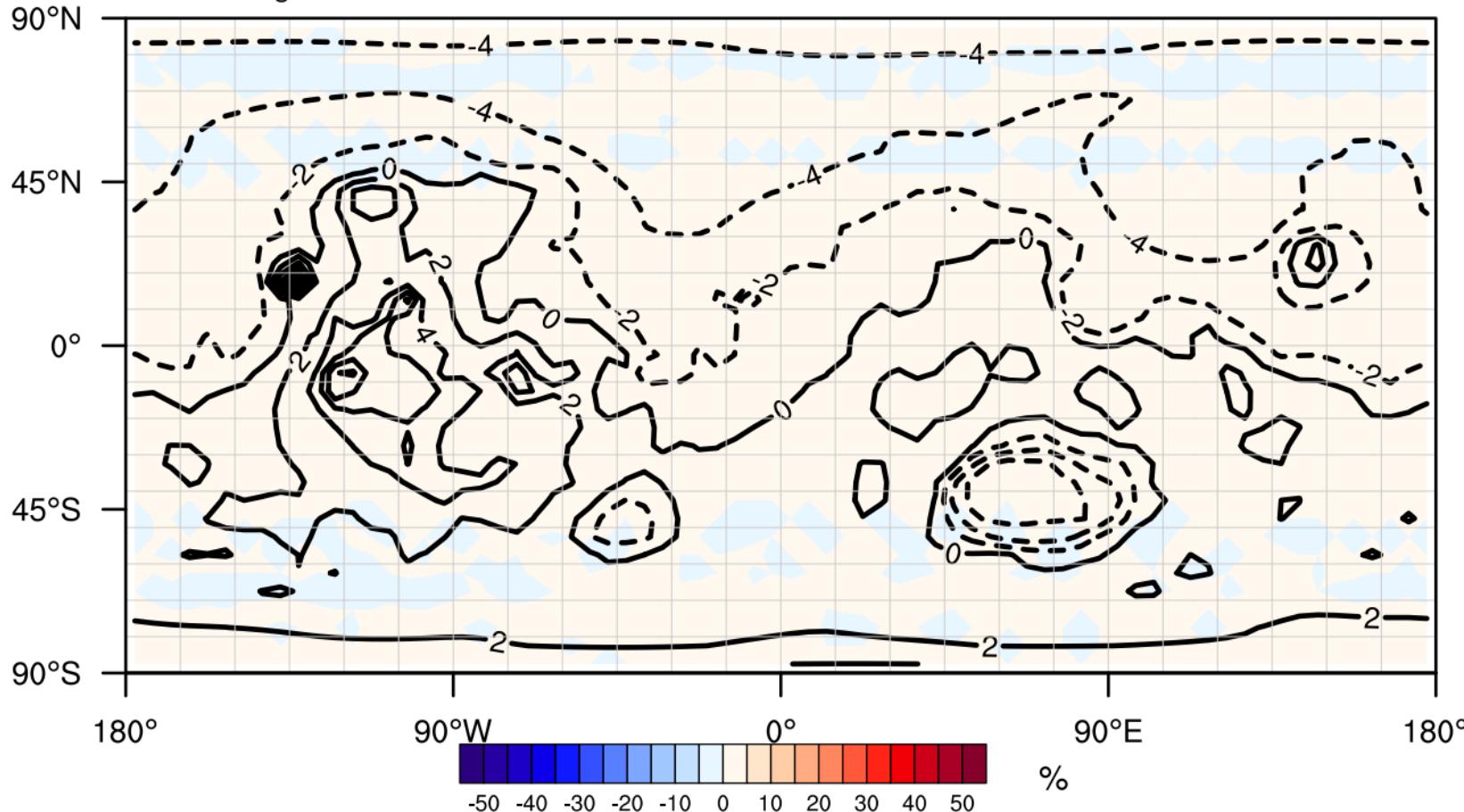
Relative difference of V at 1 M(%) at surface  
Terrain Height

Ls:0.3



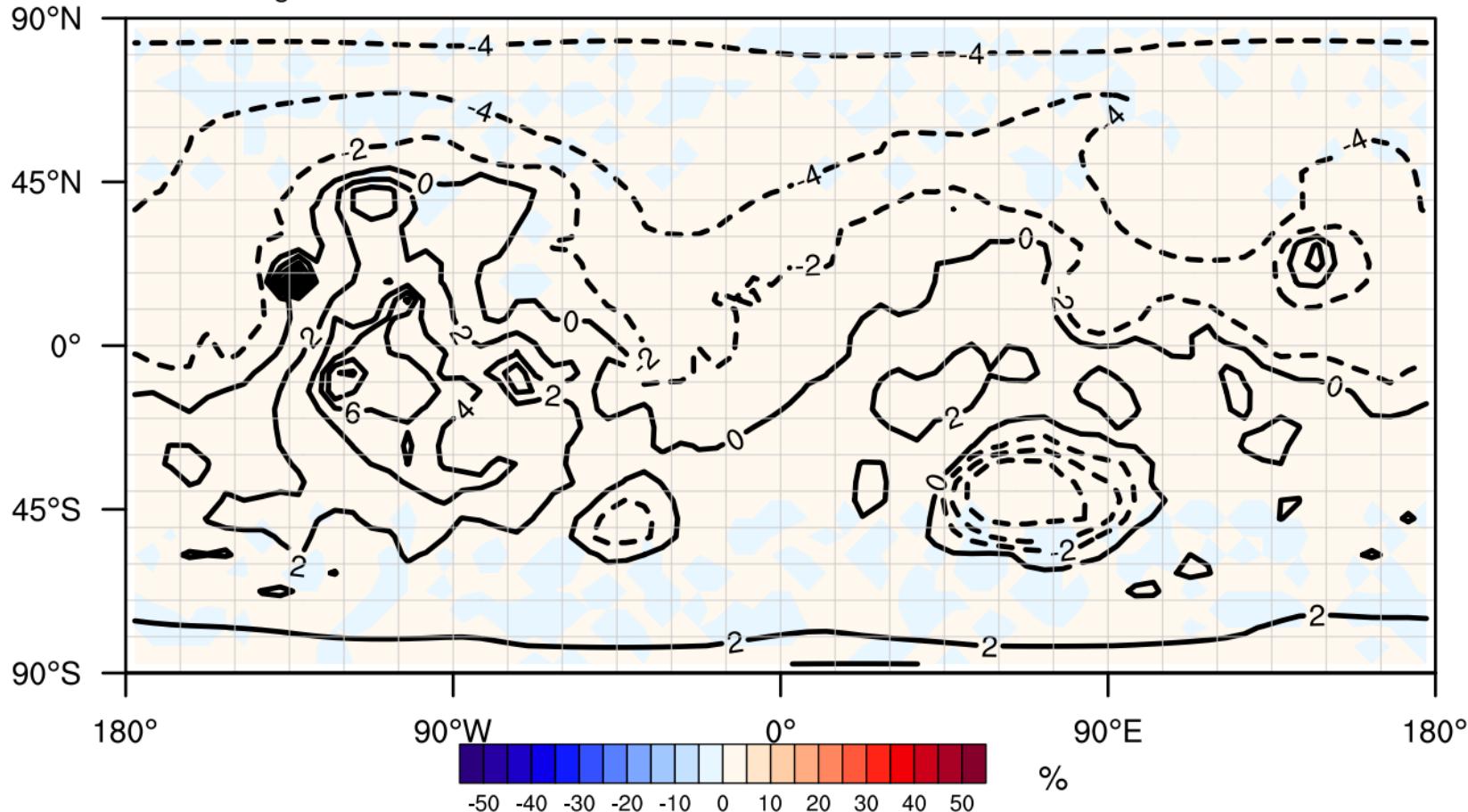
Relative difference of Surface air density(%) at surface  
Terrain Height

Ls:0.3



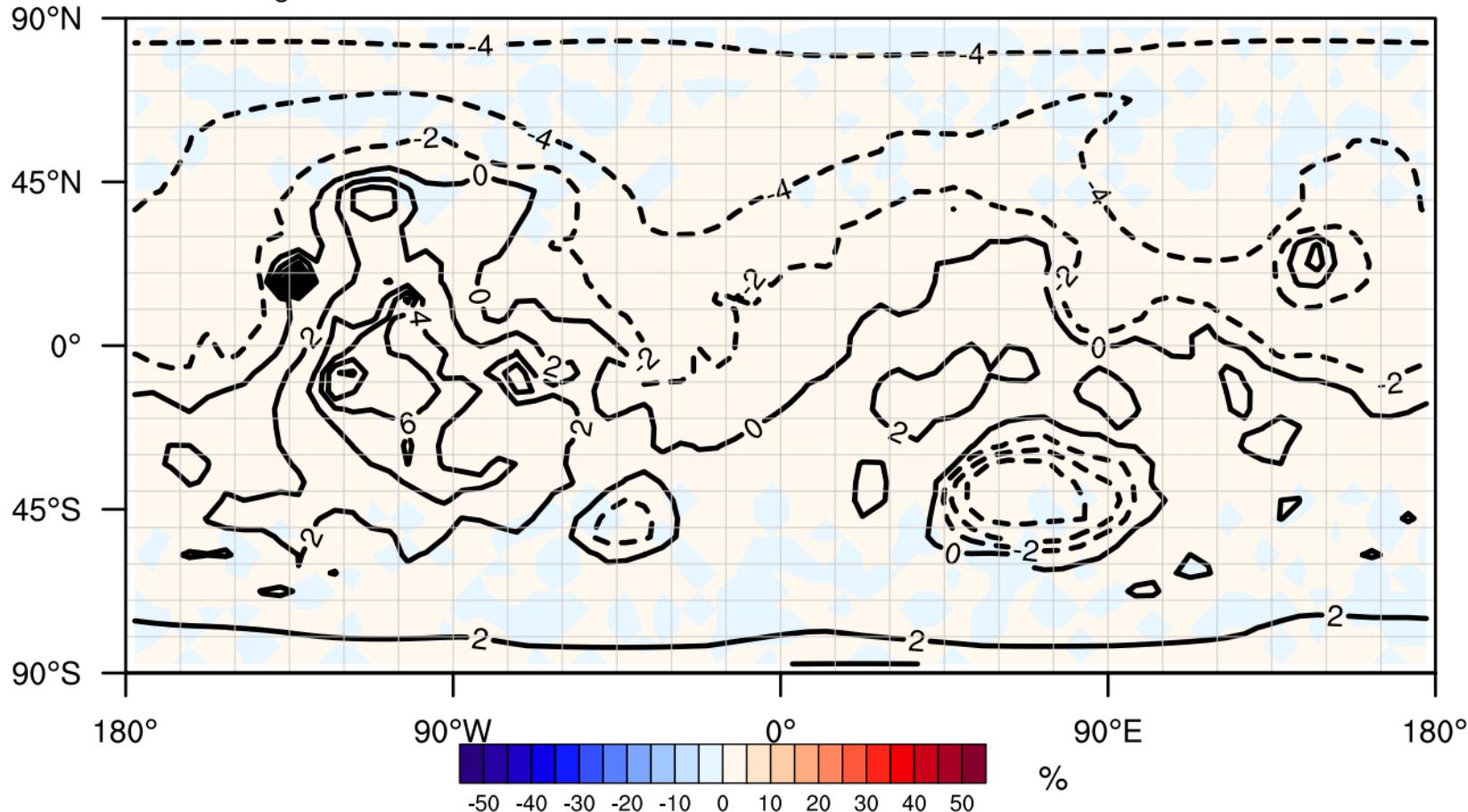
Relative difference of Ratio of U over U10 on mass points(%) at surface  
Terrain Height

Ls:0.3



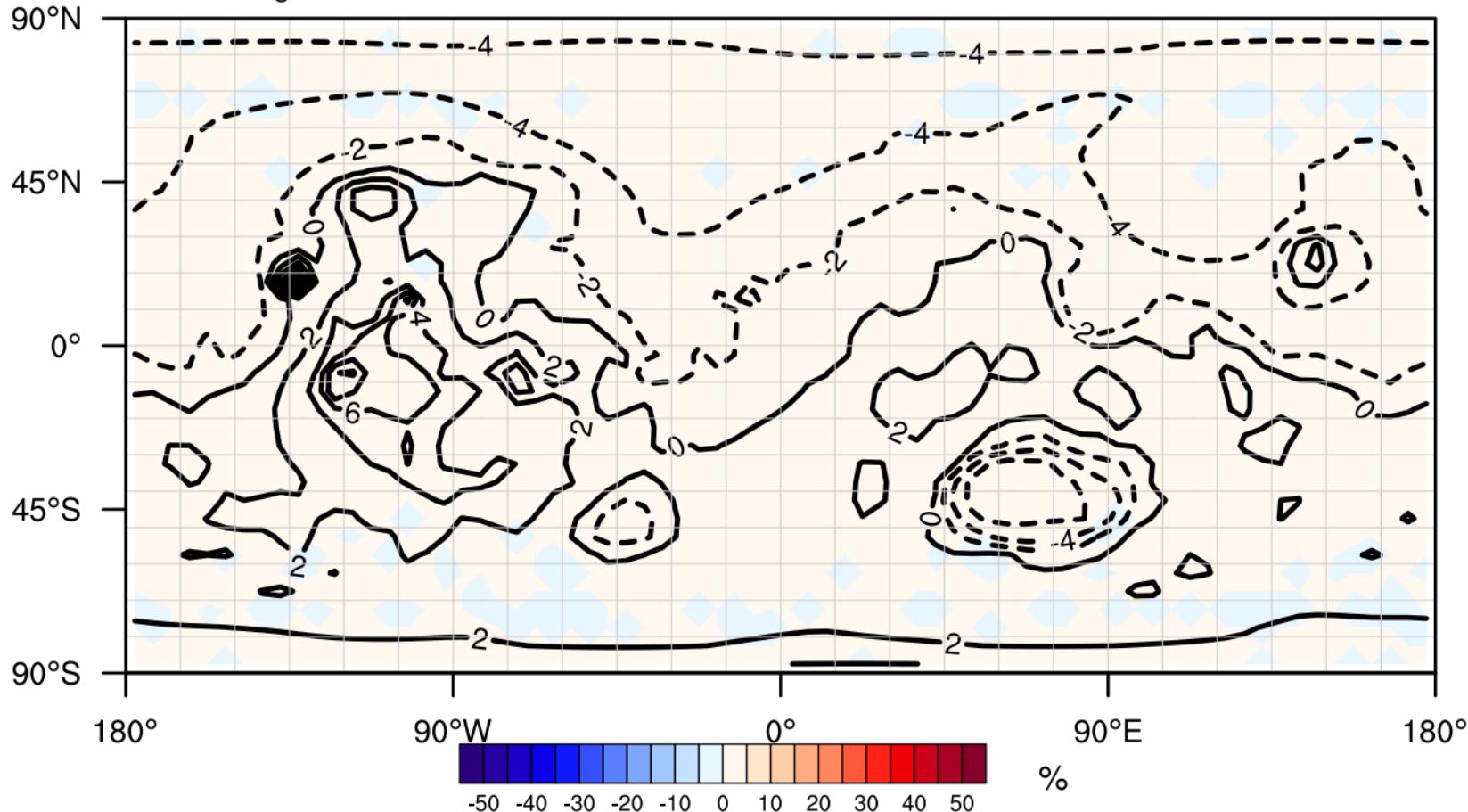
Relative difference of Ratio of V over V10 on mass points(%) at surface  
Terrain Height

Ls:0.3



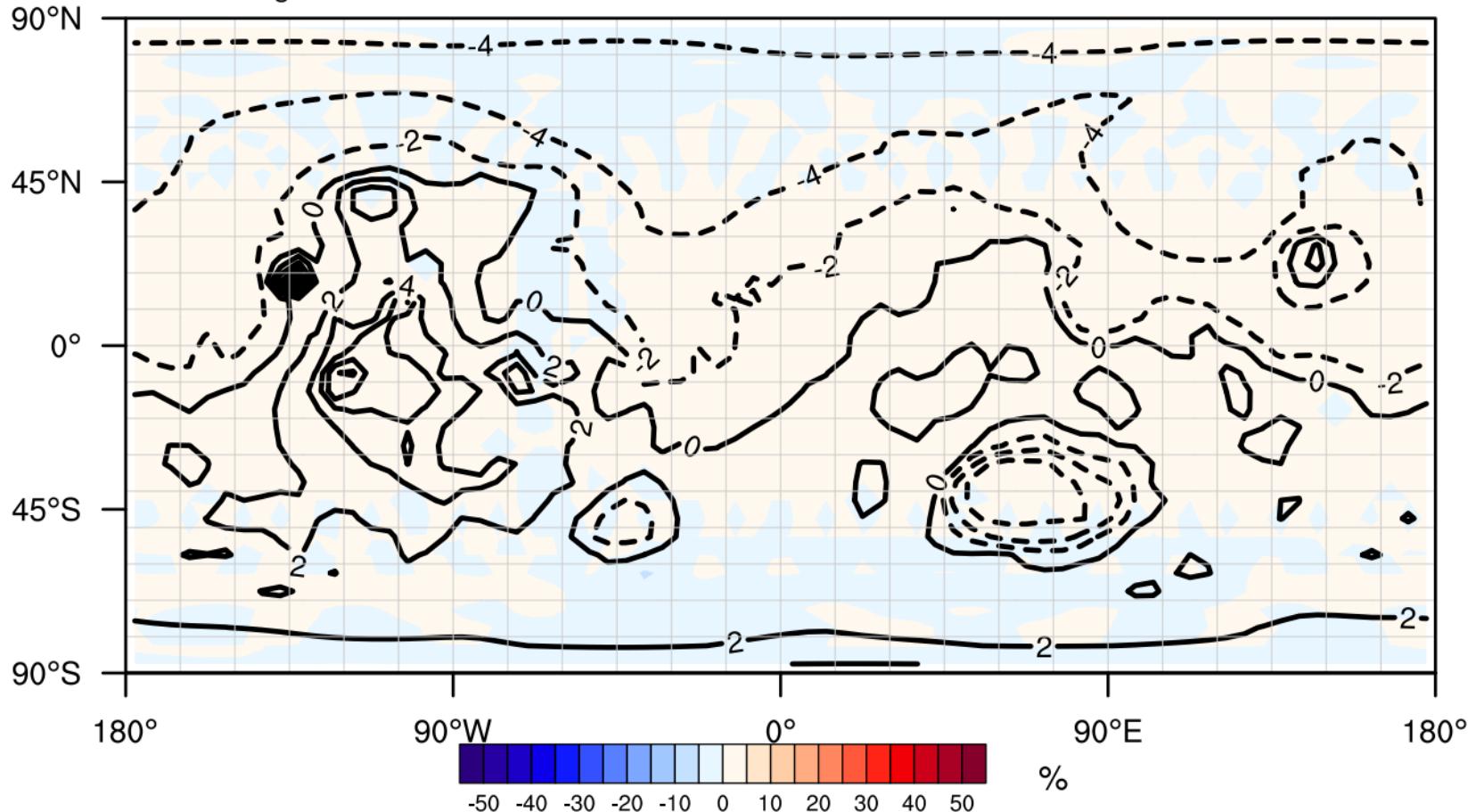
Relative difference of Ratio of T over TH2 on mass points(%) at surface  
Terrain Height

Ls:0.3



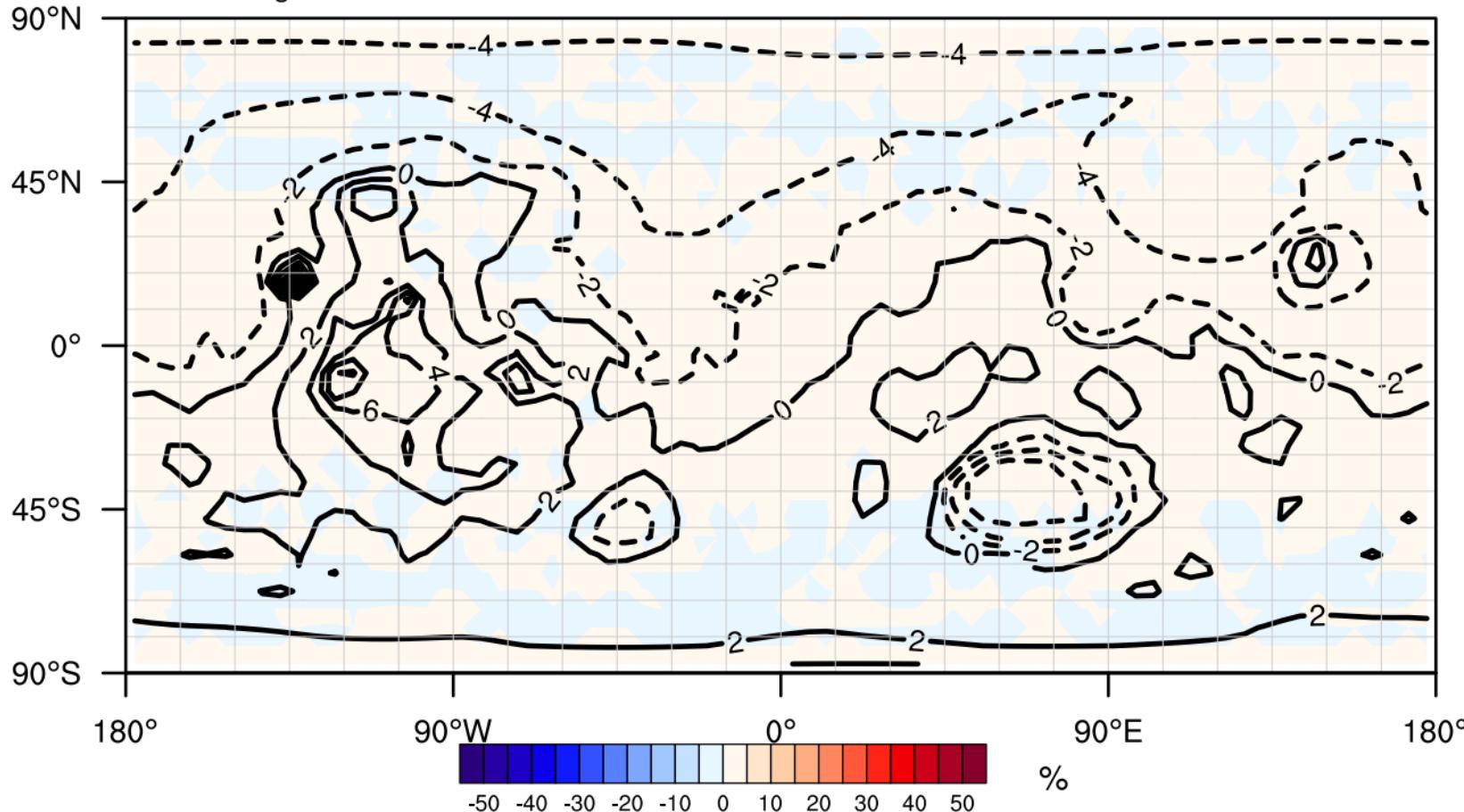
Relative difference of Water vapor mixing ratio(%) at surface  
Terrain Height

Ls:0.3



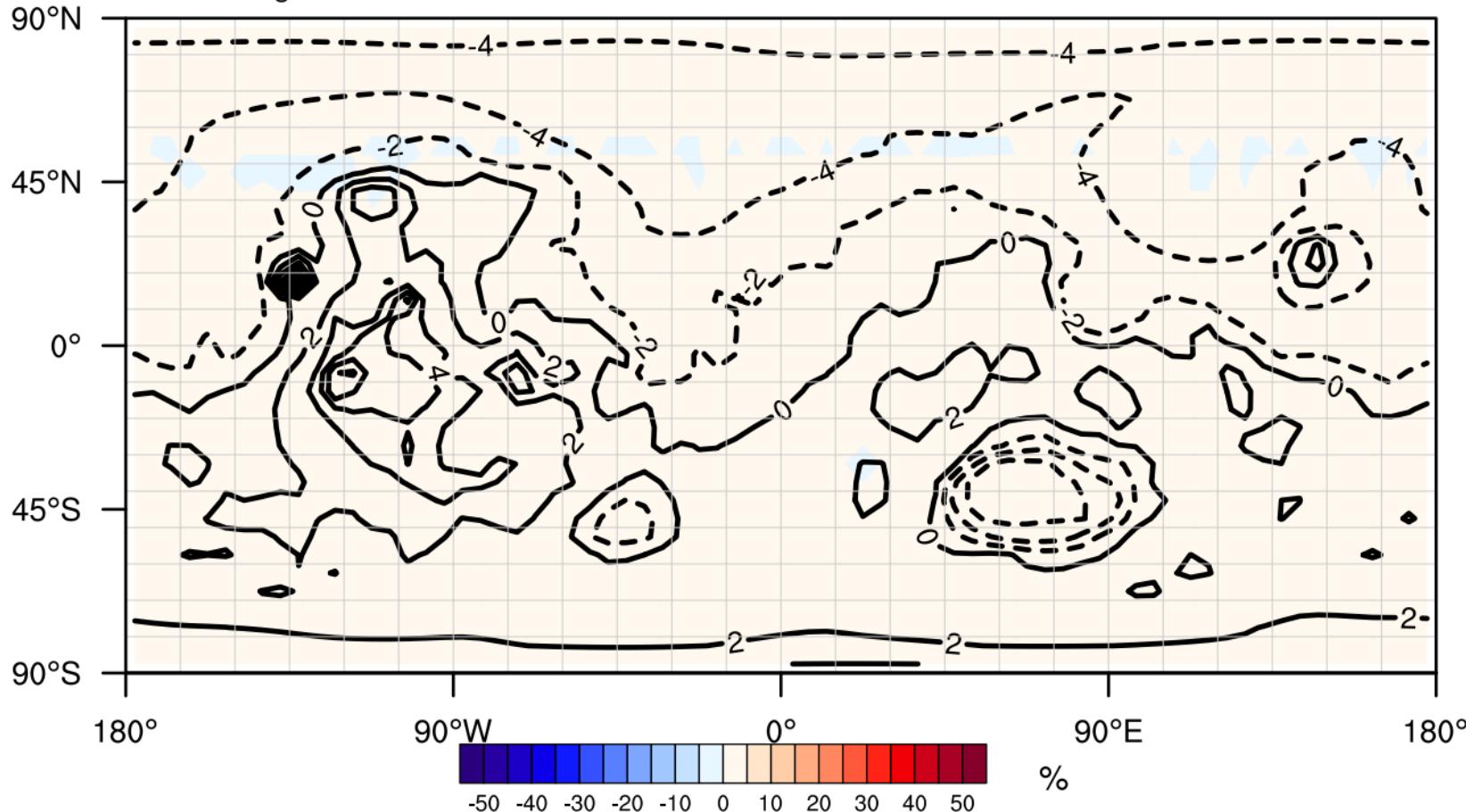
Relative difference of 1st dust bin mixing ratio(%) at surface  
Terrain Height

Ls:0.3



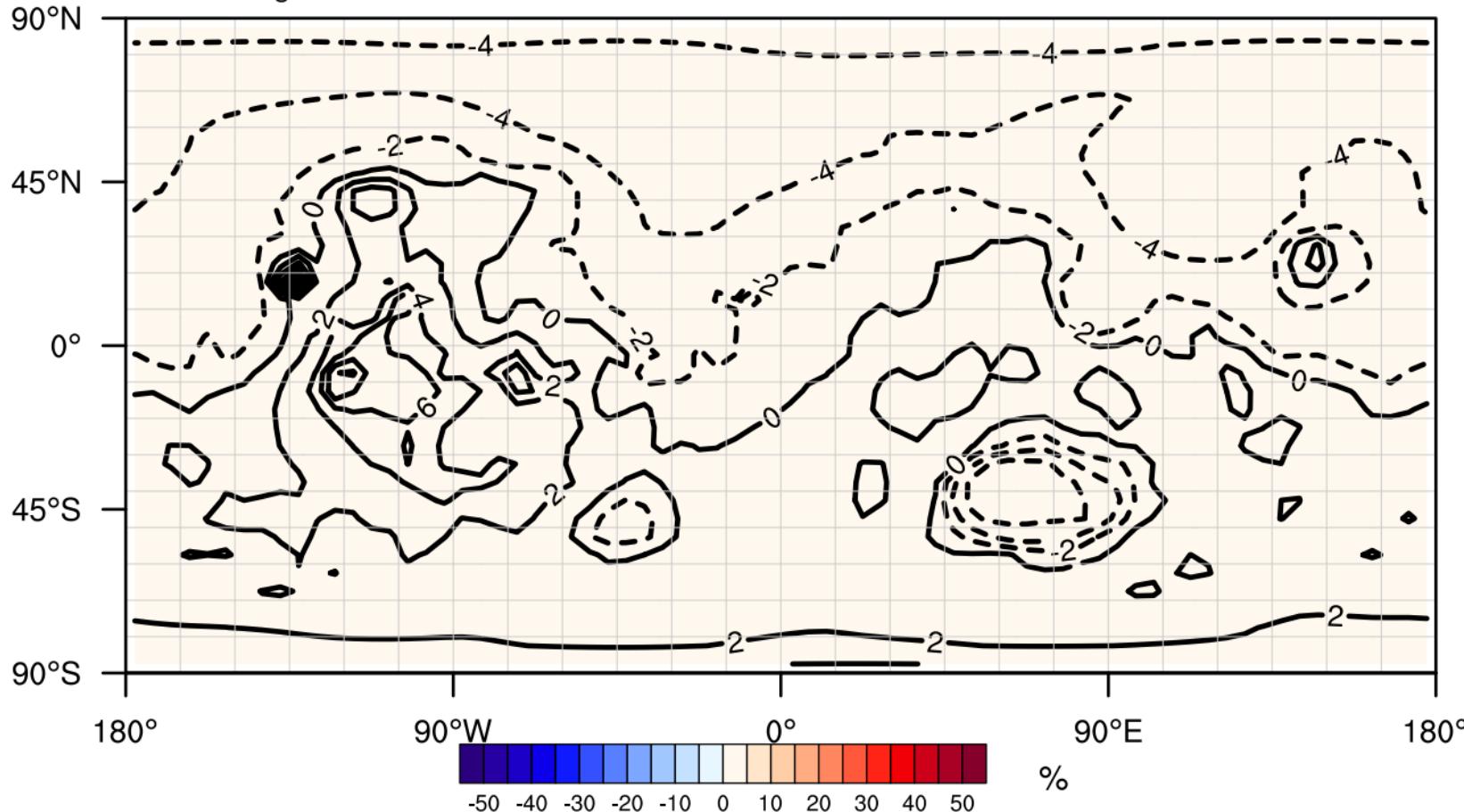
Relative difference of 2nd dust bin mixing ratio(%) at surface  
Terrain Height

Ls:0.3



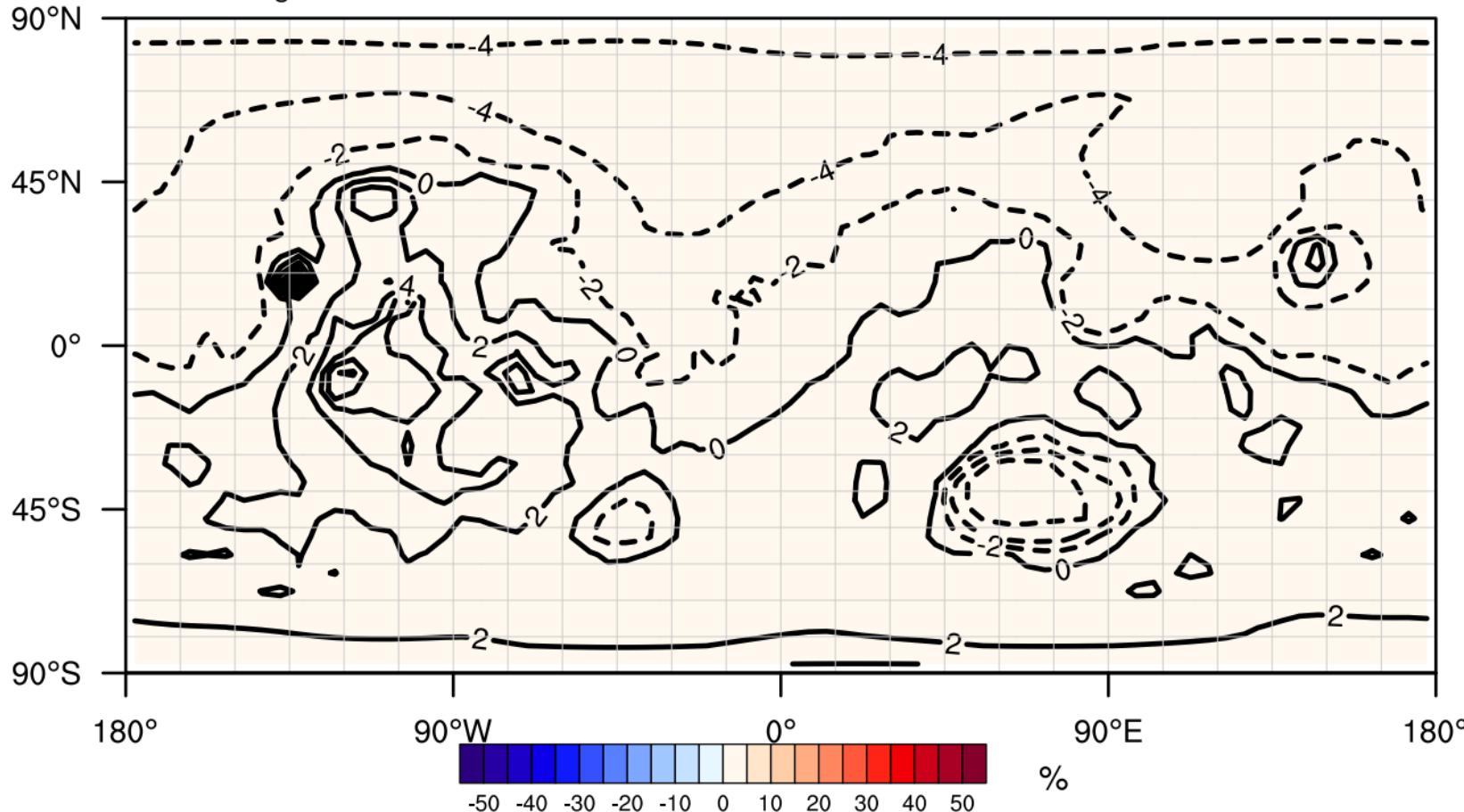
Relative difference of SOIL TEMPERATURE(%) at surface  
Terrain Height

Ls:0.3



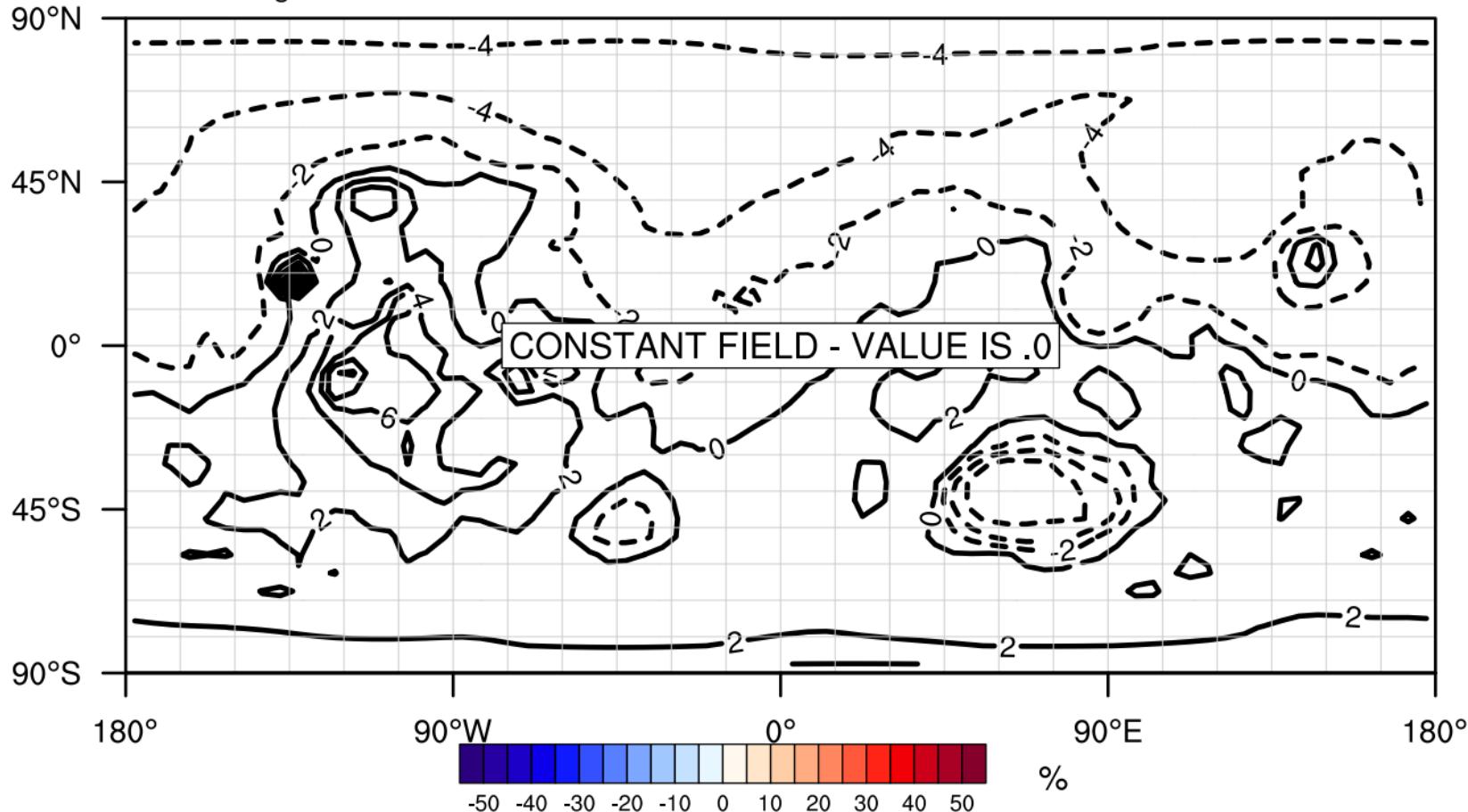
Relative difference of SURFACE SKIN TEMPERATURE(%) at surface  
Terrain Height

Ls:0.3

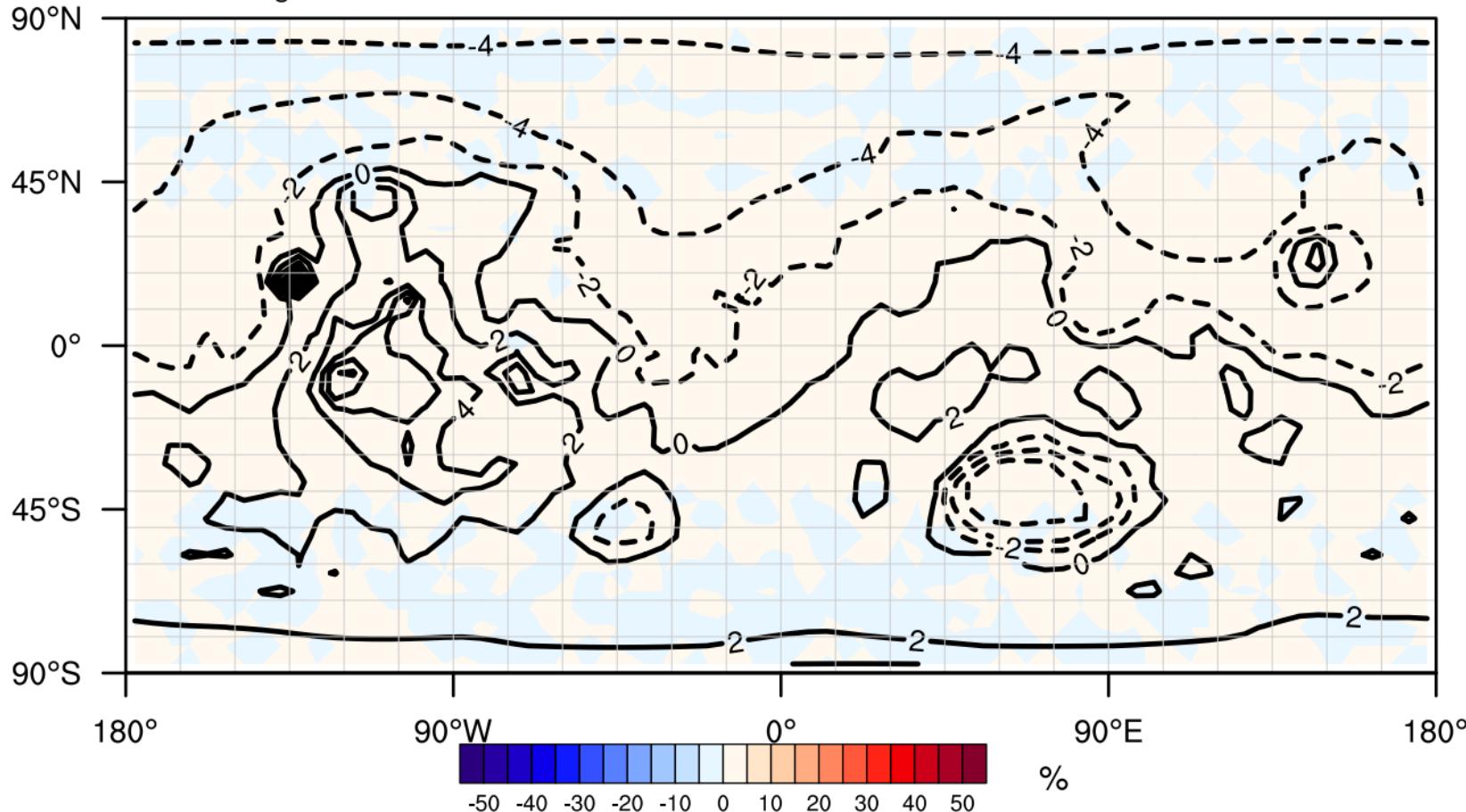


Difference of COUPLED THETA TENDENCY DUE TO RADIATION at top  
Terrain Height

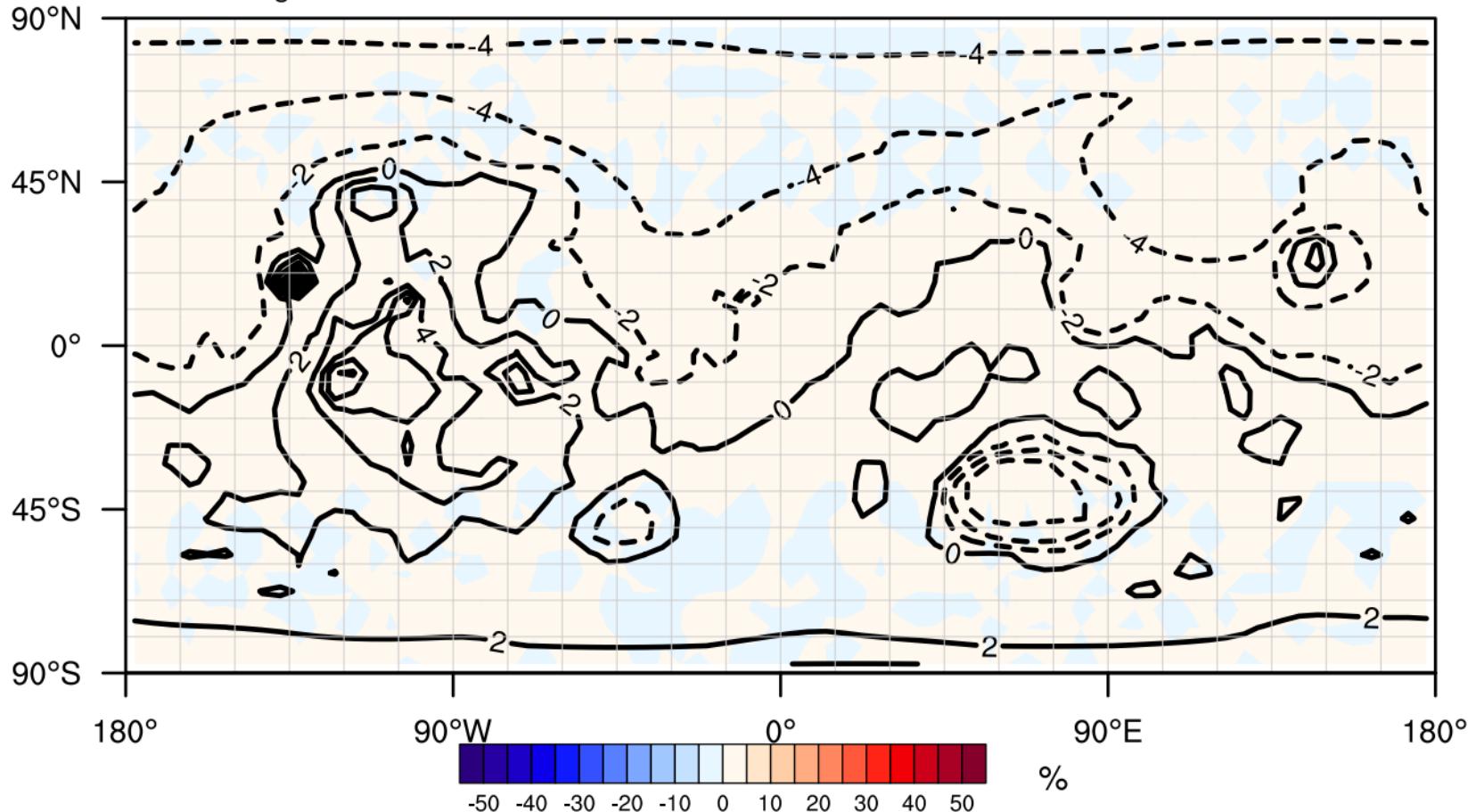
Ls:0.3



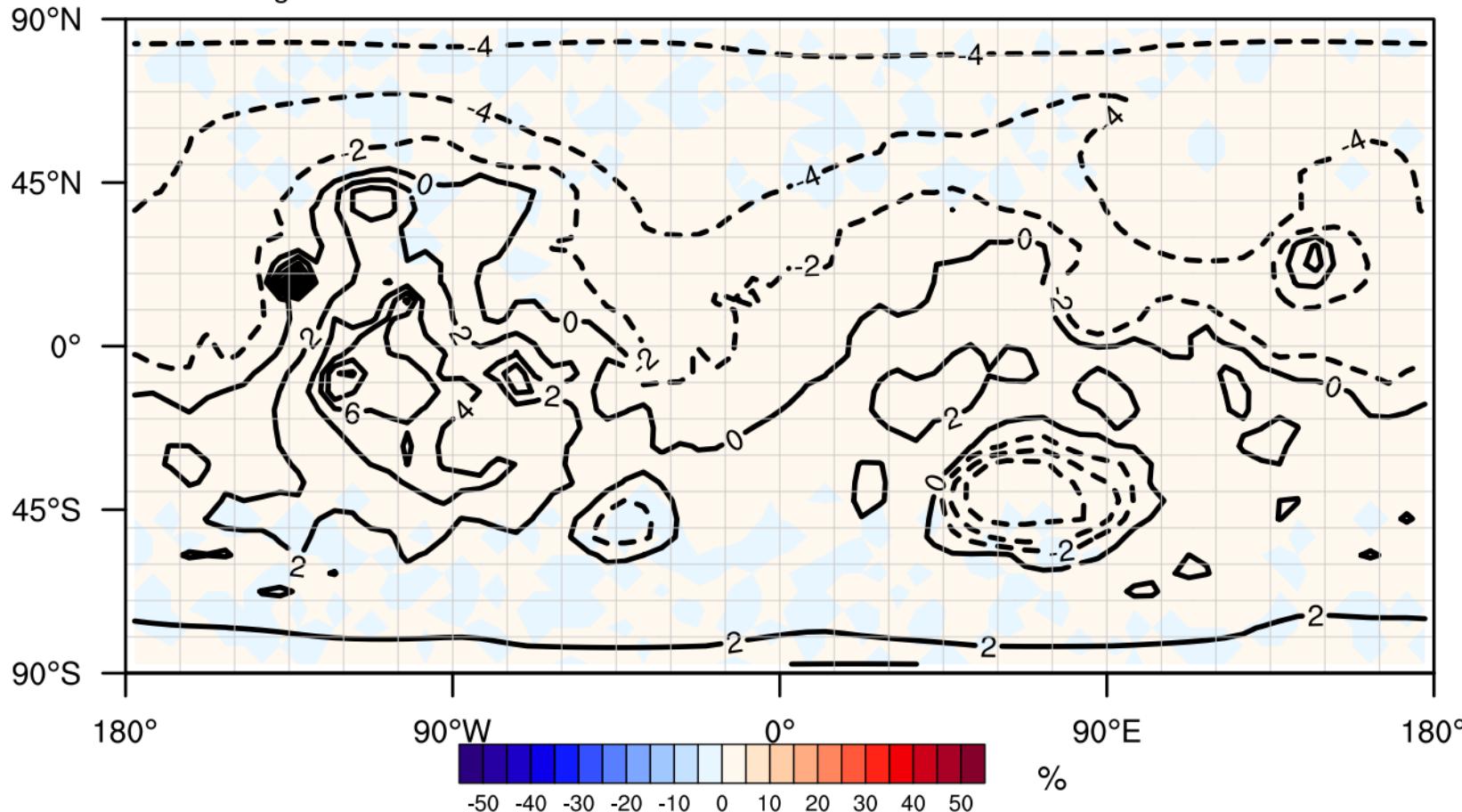
Relative difference of COUPLED X WIND TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface 0.3  
Terrain Height



Relative difference of COUPLED Y WIND TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface 0.3  
Terrain Height

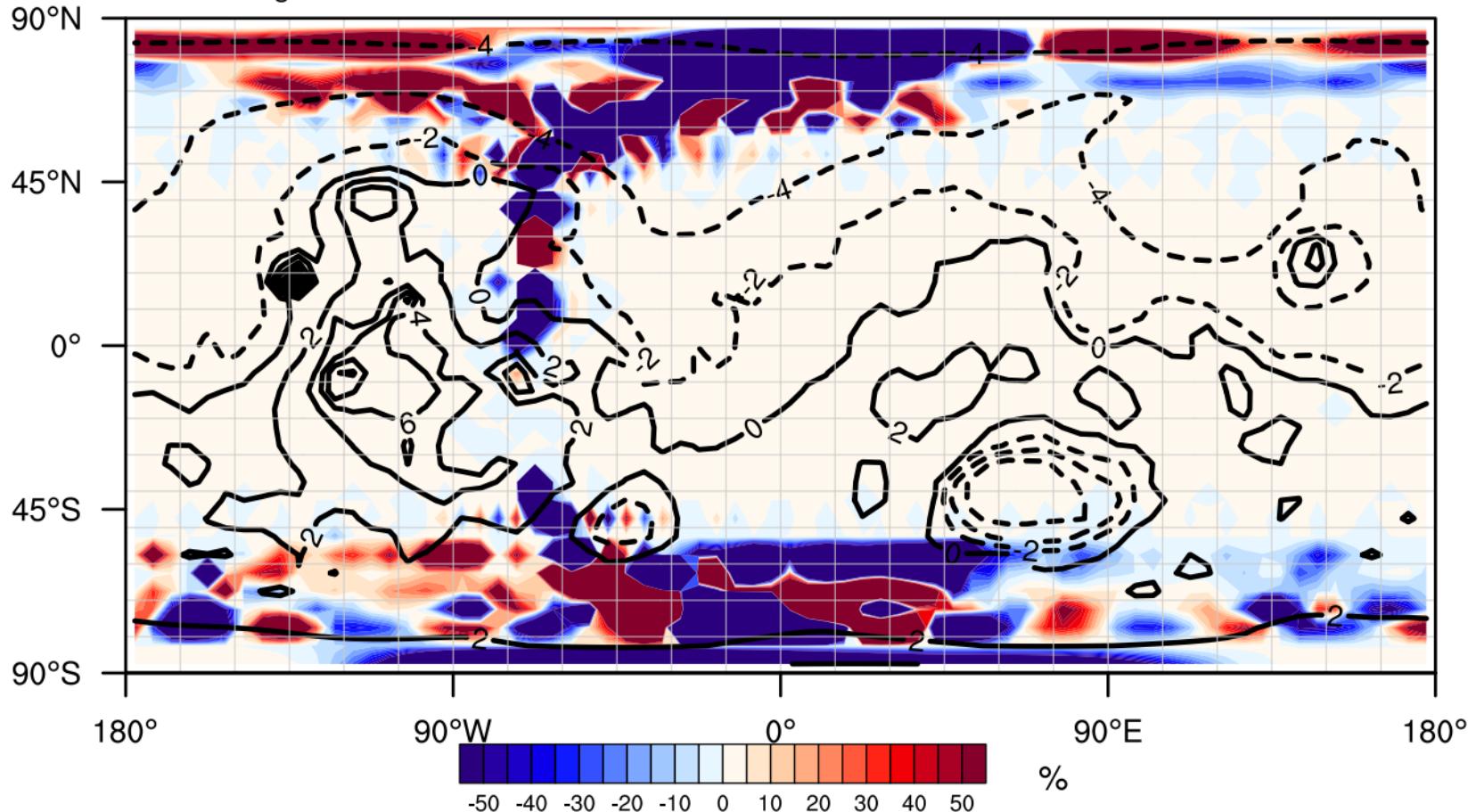


## Relative difference of COUPLED THETA TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface



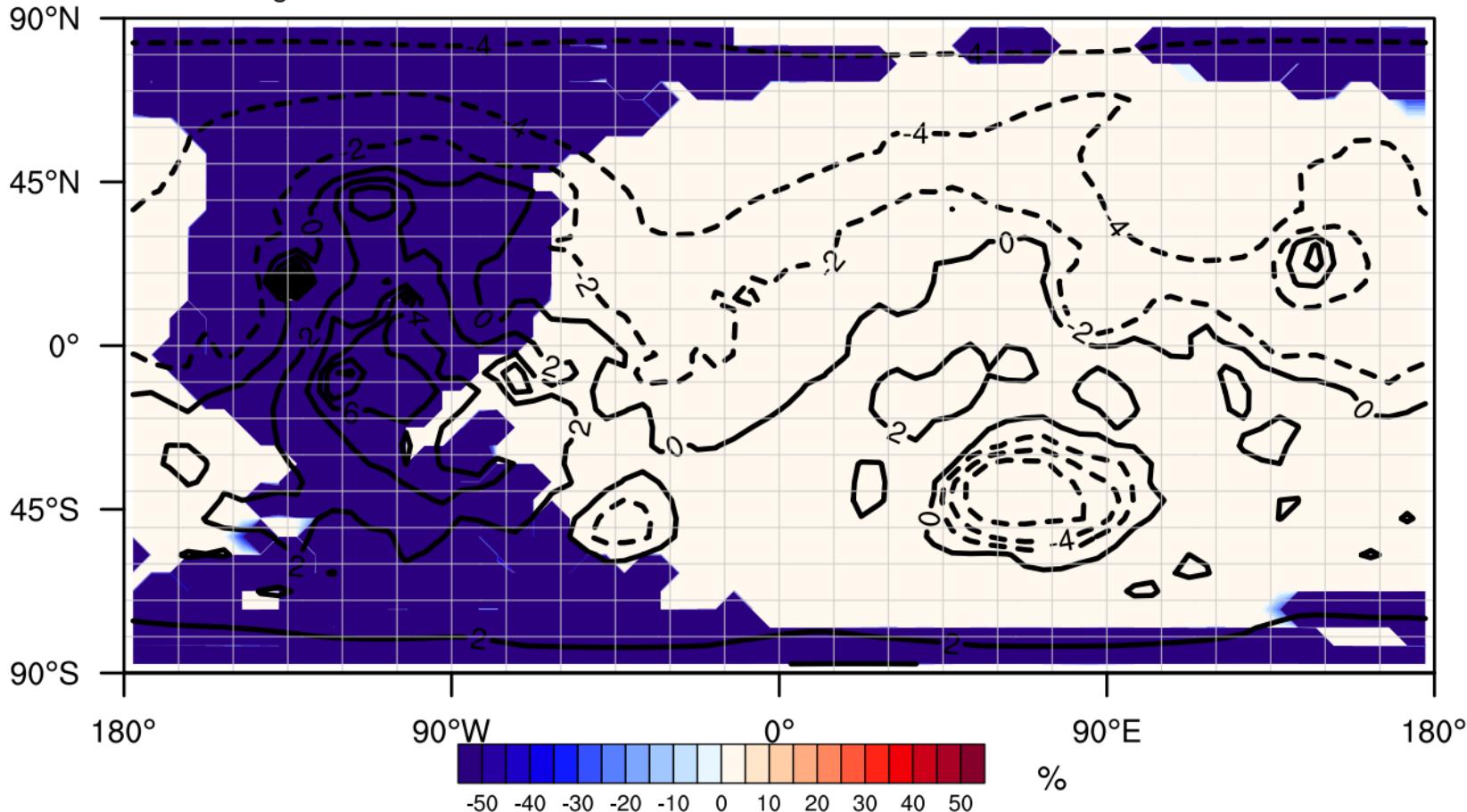
# Relative difference of COUPLED Q\_V TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface\_s:0.3

Terrain Height

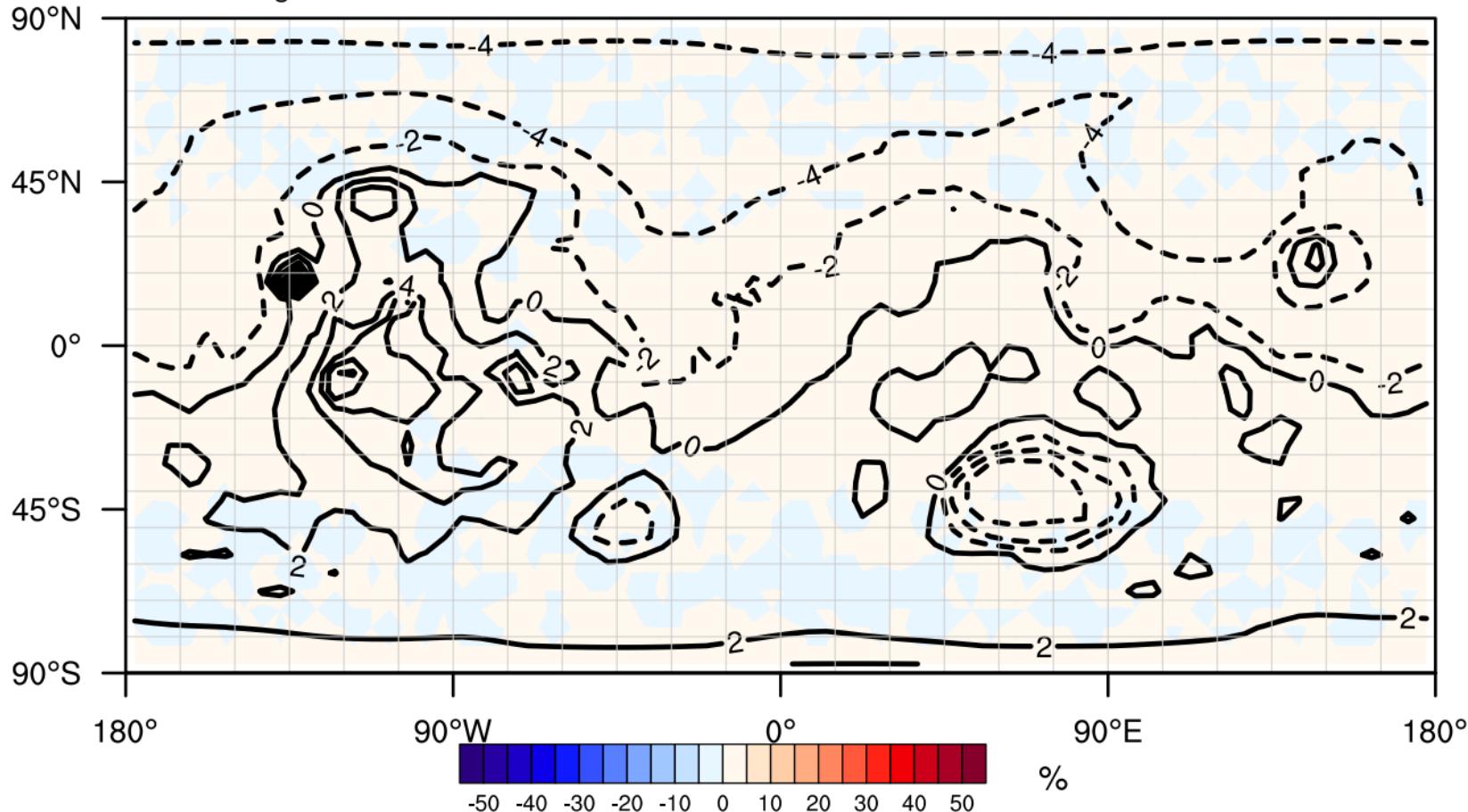


# Relative difference of COUPLED Q\_C TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface $L_s:0.3$

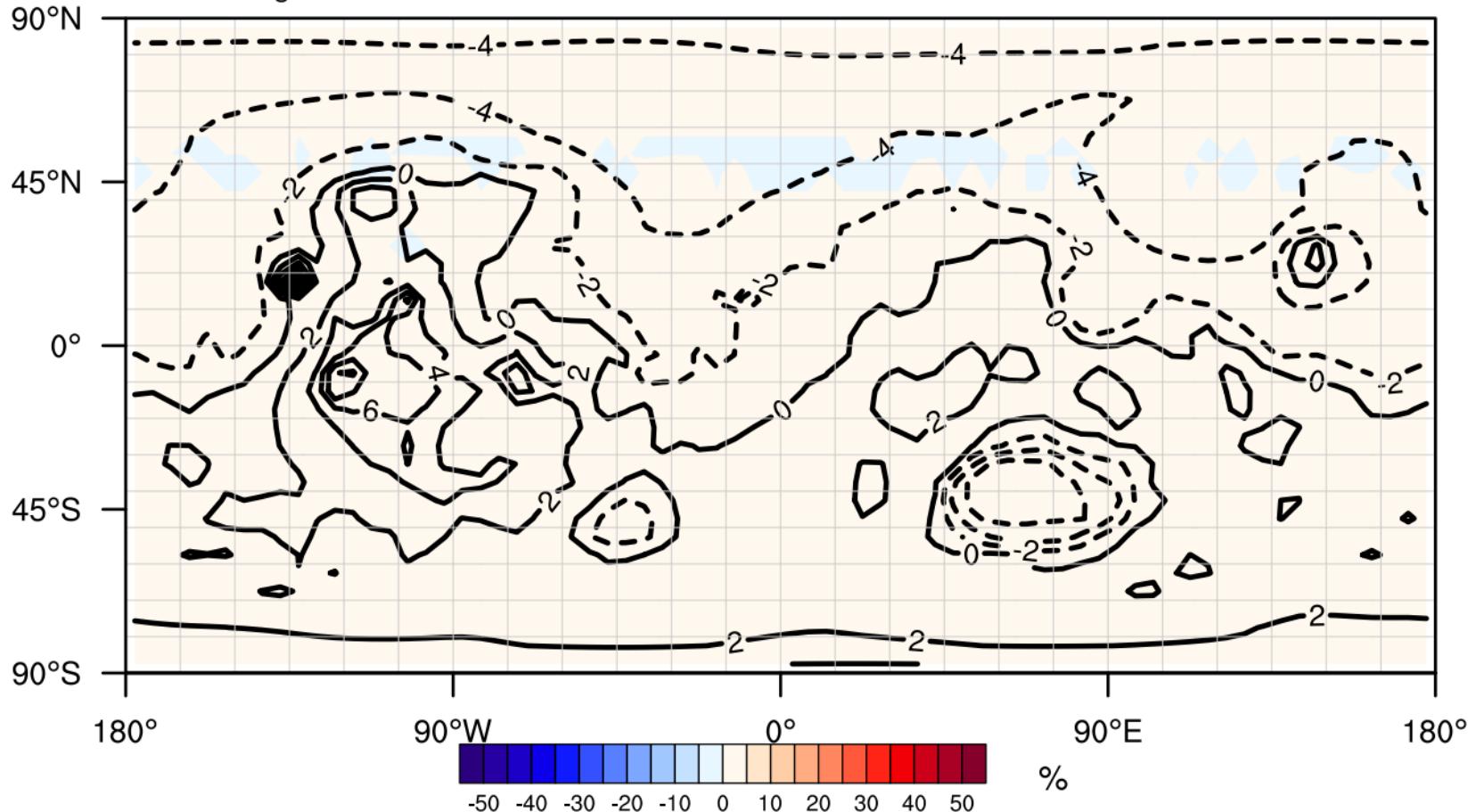
Terrain Height



Relative difference of COUPLED Q\_ST\_01 TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface L870.3  
Terrain Height

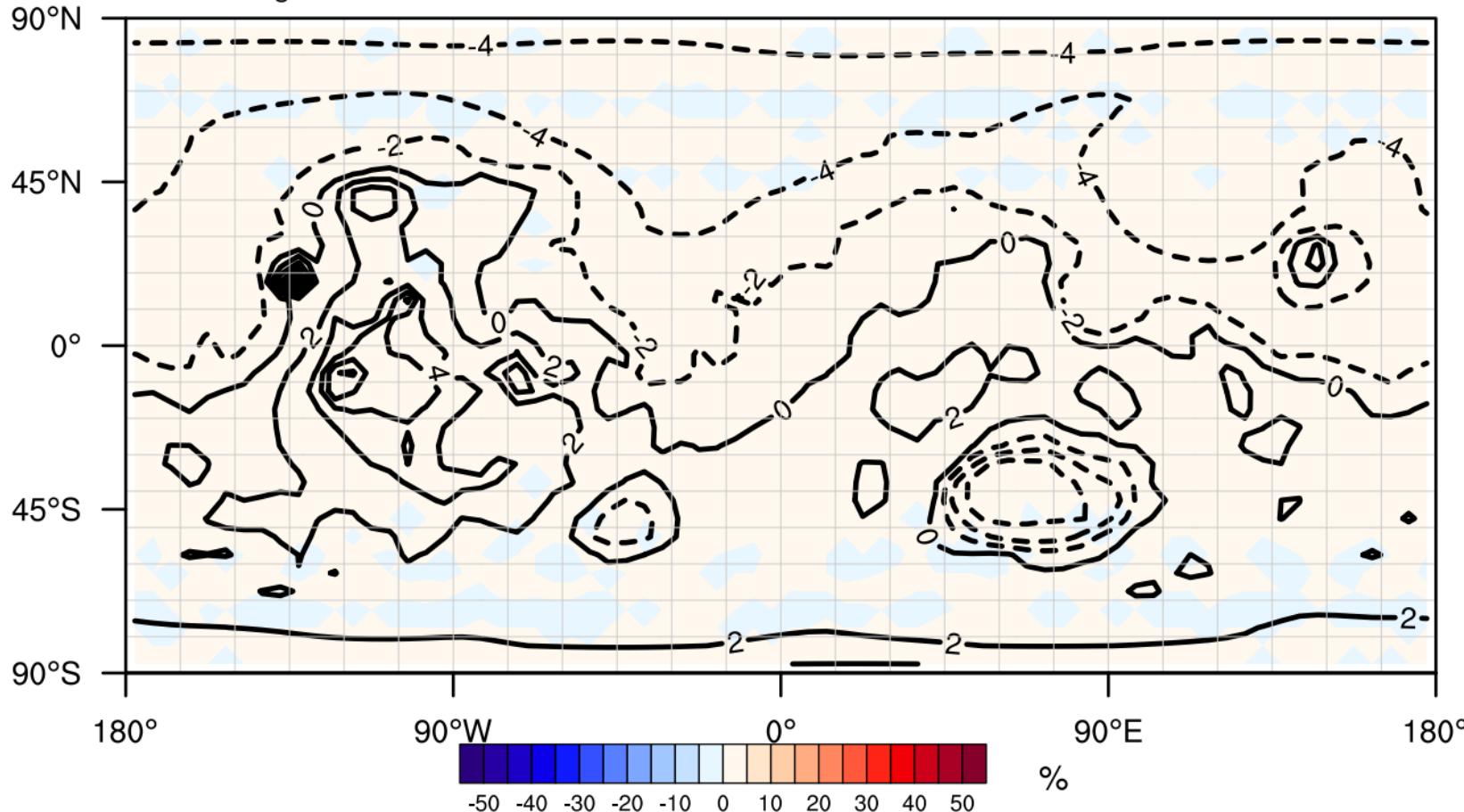


Relative difference of COUPLED Q\_ST\_02 TENDENCY DUE TO PBL PARAMETERIZATION(%) at surface L870.3  
Terrain Height



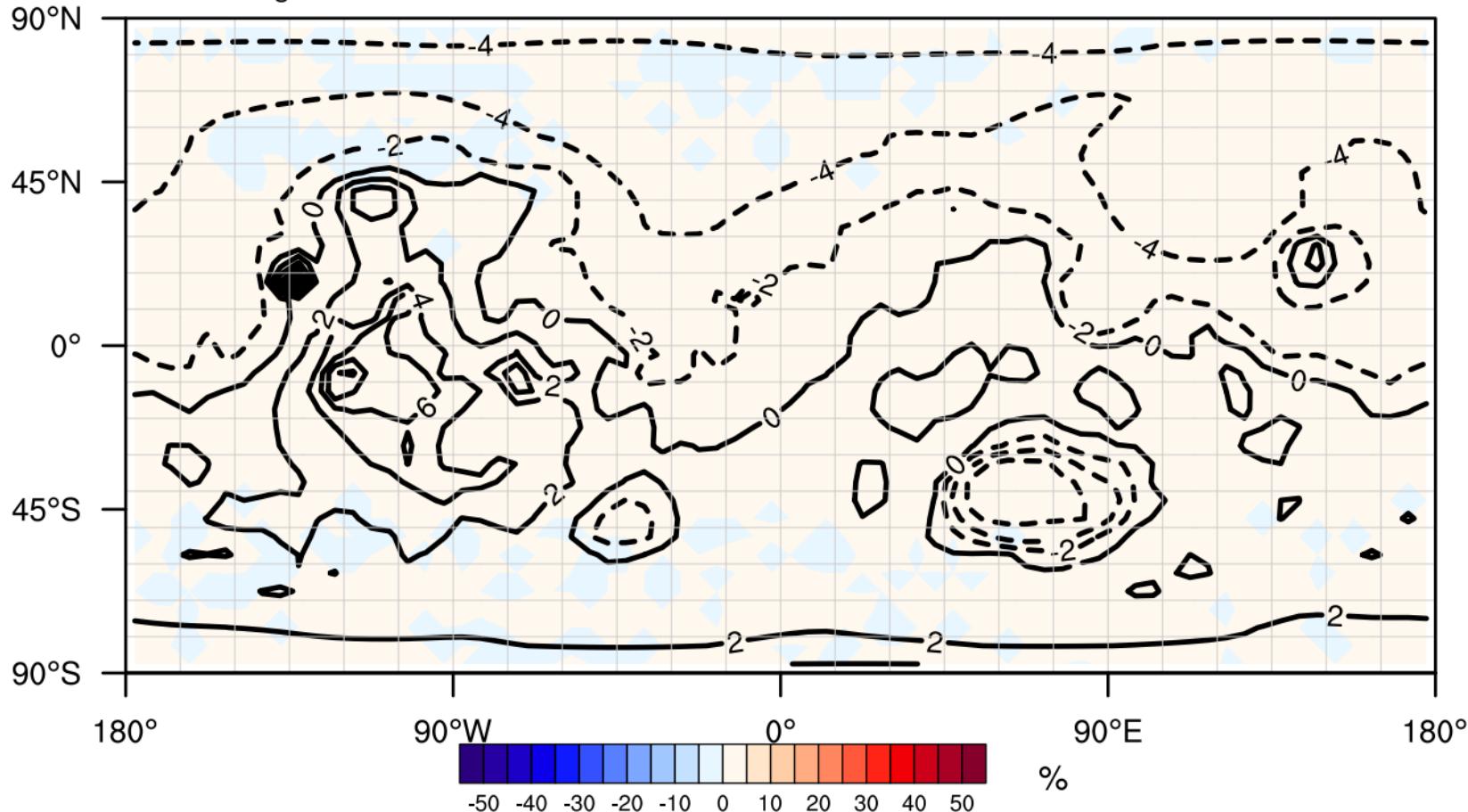
Relative difference of Temperature(%) at surface  
Terrain Height

Ls:0.3



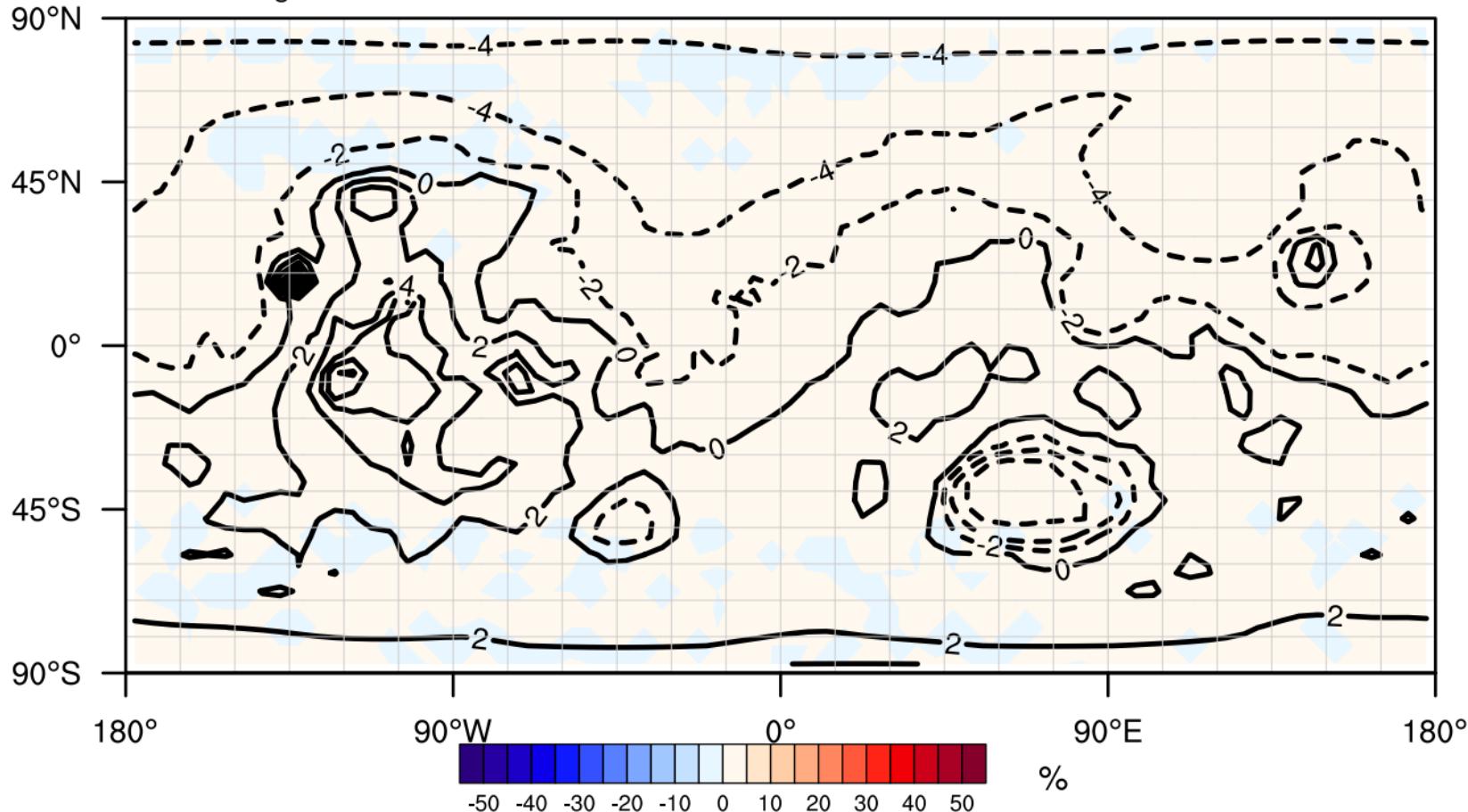
Relative difference of ENTHALPY EXCHANGE COEFF AT 10 m(%) at surface  
Terrain Height

Ls:0.3



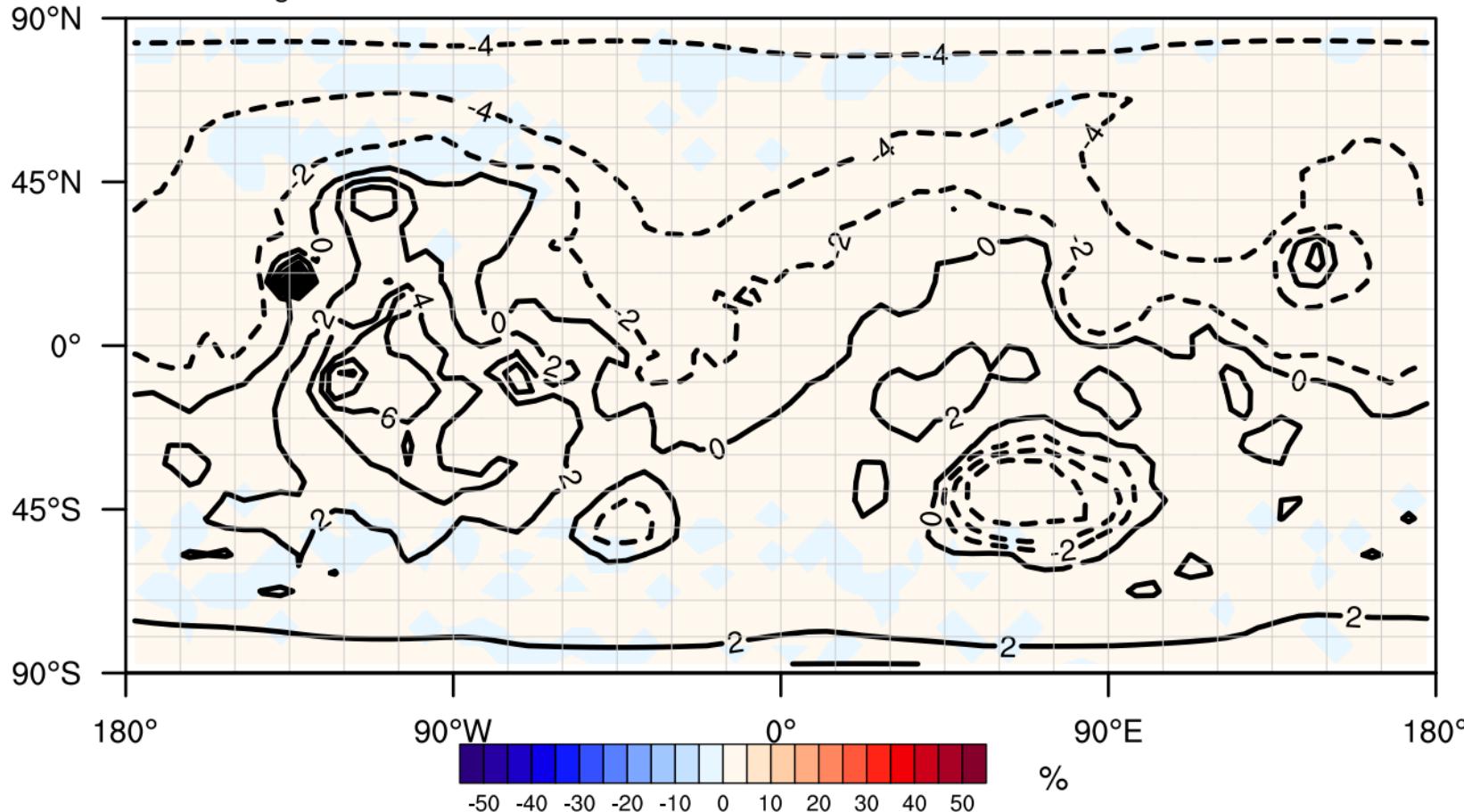
Relative difference of ENTHALPY EXCHANGE COEFF AT LOWEST MODEL LVL(%) at surface  
Terrain Height

Ls:0.3



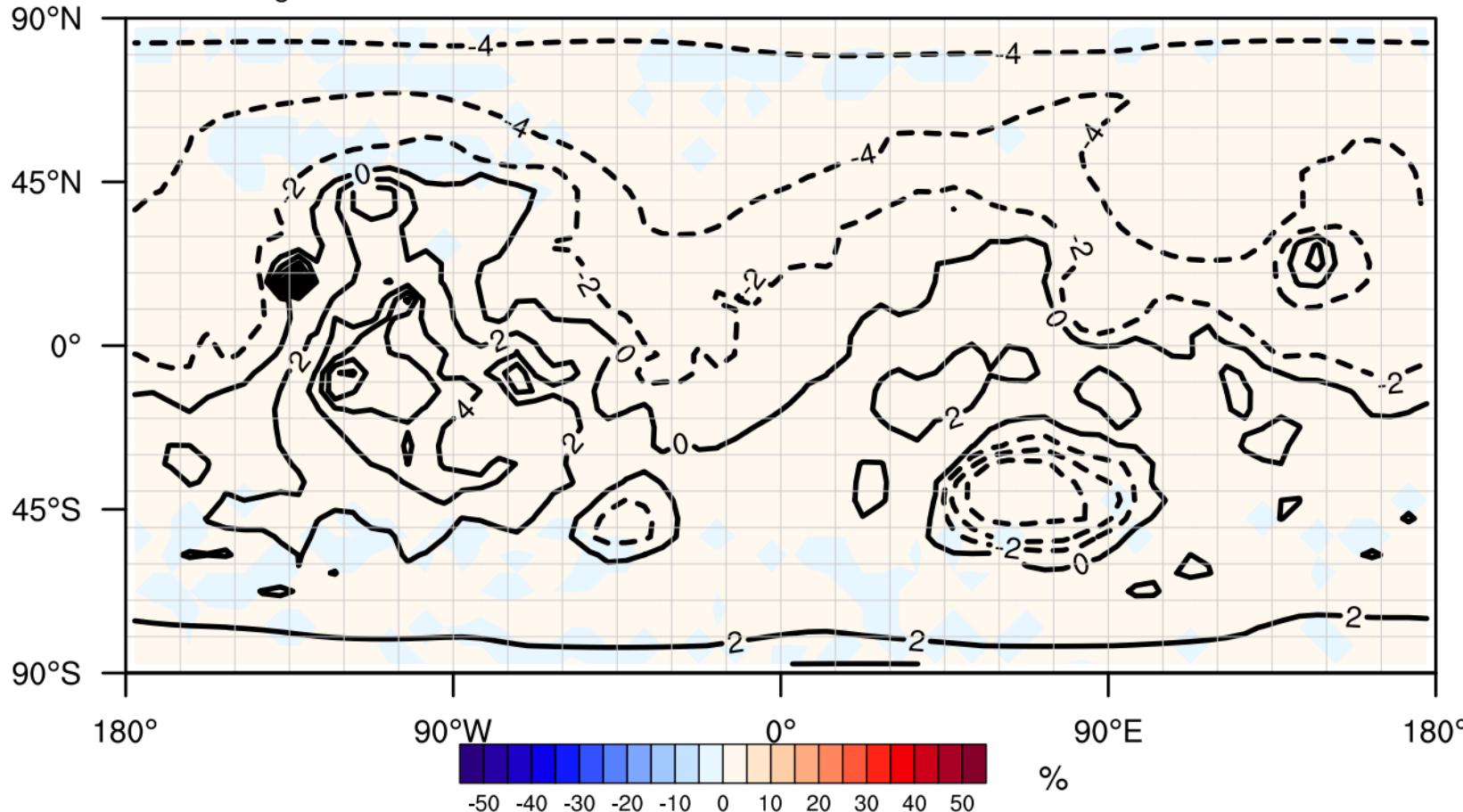
Relative difference of DRAG COEFF AT 10m(%) at surface  
Terrain Height

Ls:0.3



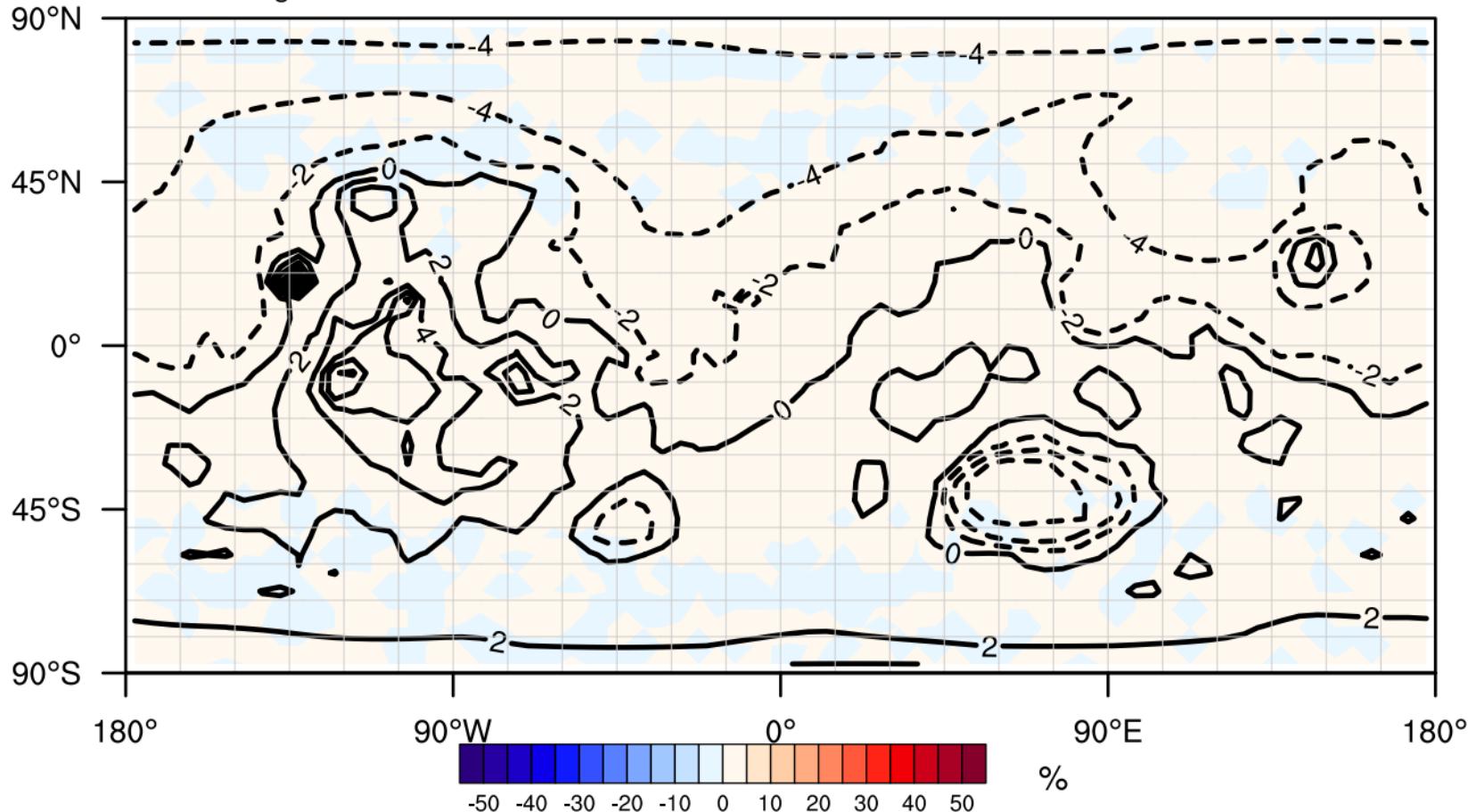
Relative difference of DRAG COEFF AT LOWEST MODEL LVL(%) at surface  
Terrain Height

Ls:0.3



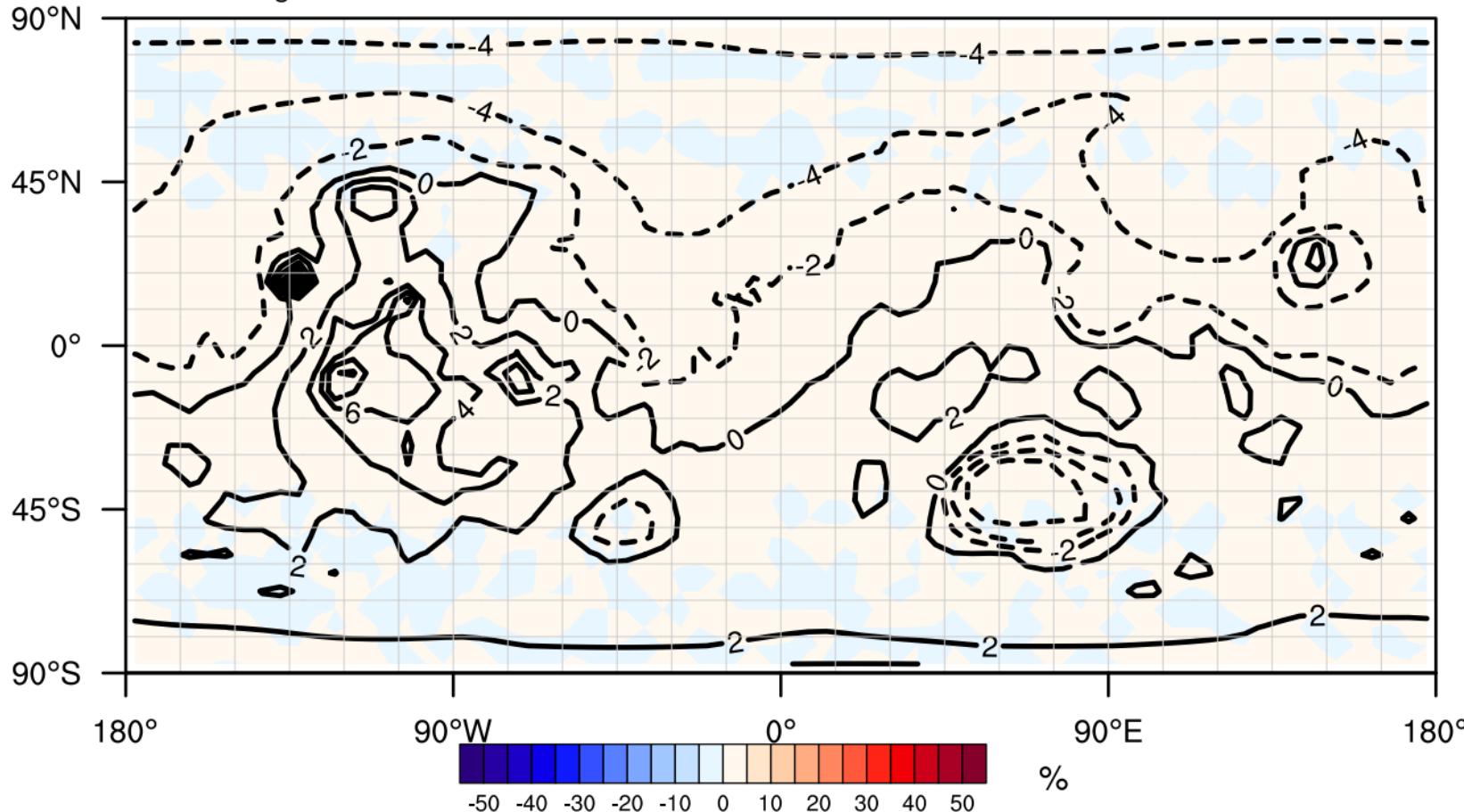
Relative difference of  $U^*$  IN SIMILARITY THEORY(%) at surface  
Terrain Height

$L_s:0.3$



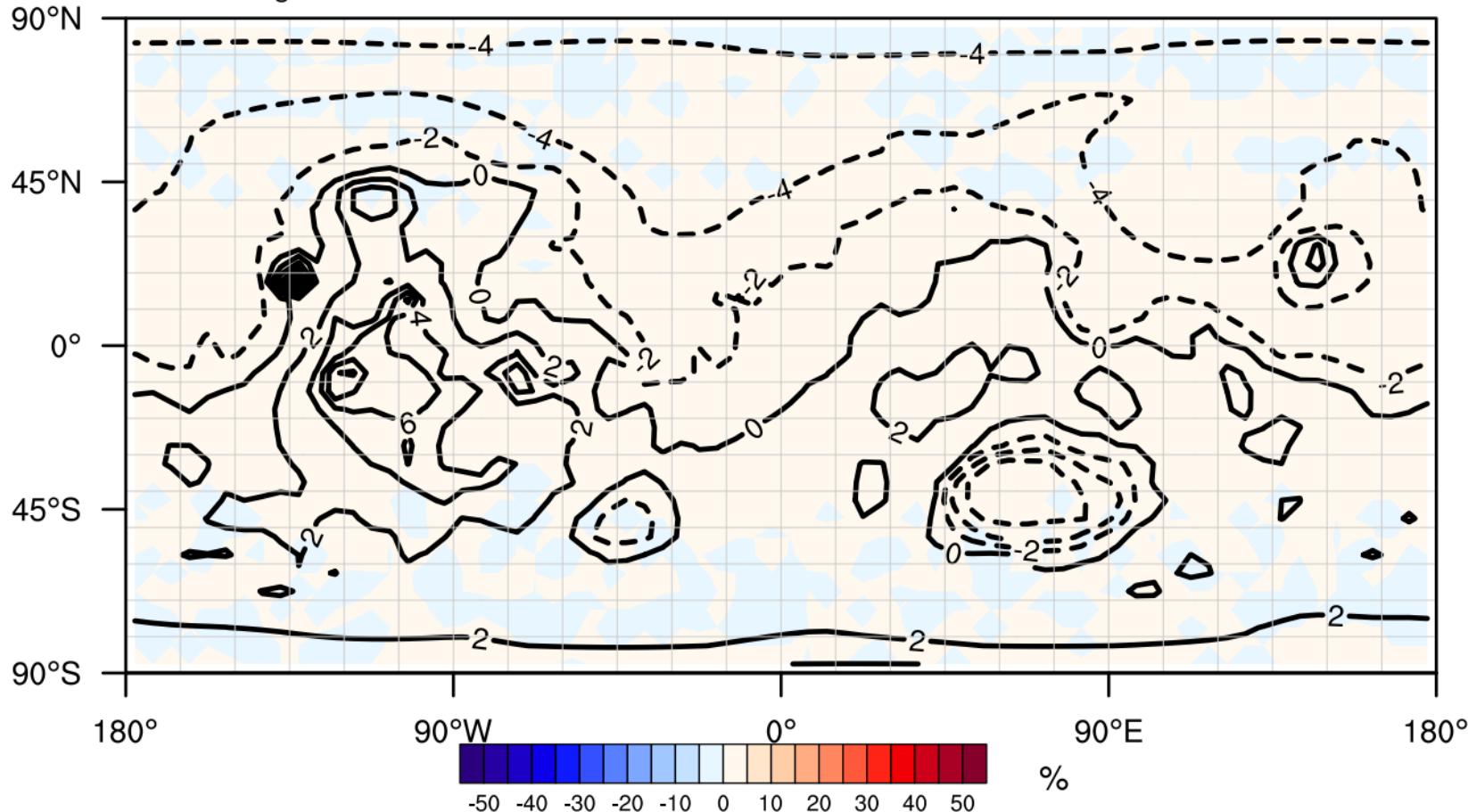
Relative difference of  $U^*$  IN SIMILARITY THEORY WITHOUT VCONV(%) at surface  
Terrain Height

$L_s:0.3$



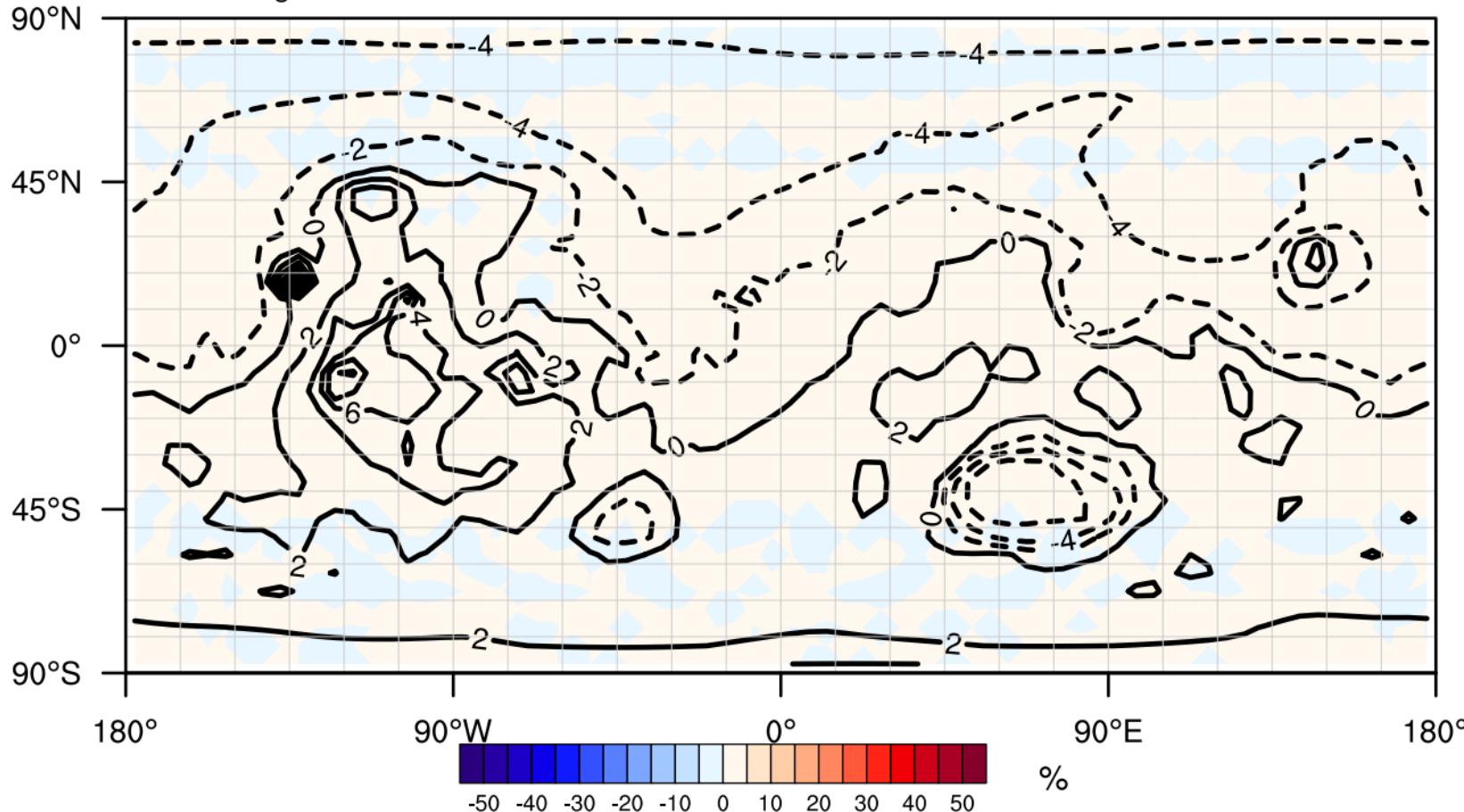
Relative difference of 1./Monin Ob. Length(%) at surface  
Terrain Height

Ls:0.3



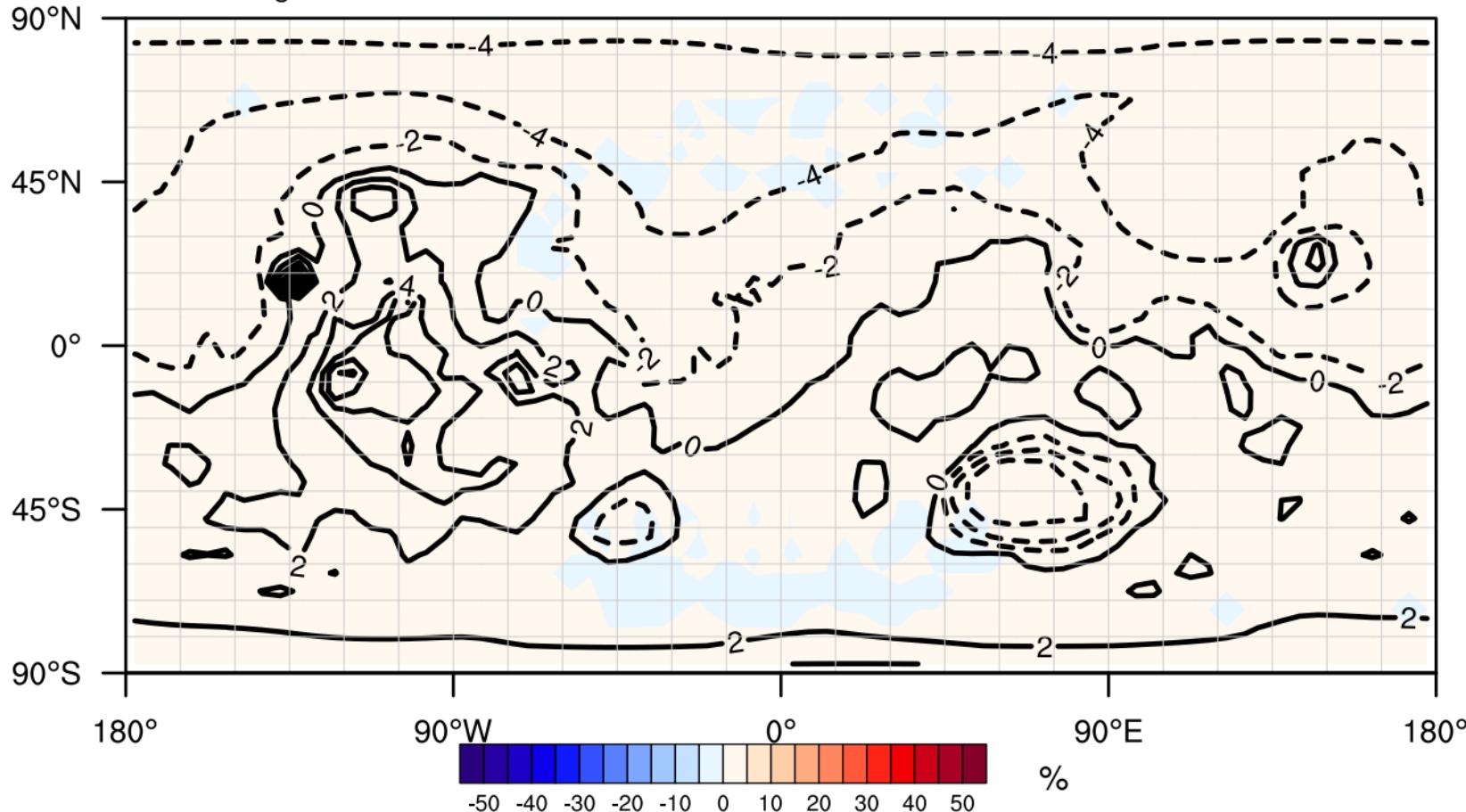
Relative difference of  $T^*$  IN SIMILARITY THEORY(%) at surface  
Terrain Height

$L_s:0.3$



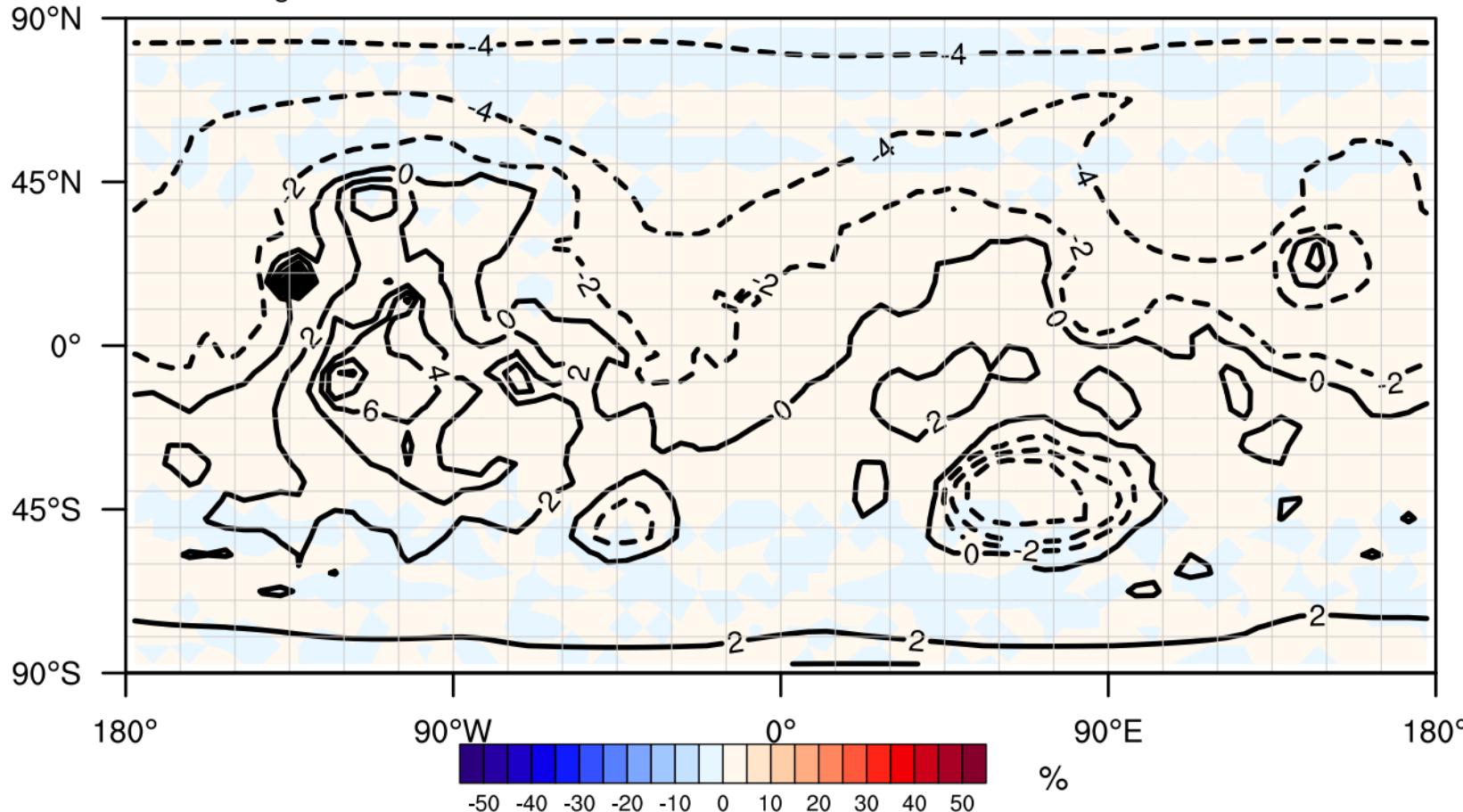
Relative difference of PBL HEIGHT(%) at surface  
Terrain Height

Ls:0.3



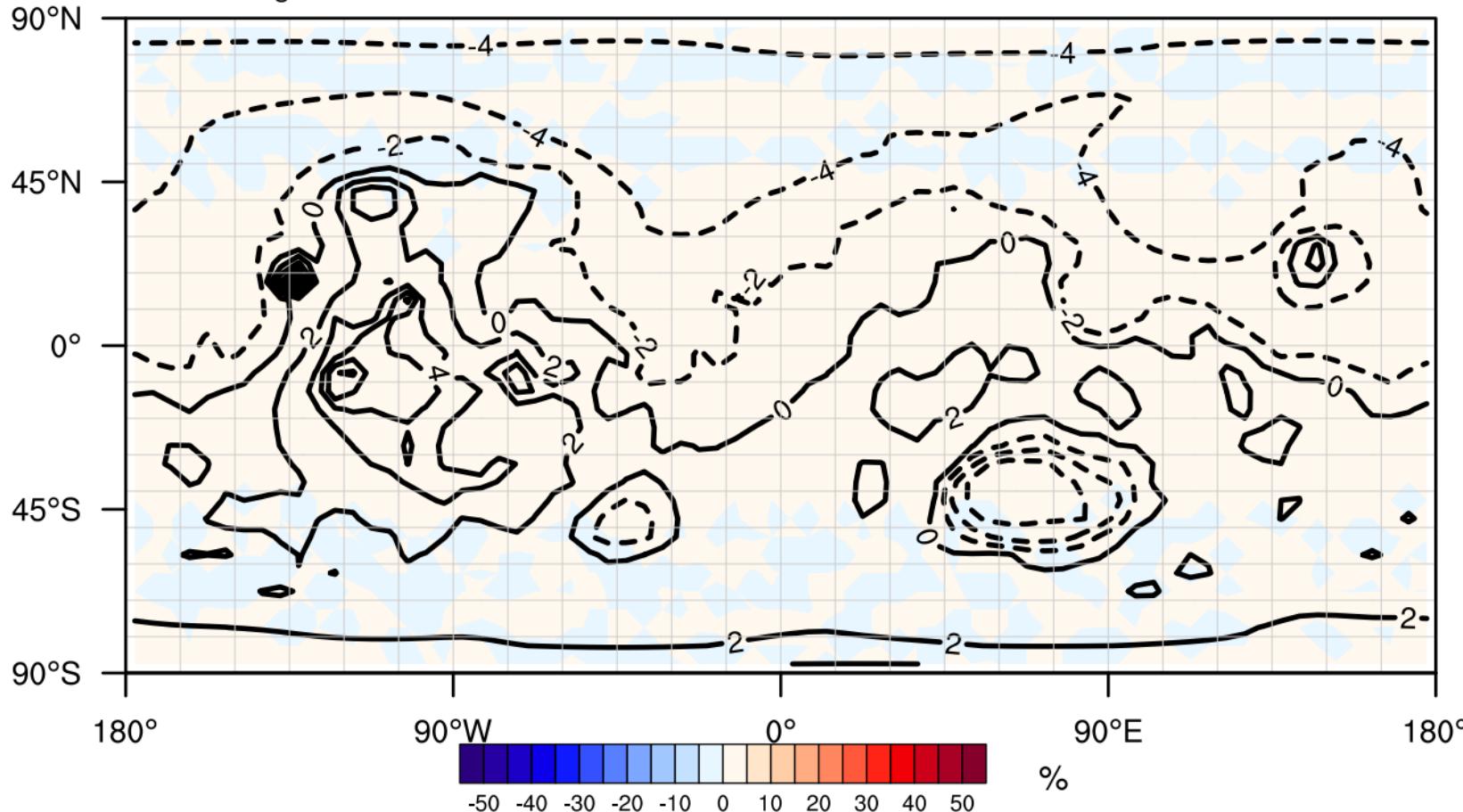
Relative difference of UPWARD HEAT FLUX AT THE SURFACE(%) at surface  
Terrain Height

Ls:0.3



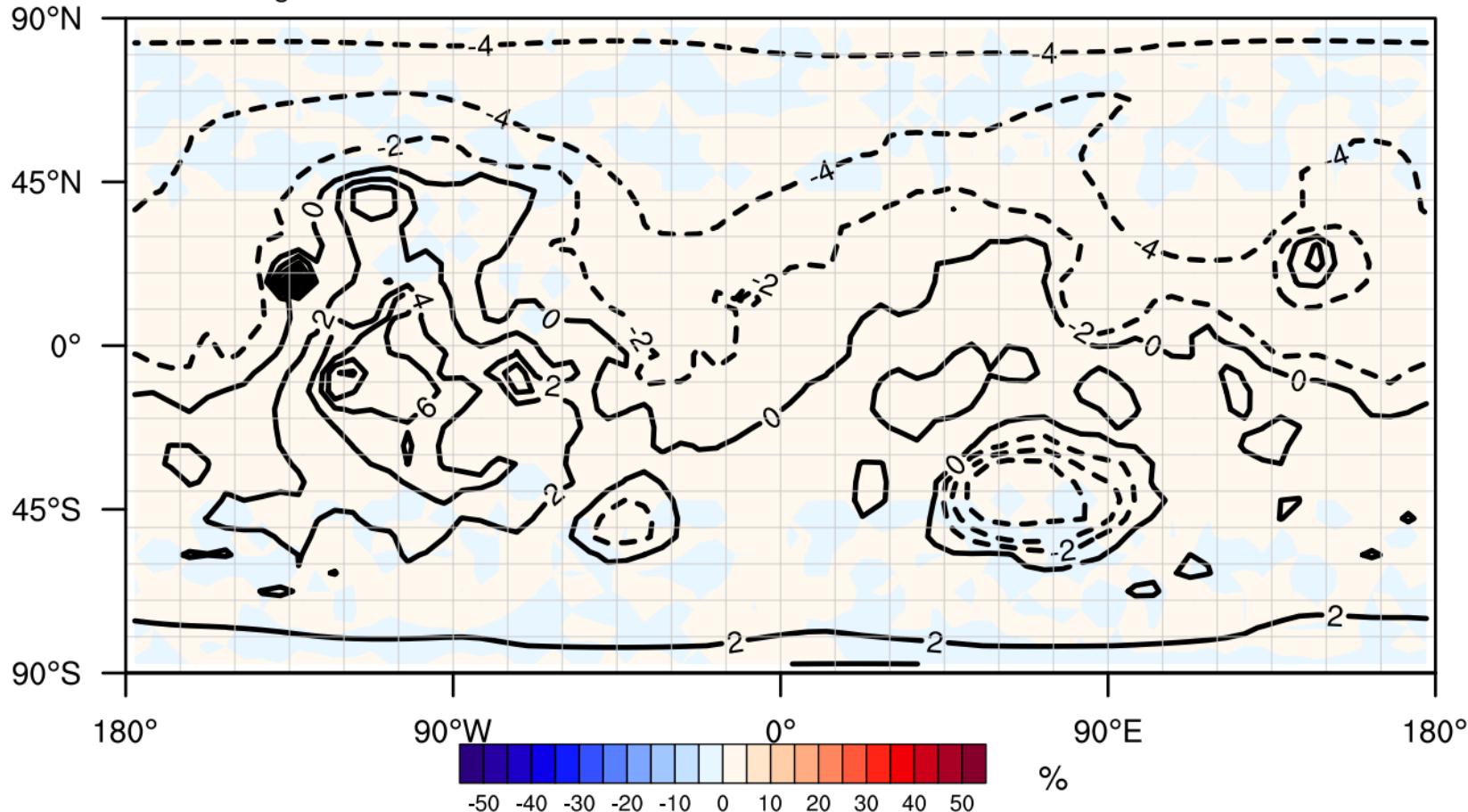
Relative difference of SURFACE EXCHANGE COEFFICIENT FOR HEAT(%) at surface  
Terrain Height

Ls:0.3



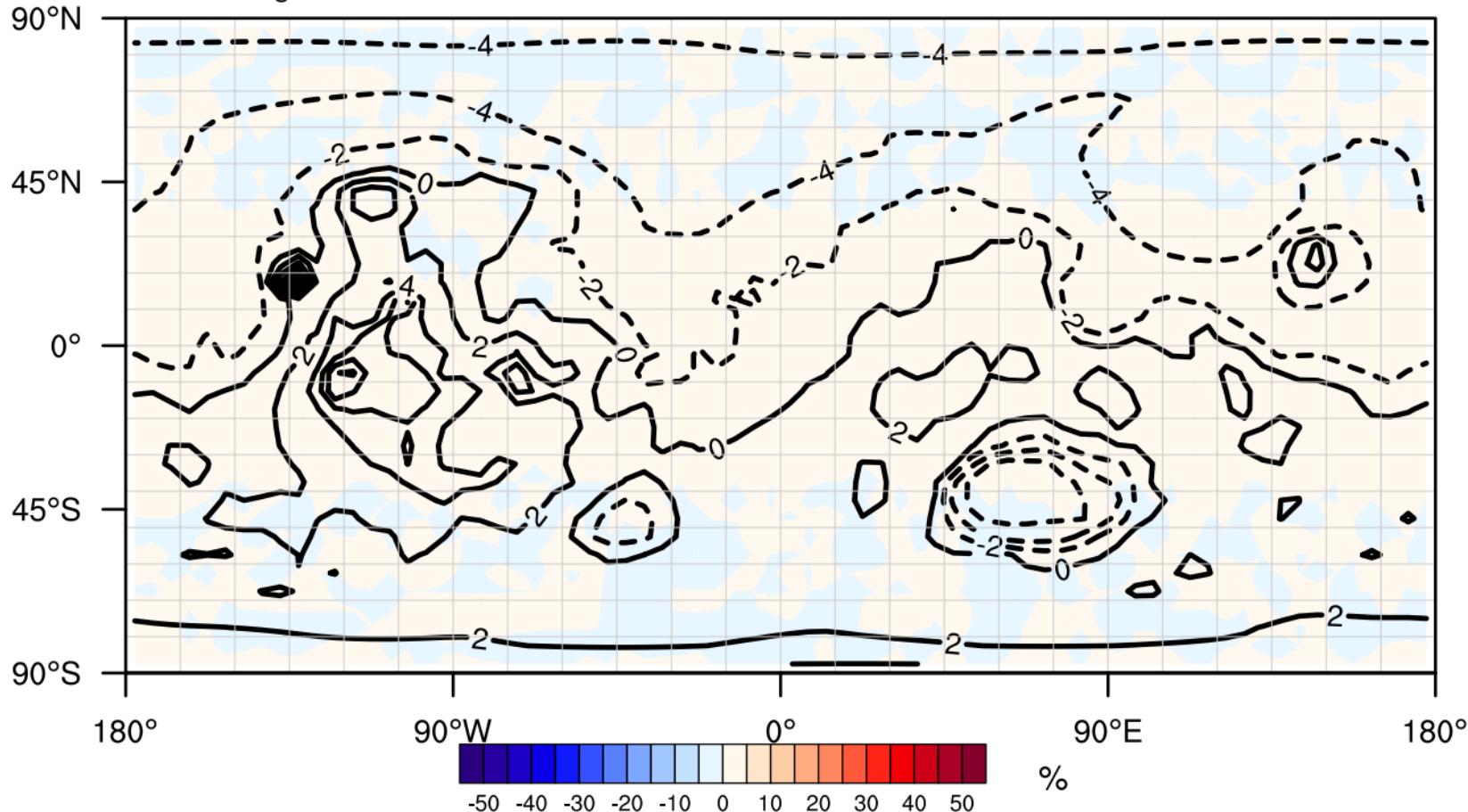
Relative difference of DEFORMATION 11(%) at surface  
Terrain Height

Ls:0.3



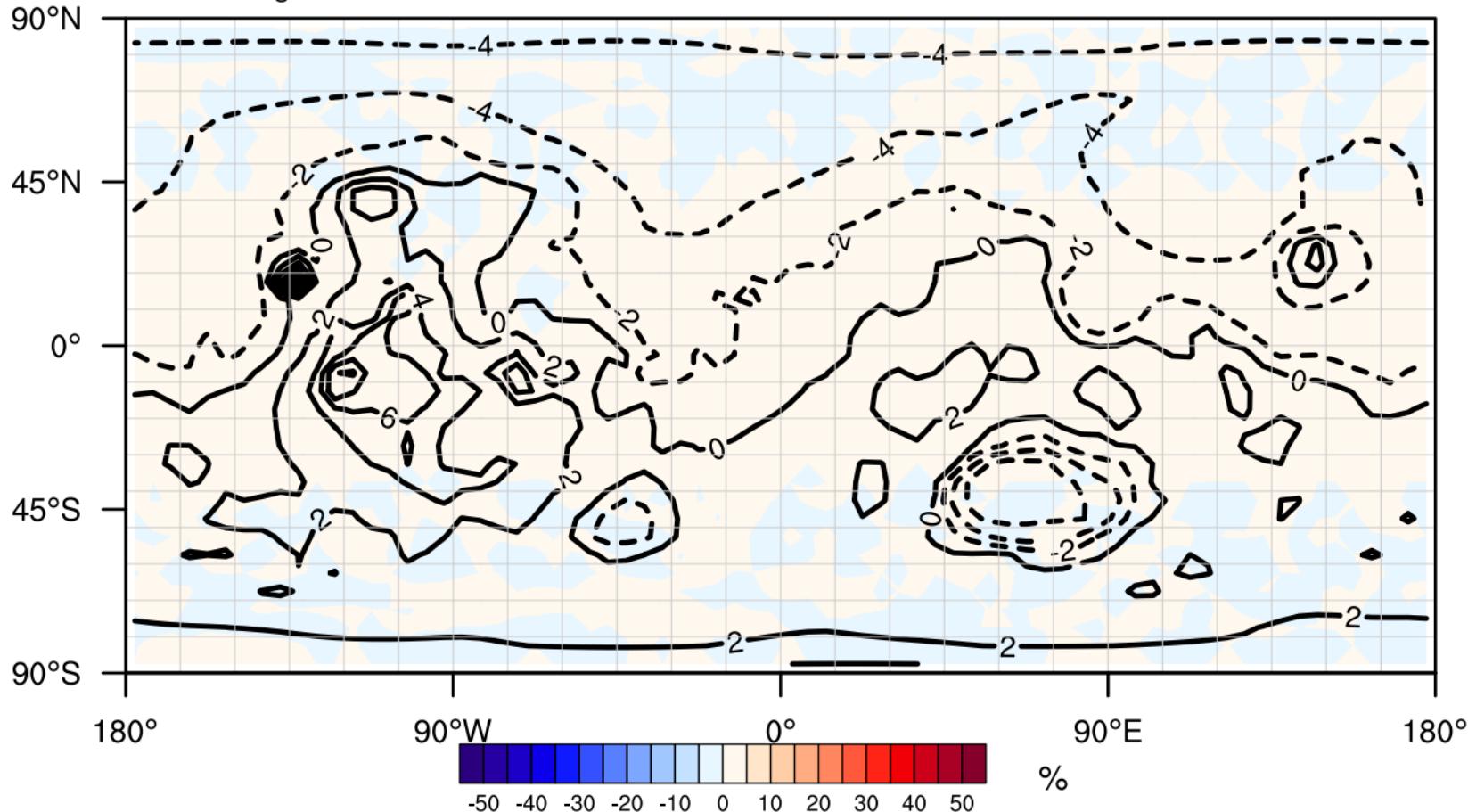
Relative difference of DEFORMATION 22(%) at surface  
Terrain Height

Ls:0.3



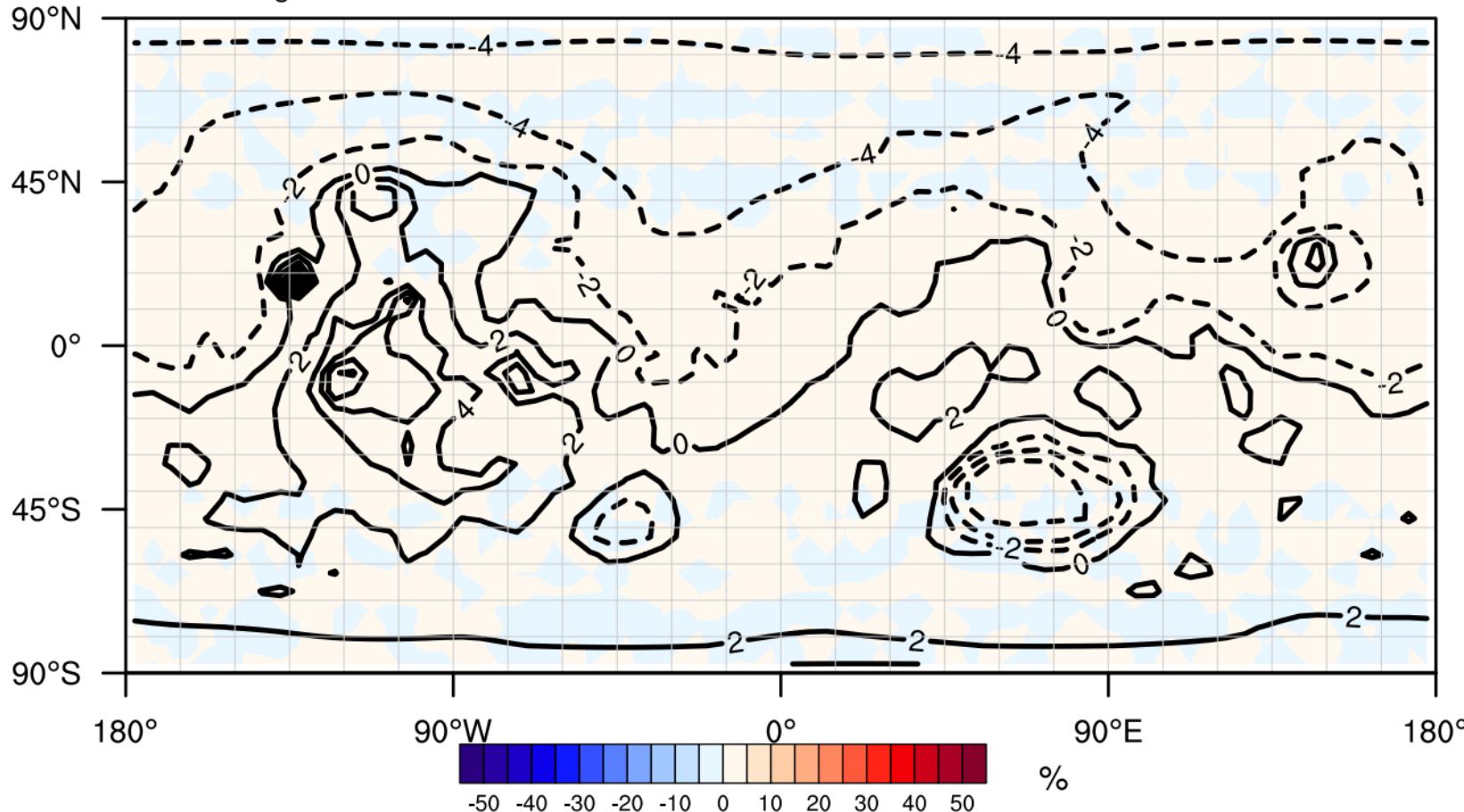
Relative difference of DEFORMATION 12(%) at surface  
Terrain Height

Ls:0.3



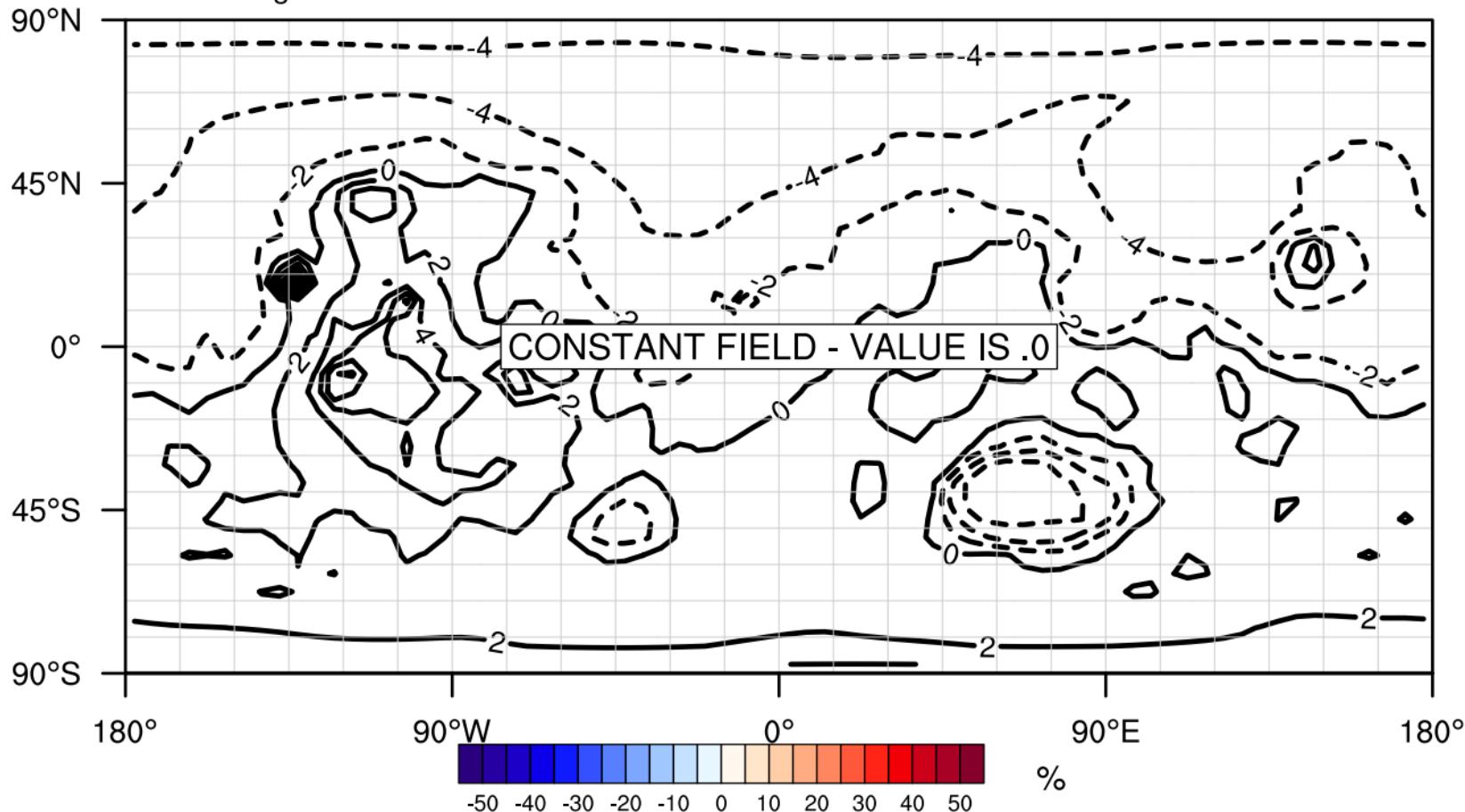
Relative difference of DEFORMATION 33(%) at surface  
Terrain Height

Ls:0.3



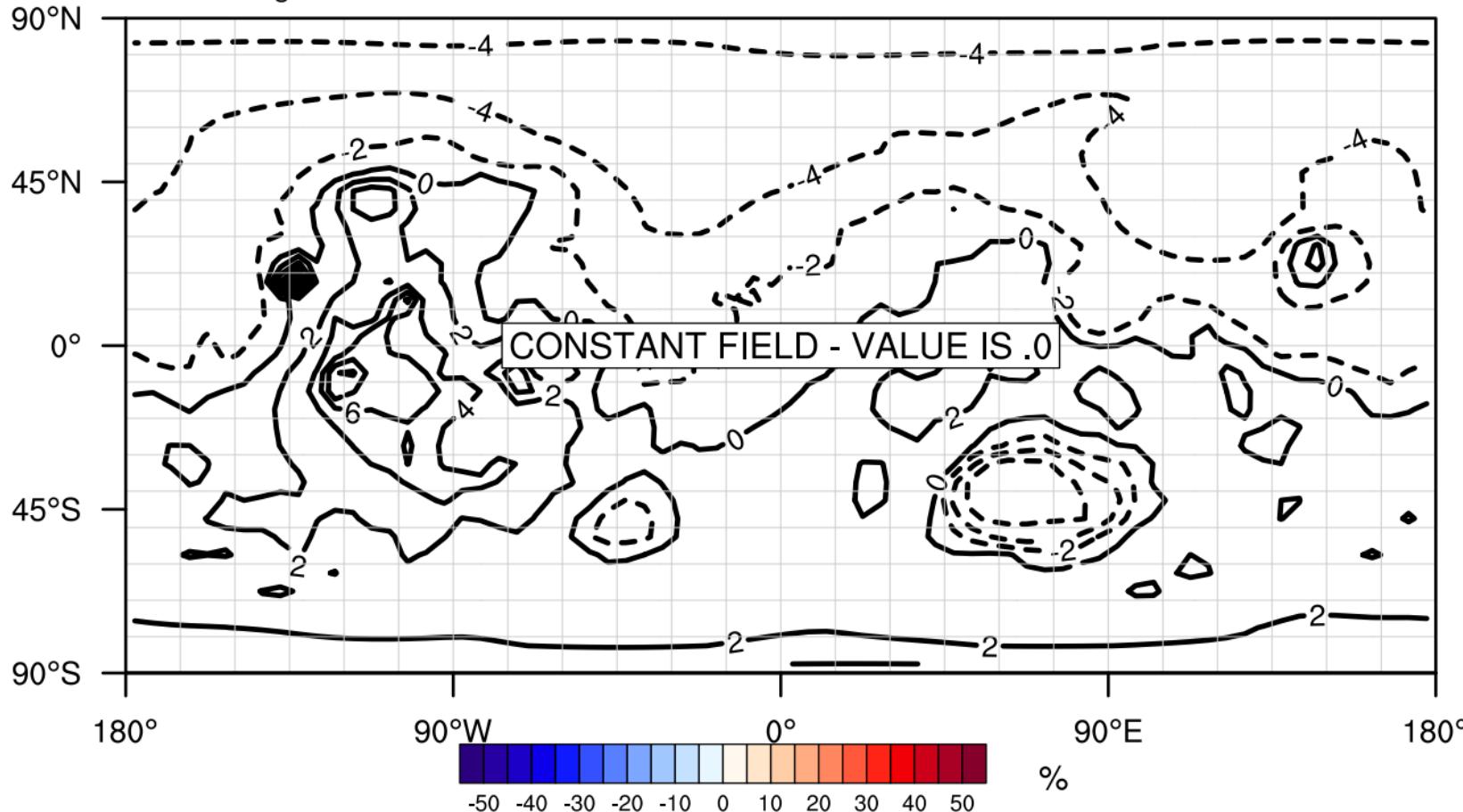
Difference of DEFORMATION 13 at top  
Terrain Height

Ls:0.3



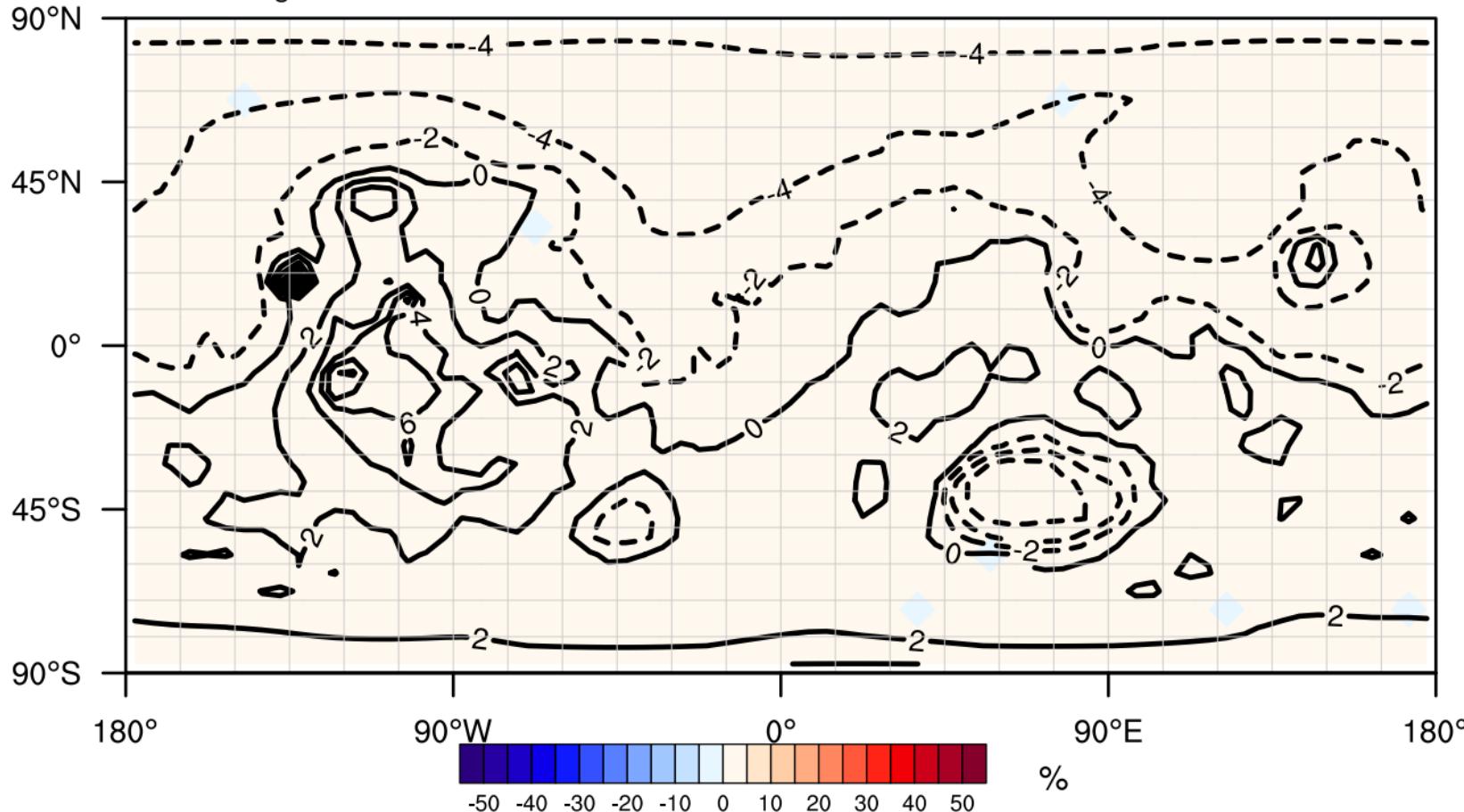
Difference of DEFORMATION 23 at top  
Terrain Height

Ls:0.3



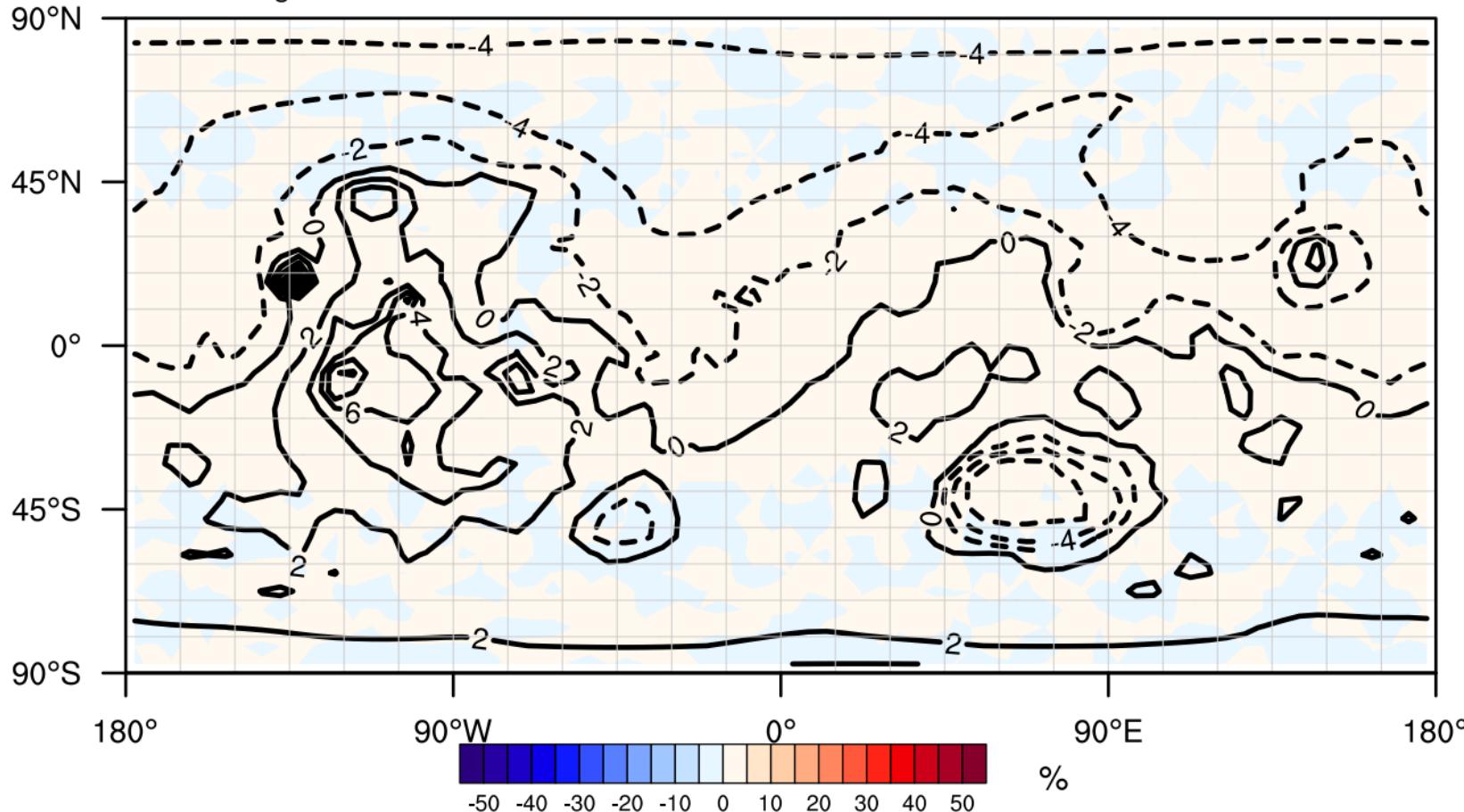
Relative difference of VERTICAL EDDY VISCOSITY(%) at surface  
Terrain Height

Ls:0.3



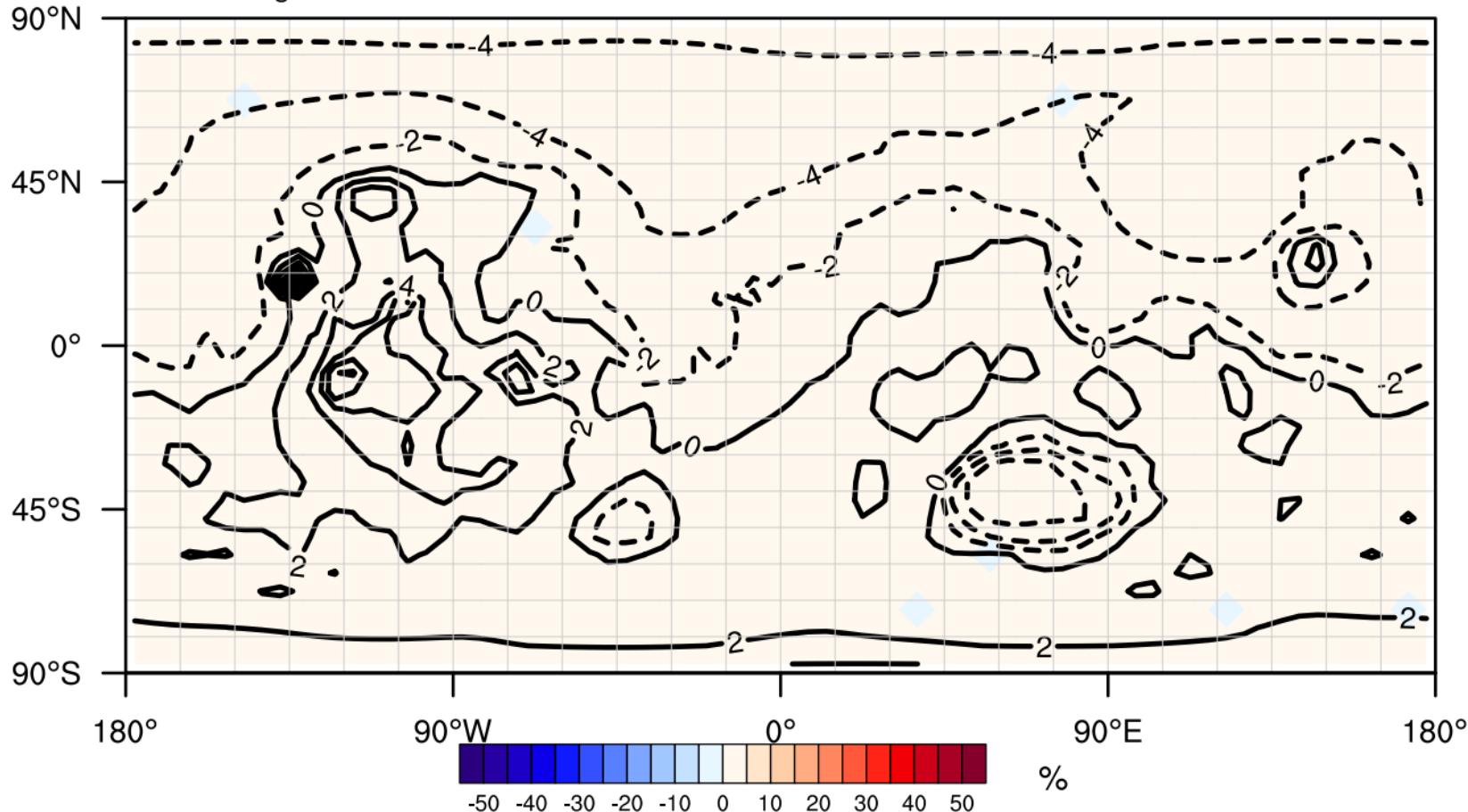
Relative difference of HORIZONTAL EDDY VISCOSITY(%) at surface  
Terrain Height

Ls:0.3



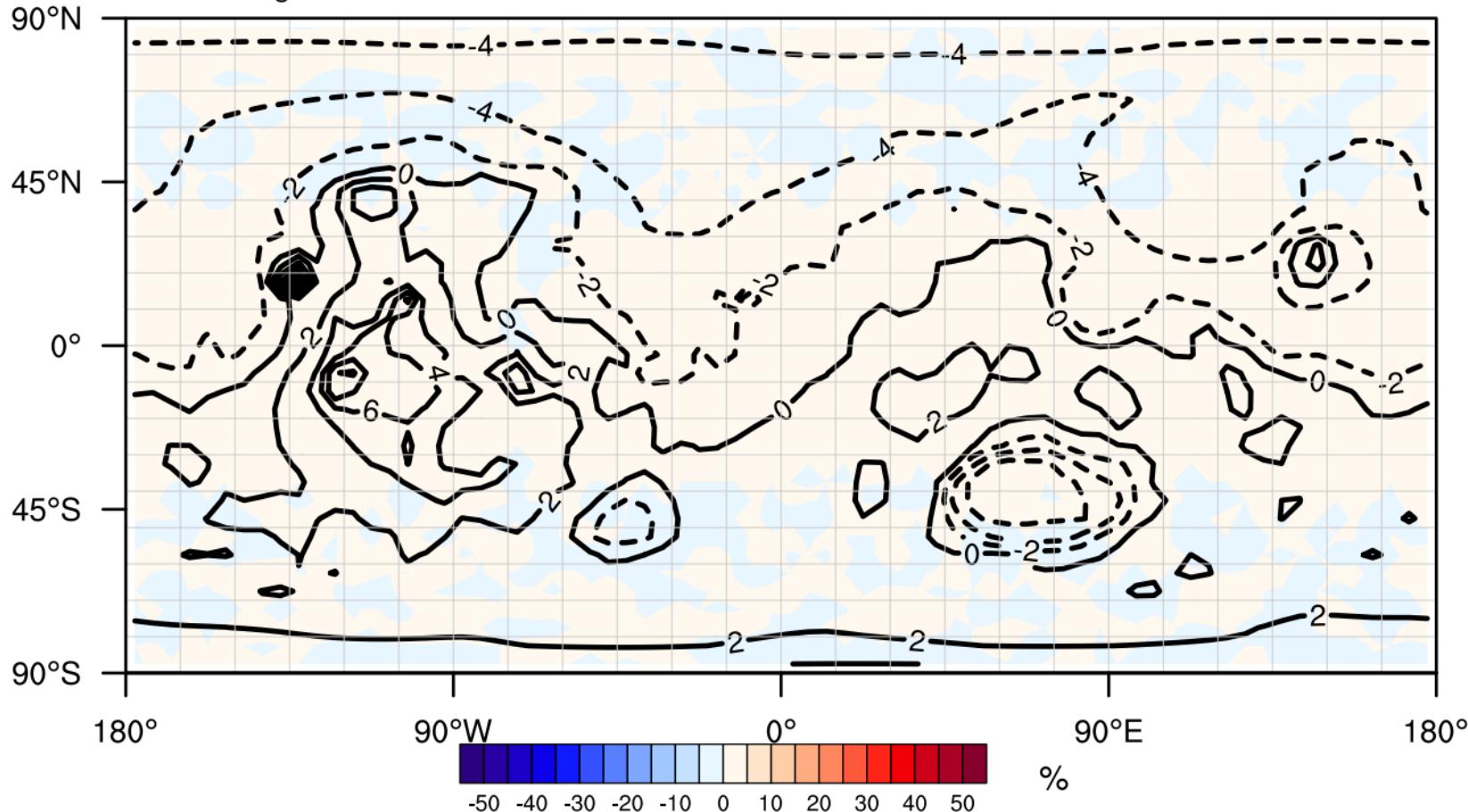
Relative difference of VERTICAL EDDY DIFFUSIVITY OF HEAT(%) at surface  
Terrain Height

Ls:0.3



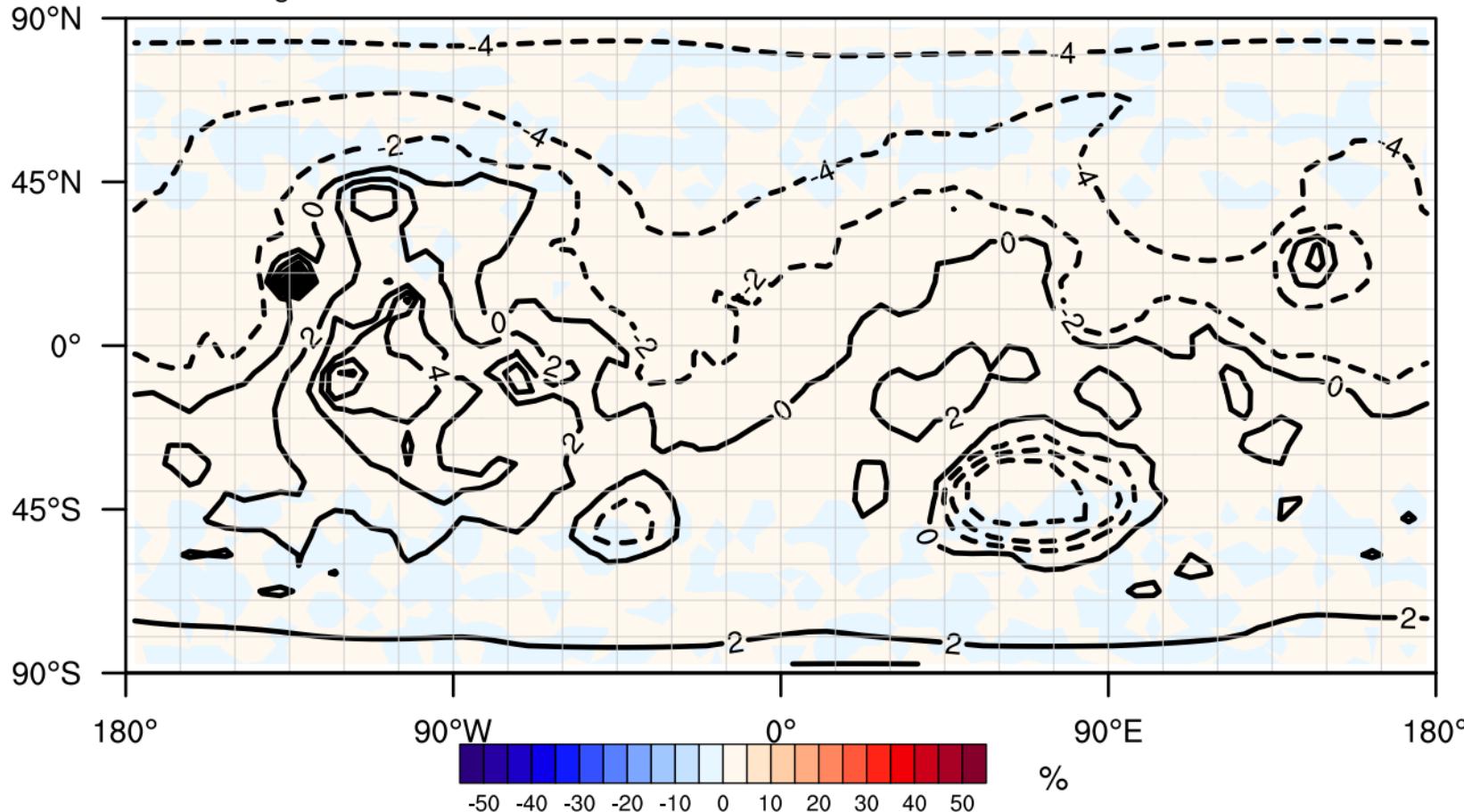
Relative difference of HORIZONTAL EDDY DIFFUSIVITY OF HEAT(%) at surface  
Terrain Height

Ls:0.3



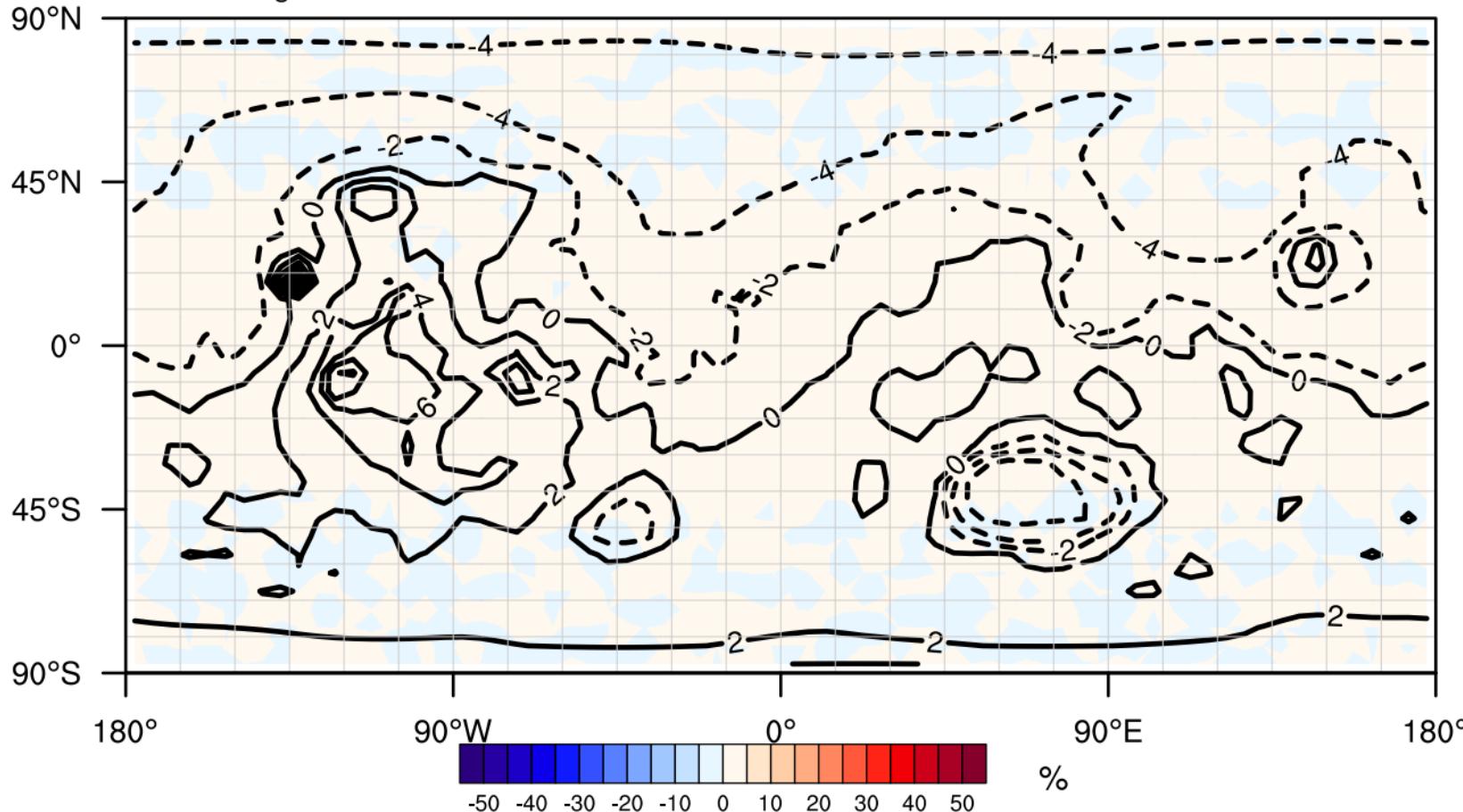
Relative difference of VERTICAL EDDY DIFFUSIVITY OF HEAT(%) at surface  
Terrain Height

Ls:0.3



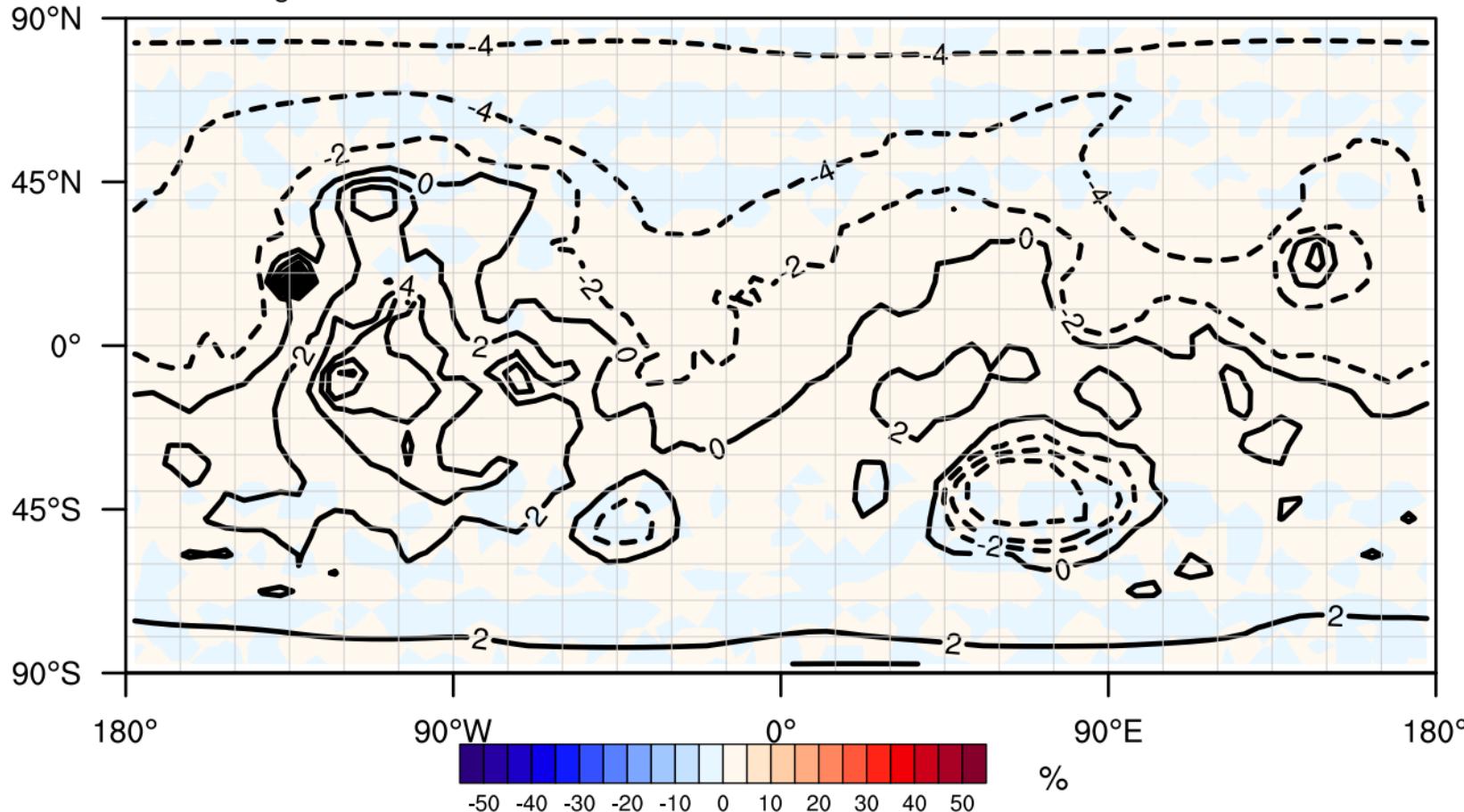
Relative difference of VERTICAL EDDY DIFFUSIVITY OF MOMENTUM(%) at surface  
Terrain Height

Ls:0.3



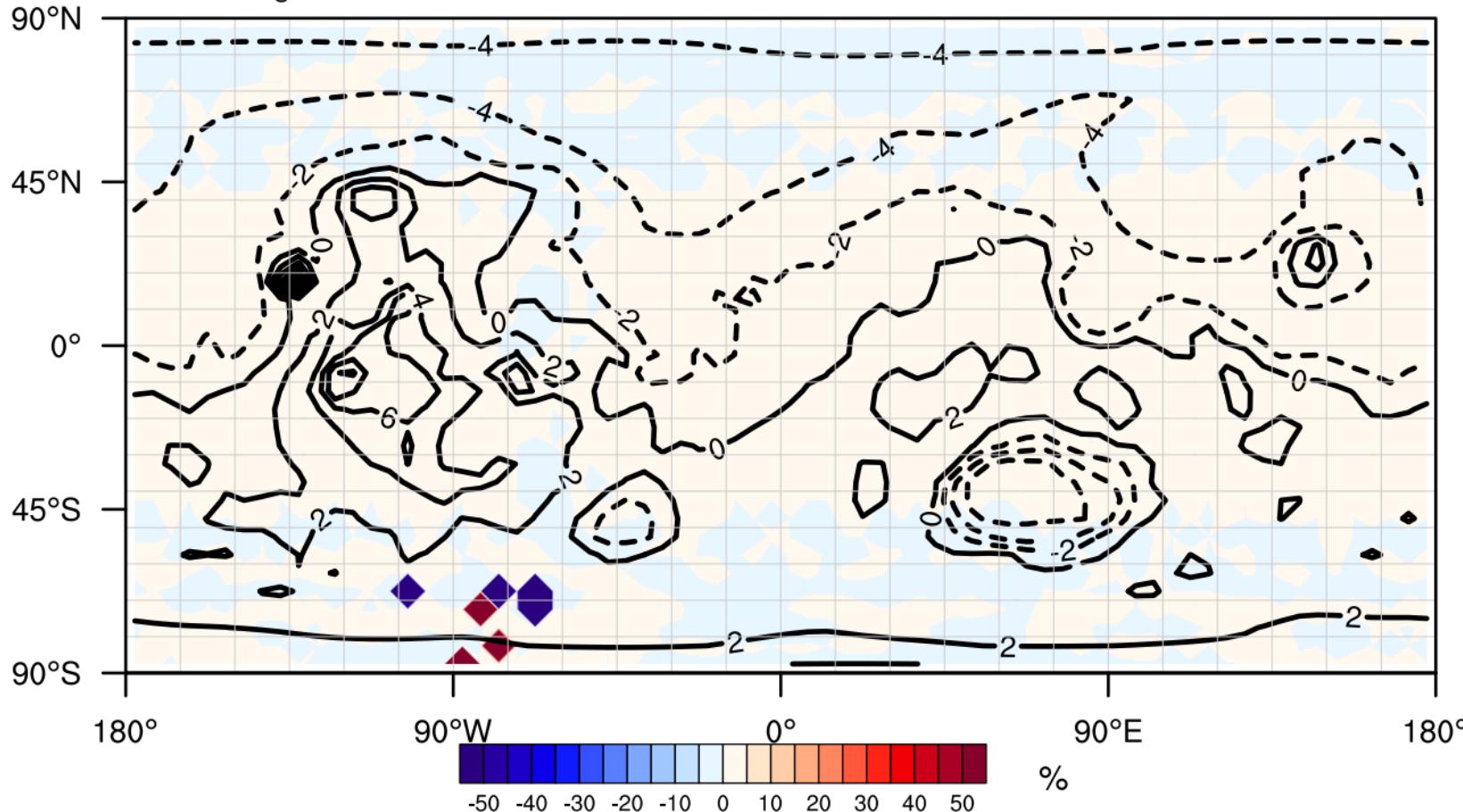
Relative difference of DIVERGENCE(%) at surface  
Terrain Height

Ls:0.3



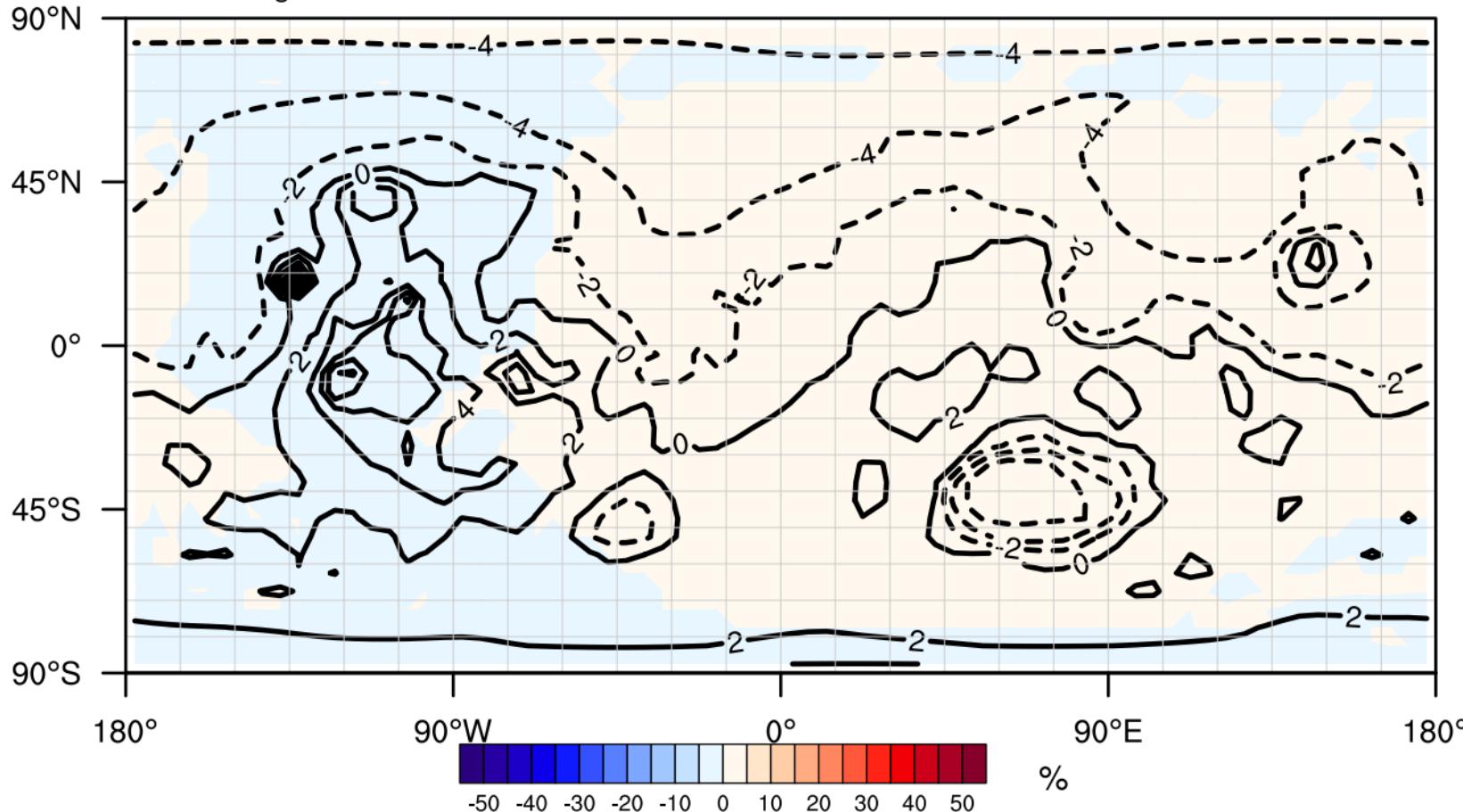
Relative difference of BRUNT-VAISALA FREQUENCY(%) at surface  
Terrain Height

Ls:0.3



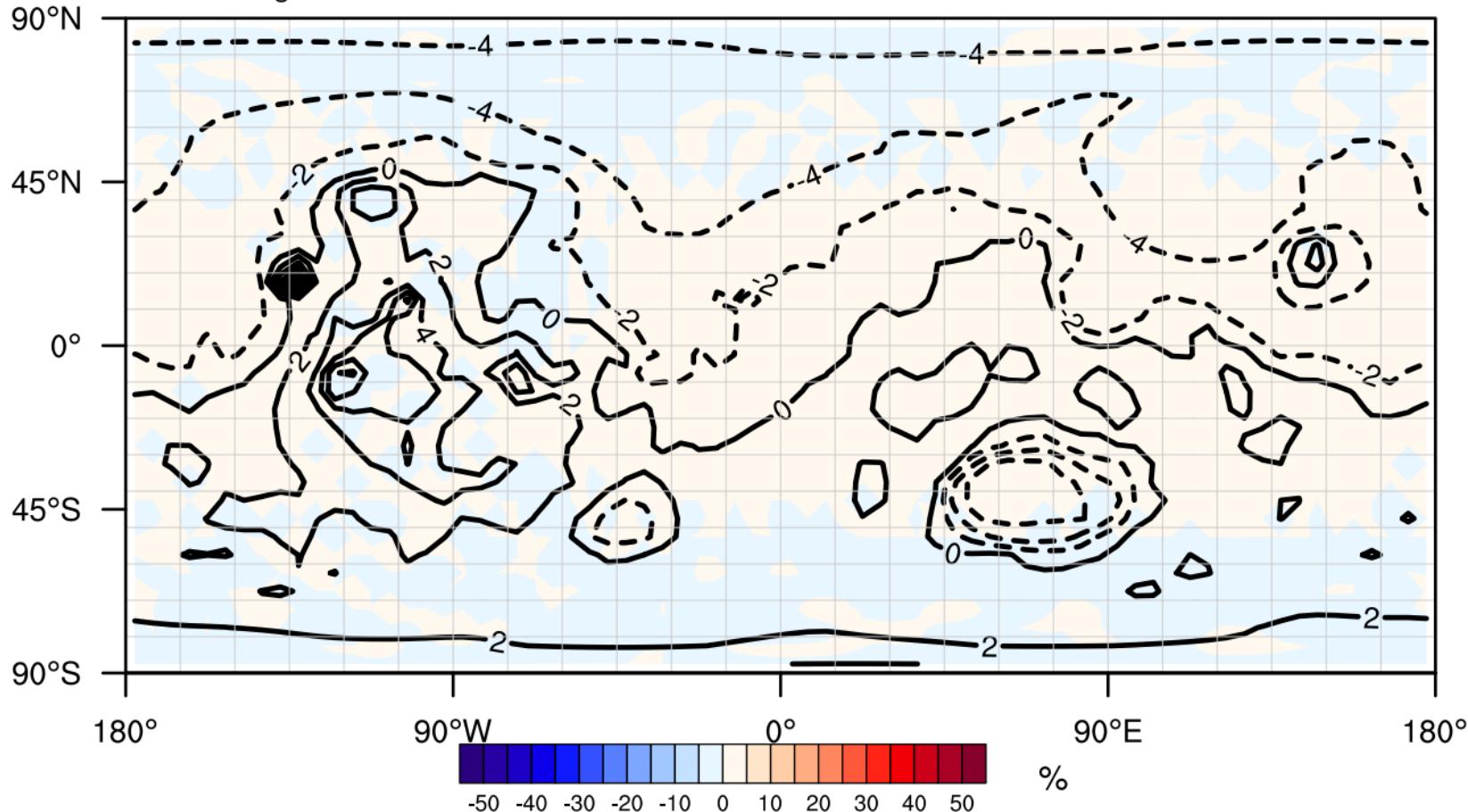
Relative difference of Surface H<sub>2</sub>O ice(%) at surface  
Terrain Height

Ls:0.3



Relative difference of Column integrated vapor abundance(%) at surface  
Terrain Height

Ls:0.3



Relative difference of Column integrated ice abundance(%) at surface  
Terrain Height

Ls:0.3

