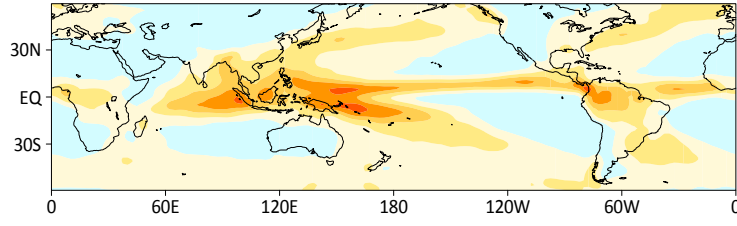
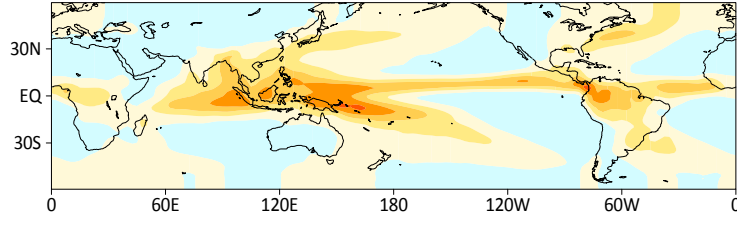


Annual Mean Precipitation (1998-2007)

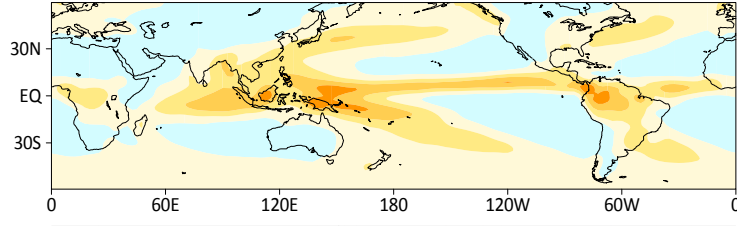
a) OBS: GPM



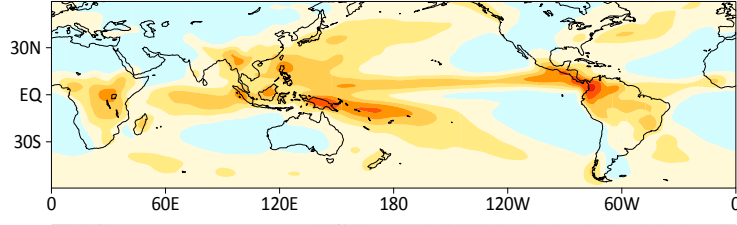
b) OBS: TRMM
p-corr 0.975 with GPM



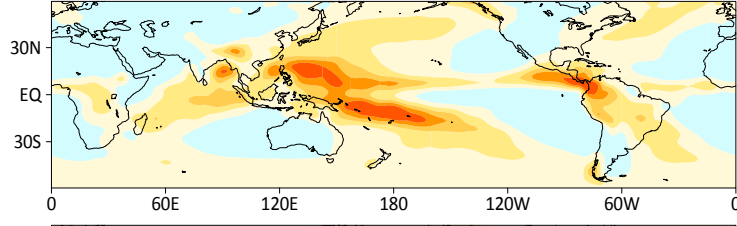
c) OBS: GPCP
p-corr 0.973 with GPM



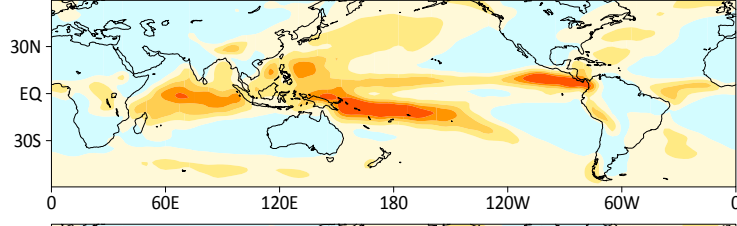
d) CAM6 L58-Control (#71)
0.878 0.870 0.872
p-corr (GPM TRMM GPCP)



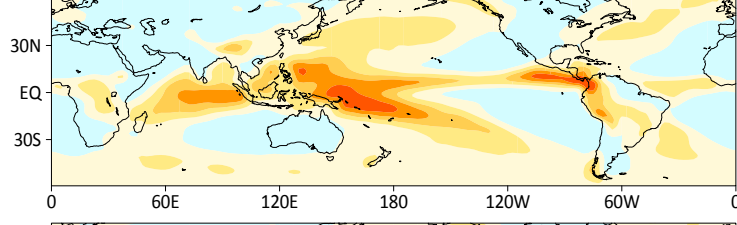
e) 2.E-4fixent (#60)
0.852 0.823 0.815



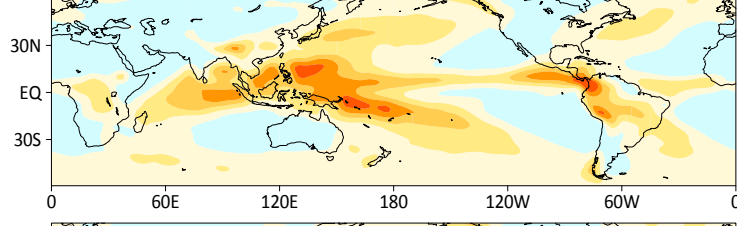
f) 7Lopt50a3b3alph (#66)
0.789 0.762 0.742



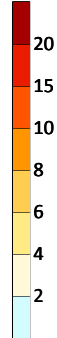
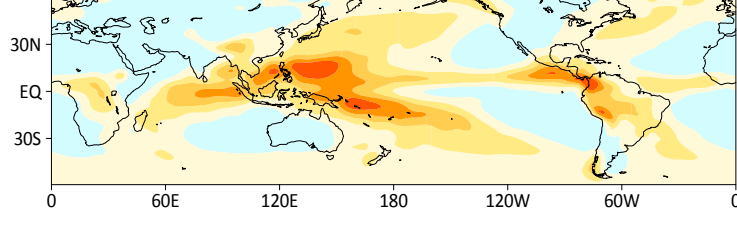
g) 7Lopt50a3b3alph_2E-4lim (#72)
0.874 0.845 0.837



h) 7Lopt50a3b3alph_3E-4lim (#76)
0.894 0.872 0.865

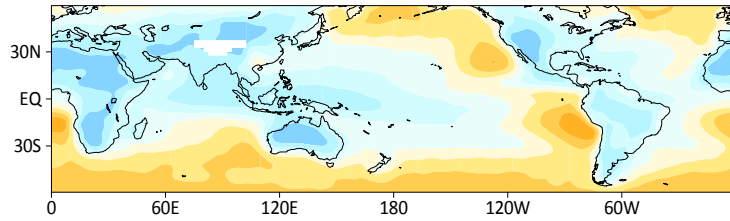


i) 7Lopt50a3b3alph_4E-4lim (#75)
0.876 0.856 0.847



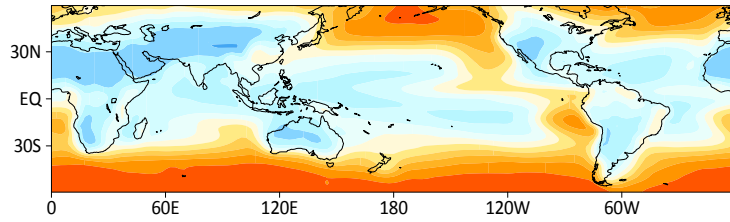
Annual Mean Low-cloud fraction (1998-2007)

a) Calipso



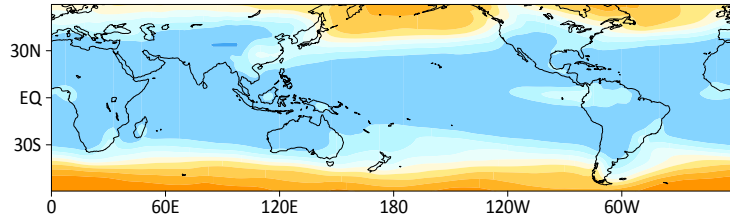
d) CAM6 L58-Control (#71)

0.893



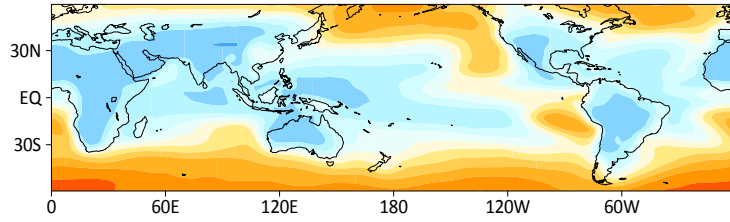
e) 2.E-4fixent (#60)

0.632



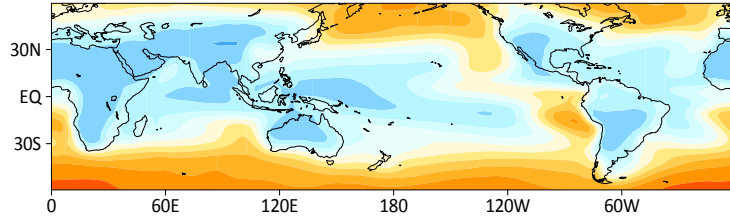
f) 7Lopt50a3b3alph (#66)

0.919



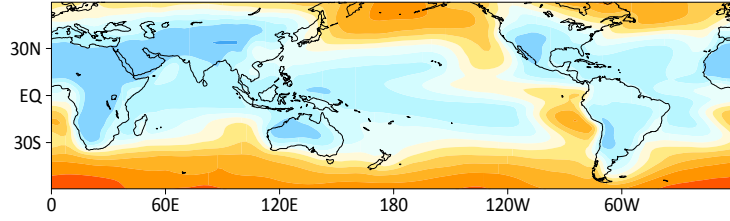
g) 7Lopt50a3b3alph_2E-4lim (#72)

0.912



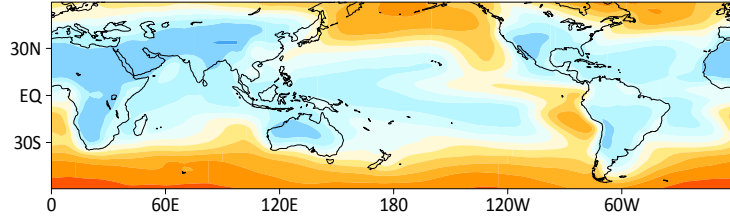
h) 7Lopt50a3b3alph_3E-4lim (#76)

0.904



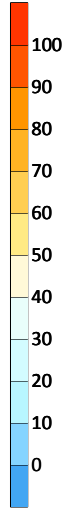
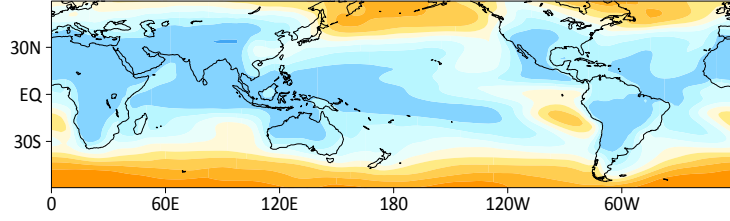
i) 7Lopt50a3b3alph_4E-4lim (#75)

0.896



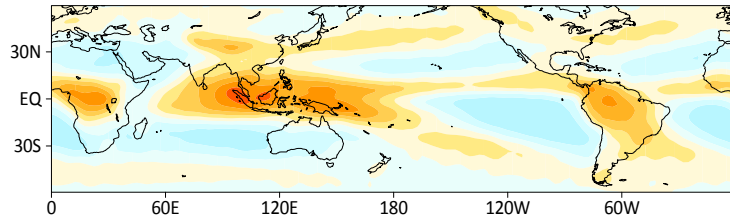
j) 7Lopt5000a3b3alph_2E-4lim (#78)

0.859



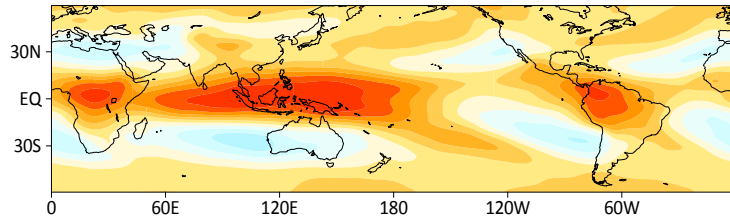
Annual Mean High-cloud fraction (1998-2007)

a) Calipso



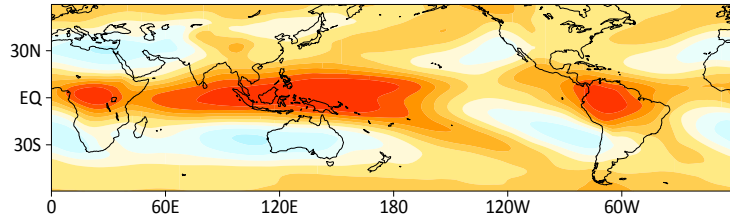
d) CAM6 L58-Control (#71)

0.876



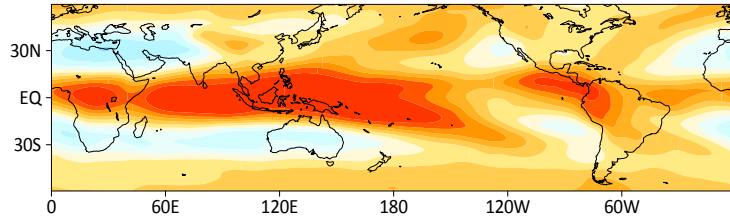
e) 2.E-4fixent (#60)

0.848



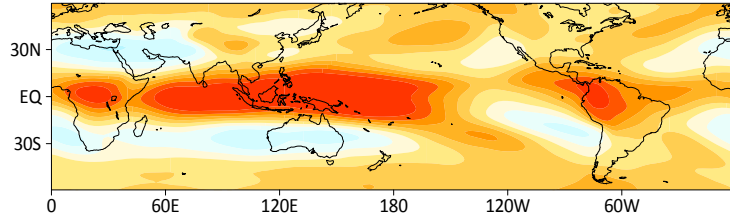
f) 7Lopt50a3b3alph (#66)

0.743



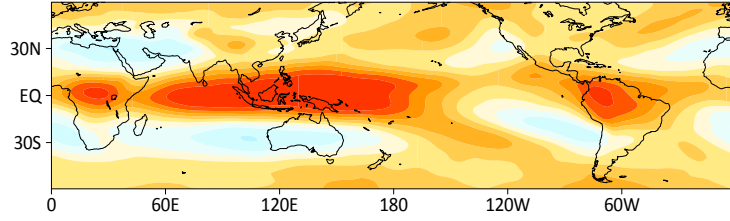
g) 7Lopt50a3b3alph_2E-4lim (#72)

0.809



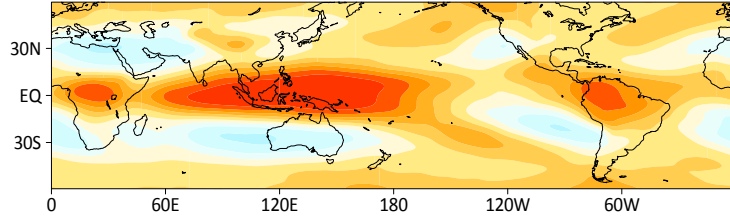
h) 7Lopt50a3b3alph_3E-4lim (#76)

0.841



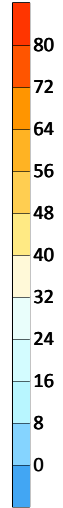
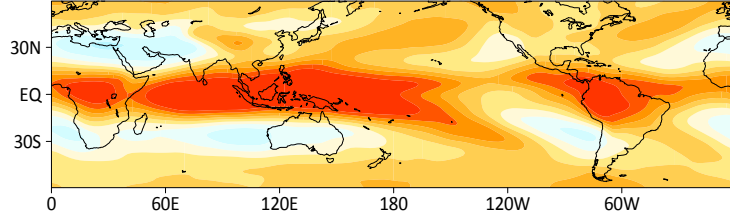
i) 7Lopt50a3b3alph_4E-4lim (#75)

0.851



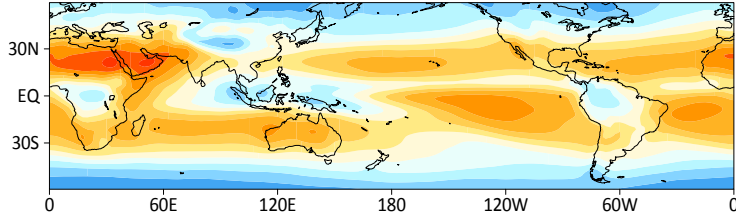
j) 7Lopt5000a3b3alph_2E-4lim (#78)

0.806

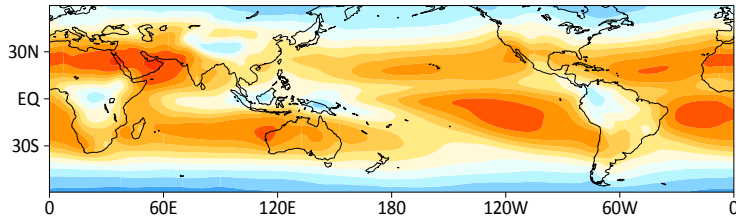


Annual Mean OLR (1998-2007)

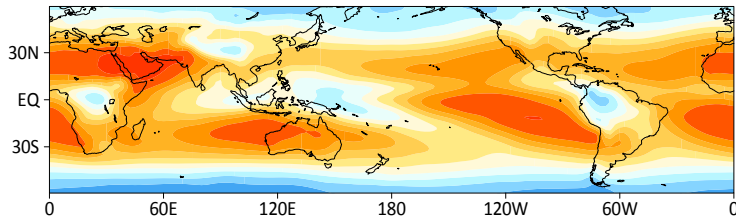
a) NOAA



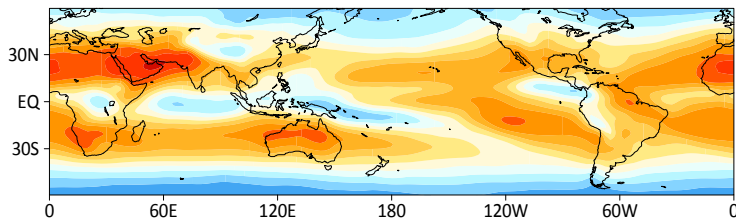
d) CAM6 L58-Control (#71)
0.968



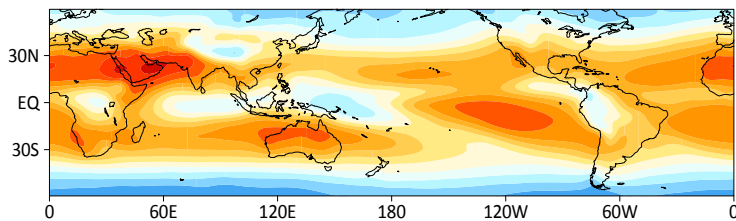
e) 2.E-4fixent (#60)
0.954



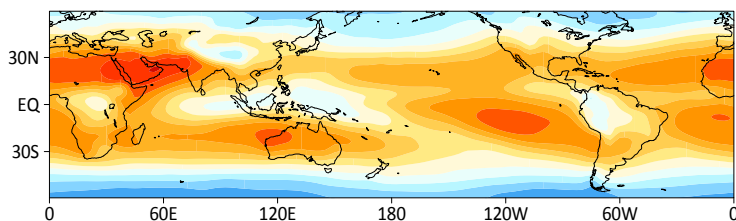
f) 7Lopt50a3b3alph (#66)
0.903



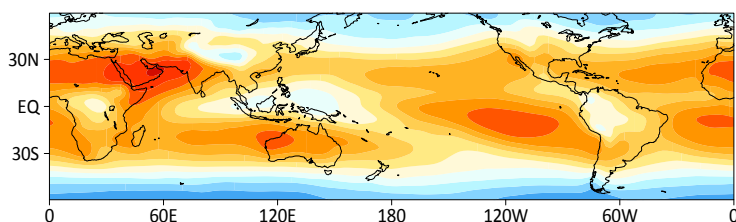
g) 7Lopt50a3b3alph_2E-4lim (#72)
0.953



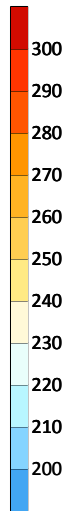
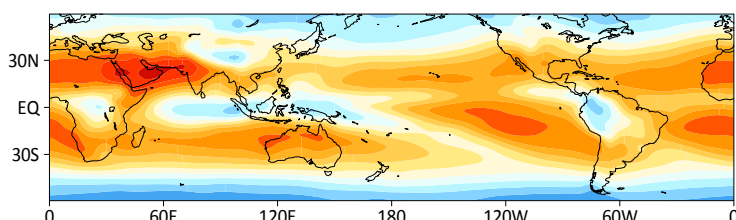
h) 7Lopt50a3b3alph_3E-4lim (#76)
0.966



i) 7Lopt50a3b3alph_4E-4lim (#75)
0.963



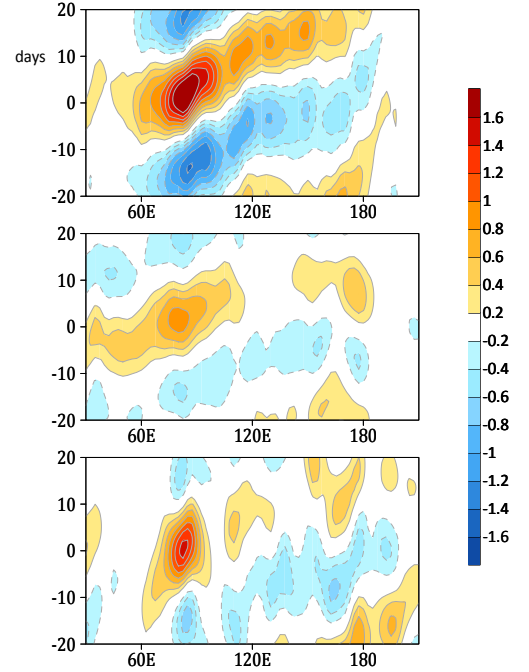
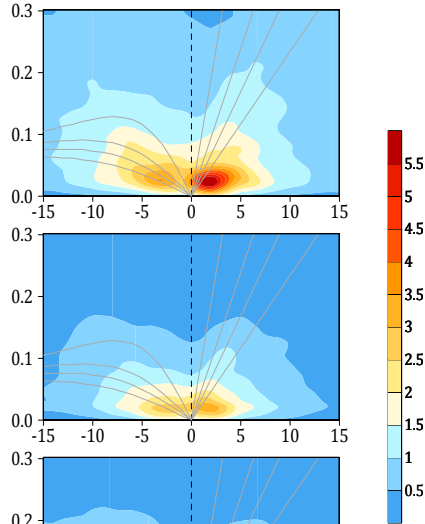
j) 7Lopt5000a3b3alph_2E-4lim (#78)
0.953



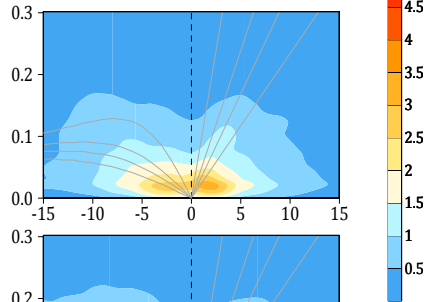
Precip Wavenumber-frequency Spectra
(15S-15N; symmetric)

Precip Hovmoller Diagram by Regression
(Winter, Nov-Apr; 10S-10N; mm/day)

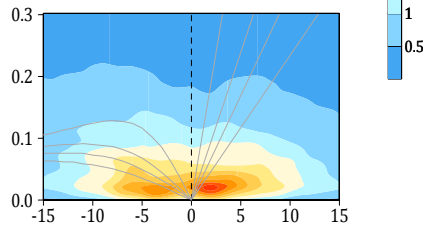
a) GPM



d) CAM6 L58-Control (#71)

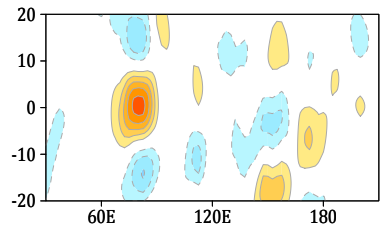
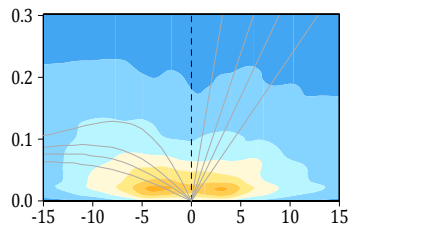


e) 2.E-4fixent (#60)

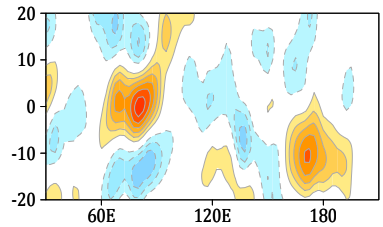
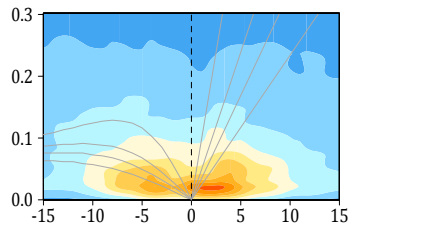


f) 7Lopt50a3b3alph (#66)- crashed

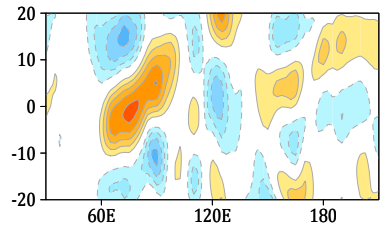
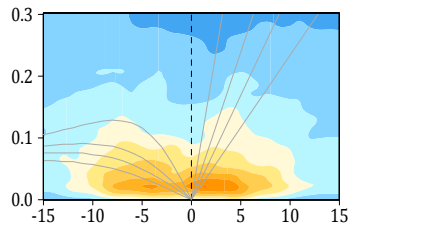
g) 7Lopt50a3b3alph_2E-4lim (#72)



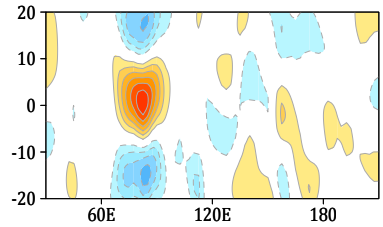
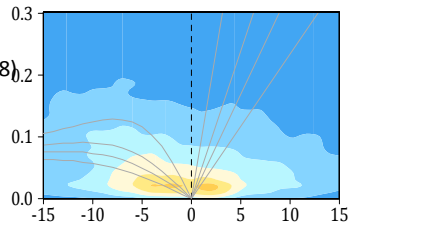
h) 7Lopt50a3b3alph_3E-4lim (#76)



i) 7Lopt50a3b3alph_4E-4lim (#75)



j) 7Lopt5000a3b3alph_2E-4lim (#78)



Precipitation versus Precipitable-water Profiles

