Dynamics side meeting

• Some notes from yesterday
  • Discussion about the X-term
  • Is WENO maxi conservative ?
  • Question by Xiaohua about 375m horizontal resolution, which time-step ?
  • New ideas from LACE, does it cumulates with stabilising effect from d5/W ?
• Recent simulation by Eric Bazile over USA domain exhibits very bad scores from PC, No PC with SETTLLS is much better (but probably less stable), too early to draw any conclusion except that this kind of domain with huge mountain range is good for testing.
PC CHEAP NESC scheme with NSITER=1

PC CHEAP NESC scheme with NSITER=3

SI SETTLES with new development has similar pattern compared to reference (NSITER=3) but with a much reduced cost.

SI SETTLES with new development