

The graph displays the time evolution of the 1000-hPa potential vorticity anomaly (PVA) for ten different cases, labeled A through J. The y-axis represents the PVA in units of 10^{-4} s^{-1} , ranging from -10 to 10. The x-axis shows the months from January to October. Two vertical dashed lines are drawn at approximately March 15 and April 15, indicating specific time points of interest. The cases show varying patterns of PVA evolution, with most cases exhibiting a significant increase in PVA starting in March, peaking in July, and then declining. Case A (blue) shows a sharp drop to zero by October.

