Emission Species Needed in WRF-CHEM/MOZART T1v????

e\_co, e\_no, e\_no2, e\_bigalk, e\_bigene, e\_c2h4, e\_c2h5oh, e\_c2h6, e\_c3h6, e\_c3h8, e\_ch2o, e\_ch3cho, e\_ch3coch3, e\_ch3oh, e\_mek, e\_so2, e\_toluene, e\_benzene, e\_xylene, e\_nh3, e\_isop, e\_c10h16, e\_c2h2, e\_gly, e\_sulf, e\_macr, e\_mgly, e\_mvk, e\_hcooh, e\_hono

Available from CMAQ/CB6:

float NH3(TSTEP, LAY, ROW, COL) ;

 float CO(TSTEP, LAY, ROW, COL) ;

 float HONO(TSTEP, LAY, ROW, COL) ;

 float NO(TSTEP, LAY, ROW, COL) ;

 float NO2(TSTEP, LAY, ROW, COL) ;

 float ACET(TSTEP, LAY, ROW, COL) ;

 float ALD2(TSTEP, LAY, ROW, COL) ;

 float ALDX(TSTEP, LAY, ROW, COL) ;

 float BENZENE(TSTEP, LAY, ROW, COL) ;

 float CH4(TSTEP, LAY, ROW, COL) ;

 float ETH(TSTEP, LAY, ROW, COL) ;

 float ETHA(TSTEP, LAY, ROW, COL) ;

 float ETHY(TSTEP, LAY, ROW, COL) ;

 float ETOH(TSTEP, LAY, ROW, COL) ;

 float FORM(TSTEP, LAY, ROW, COL) ;

 float IOLE(TSTEP, LAY, ROW, COL) ;

 float ISOP(TSTEP, LAY, ROW, COL) ;

 float KET(TSTEP, LAY, ROW, COL) ;

 float MEOH(TSTEP, LAY, ROW, COL) ;

 float NVOL(TSTEP, LAY, ROW, COL) ;

 float OLE(TSTEP, LAY, ROW, COL) ;

 float PAR(TSTEP, LAY, ROW, COL) ;

 float PRPA(TSTEP, LAY, ROW, COL) ;

 float TERP(TSTEP, LAY, ROW, COL) ;

 float TOL(TSTEP, LAY, ROW, COL) ;

 float UNK(TSTEP, LAY, ROW, COL) ;

 float UNR(TSTEP, LAY, ROW, COL) ;

 float XYLMN(TSTEP, LAY, ROW, COL) ;

 float SO2(TSTEP, LAY, ROW, COL) ;

 float SULF(TSTEP, LAY, ROW, COL) ;

 float ACROLEIN(TSTEP, LAY, ROW, COL) ;

 float BUTADIENE13(TSTEP, LAY, ROW, COL) ;

 float NAPHTH(TSTEP, LAY, ROW, COL) ;

 float HCL(TSTEP, LAY, ROW, COL) ;

 float CL2(TSTEP, LAY, ROW, COL) ;

Aerosols: (or take aerosols from NEI ….?)

 float PAL(TSTEP, LAY, ROW, COL) ;

 float PCA(TSTEP, LAY, ROW, COL) ;

 float PCL(TSTEP, LAY, ROW, COL) ;

 float PEC(TSTEP, LAY, ROW, COL) ;

 float PFE(TSTEP, LAY, ROW, COL) ;

 float PH2O(TSTEP, LAY, ROW, COL) ;

 float PK(TSTEP, LAY, ROW, COL) ;

 float PMG(TSTEP, LAY, ROW, COL) ;

 float PMN(TSTEP, LAY, ROW, COL) ;

 float PMOTHR(TSTEP, LAY, ROW, COL) ;

 float PNA(TSTEP, LAY, ROW, COL) ;

 float PNCOM(TSTEP, LAY, ROW, COL) ;

 float PNH4(TSTEP, LAY, ROW, COL) ;

 float PNO3(TSTEP, LAY, ROW, COL) ;

 float POC(TSTEP, LAY, ROW, COL) ;

 float PSI(TSTEP, LAY, ROW, COL) ;

 float PSO4(TSTEP, LAY, ROW, COL) ;

 float PTI(TSTEP, LAY, ROW, COL) ;