Data Description

1. Case with all cloud physics

xi0_normal.nc (1.3 Mb)

This contains the initial control for the case with all physics. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 9 ;
    nensdim = 1 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf0_normal.nc (575 Kb)

This contains the final control for the case with all physics. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 4 ;
    nensdim = 1 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 4 final variables are T, Q, CLW, and ICE

Distribution Statement A. Approved for public release: distribution is unlimited

xi_normal.nc (1.3 Mb)

This contains the initial ensemble for the case with all physics. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 9 ;
    nensdim = 1054 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf_normal.nc (575 Kb)

This contains the final ensemble for the case with all physics. Variables include:

dimensions:
    nptsdim = 1035 ;
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variables:
    float lon(nptsdim) ;
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    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 4 final variables are T, Q, CLW, and ICE

Distribution Statement A. Approved for public release: distribution is unlimited

2. Case with no precipitation

xi0_noprecip.nc (1.3 Mb)

This contains the initial control for the case with no precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 9 ;
    nensdim = 1 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf0_noprecip.nc (575 Kb)

This contains the final control for the case with no precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 4 ;
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variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 4 final variables are T, Q, CLW, and ICE

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This contains the initial ensemble for the case with no precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
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    nvardim = 9 ;
    nensdim = 1054 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
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The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf_noprecip.nc (575 Kb)

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    nvardim = 4 ;
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variables:
    float lon(nptsdim) ;
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    float lev(nlevdim) ;
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    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 4 final variables are T, Q, CLW, and ICE

Distribution Statement A. Approved for public release: distribution is unlimited

2. Case with only precipitation

xi0_onlyprecip.nc (1.3 Mb)

This contains the initial control for the case with only precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 9 ;
    nensdim = 1 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf0_onlyprecip.nc (575 Kb)

This contains the final control for the case with only precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 4 ;
    nensdim = 1 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 4 final variables are T, Q, CLW, and ICE

Distribution Statement A. Approved for public release: distribution is unlimited

xi_onlyprecip.nc (1.3 Mb)

This contains the initial ensemble for the case with only precipitation. Variables include:

dimensions:
    nptsdim = 1035 ;
    nlevdim = 35 ;
    nvardim = 9 ;
    nensdim = 1054 ;
variables:
    float lon(nptsdim) ;
    float lat(nptsdim) ;
    float lev(nlevdim) ;
    float pres(nlevdim) ;
    float vertfac(nlevdim) ;
    float x(nensdim, nvardim, nlevdim, nptsdim) ;

The 9 initial variables are T, Q, CLW, ICE, CLDS, CVCLD, P, QP, and TP

xf_onlyprecip.nc (575 Kb)

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