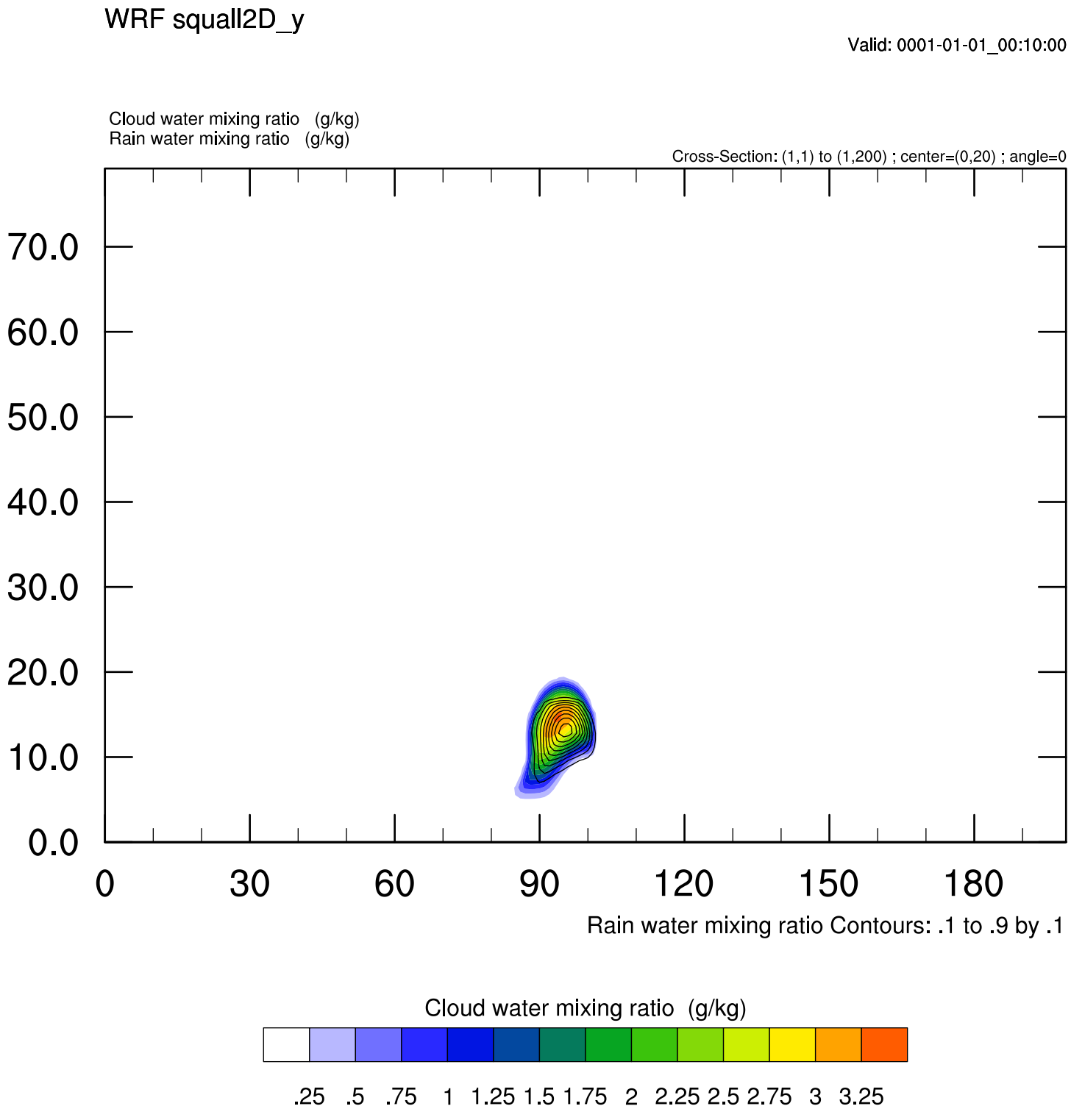
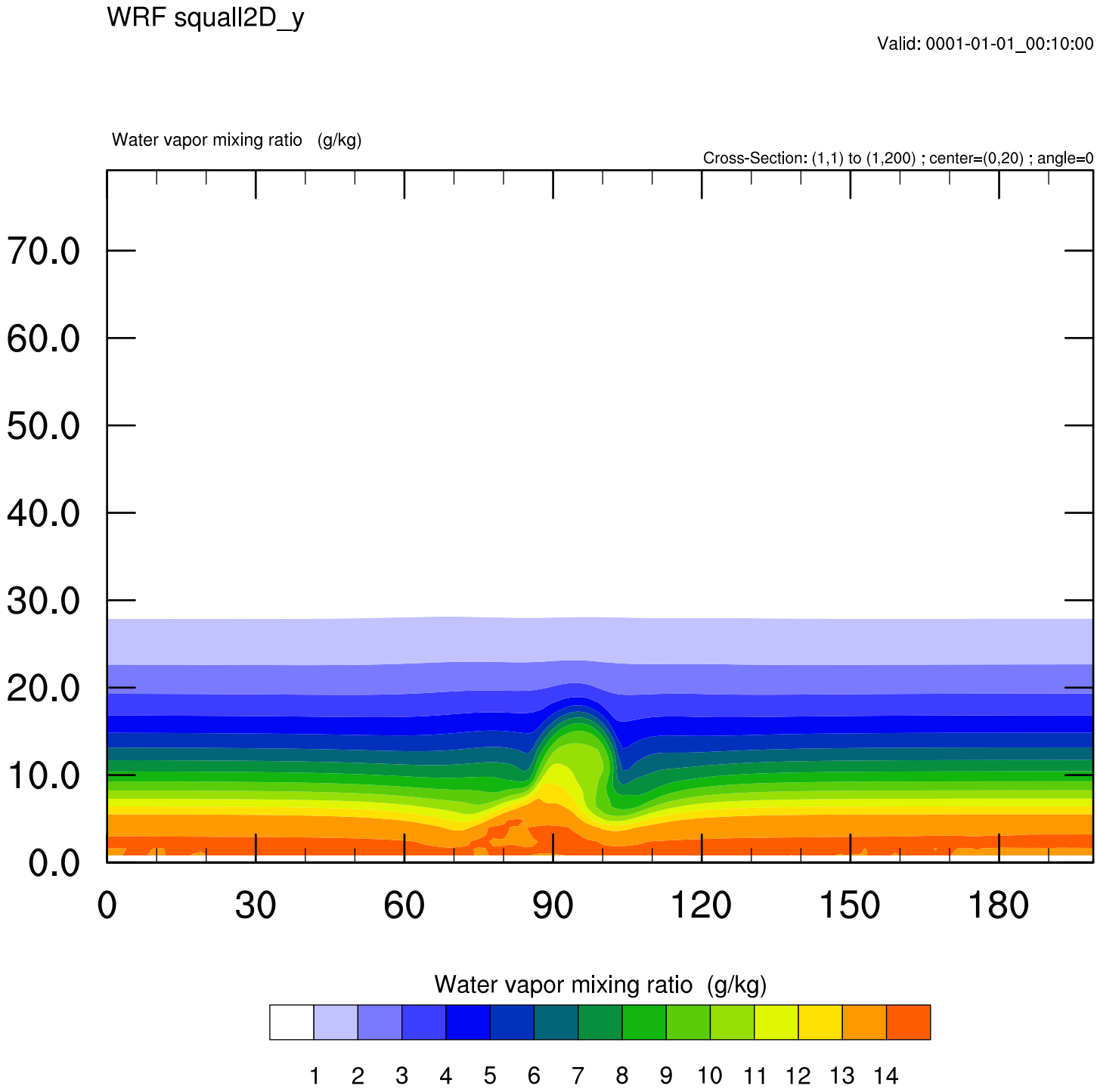
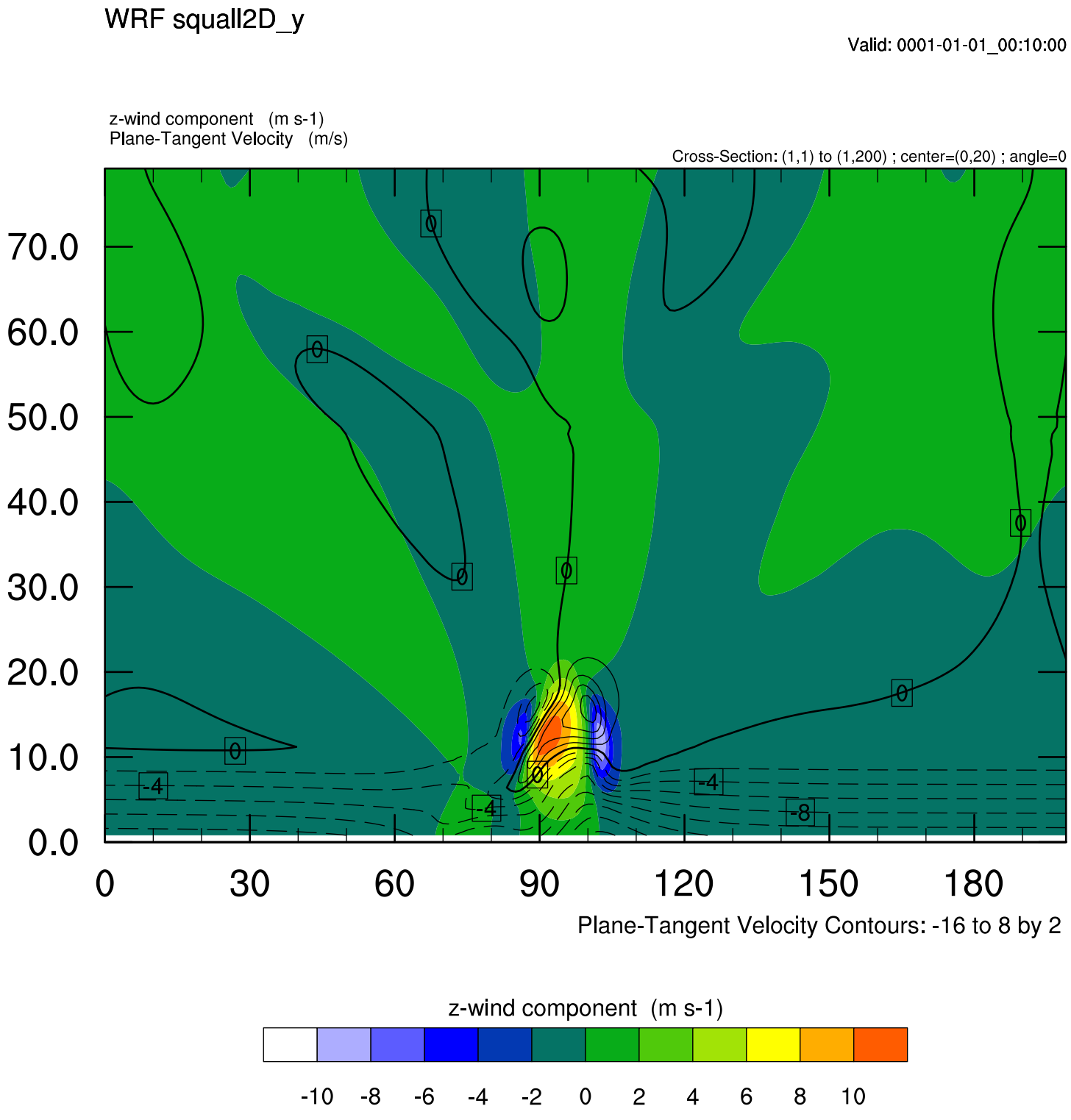
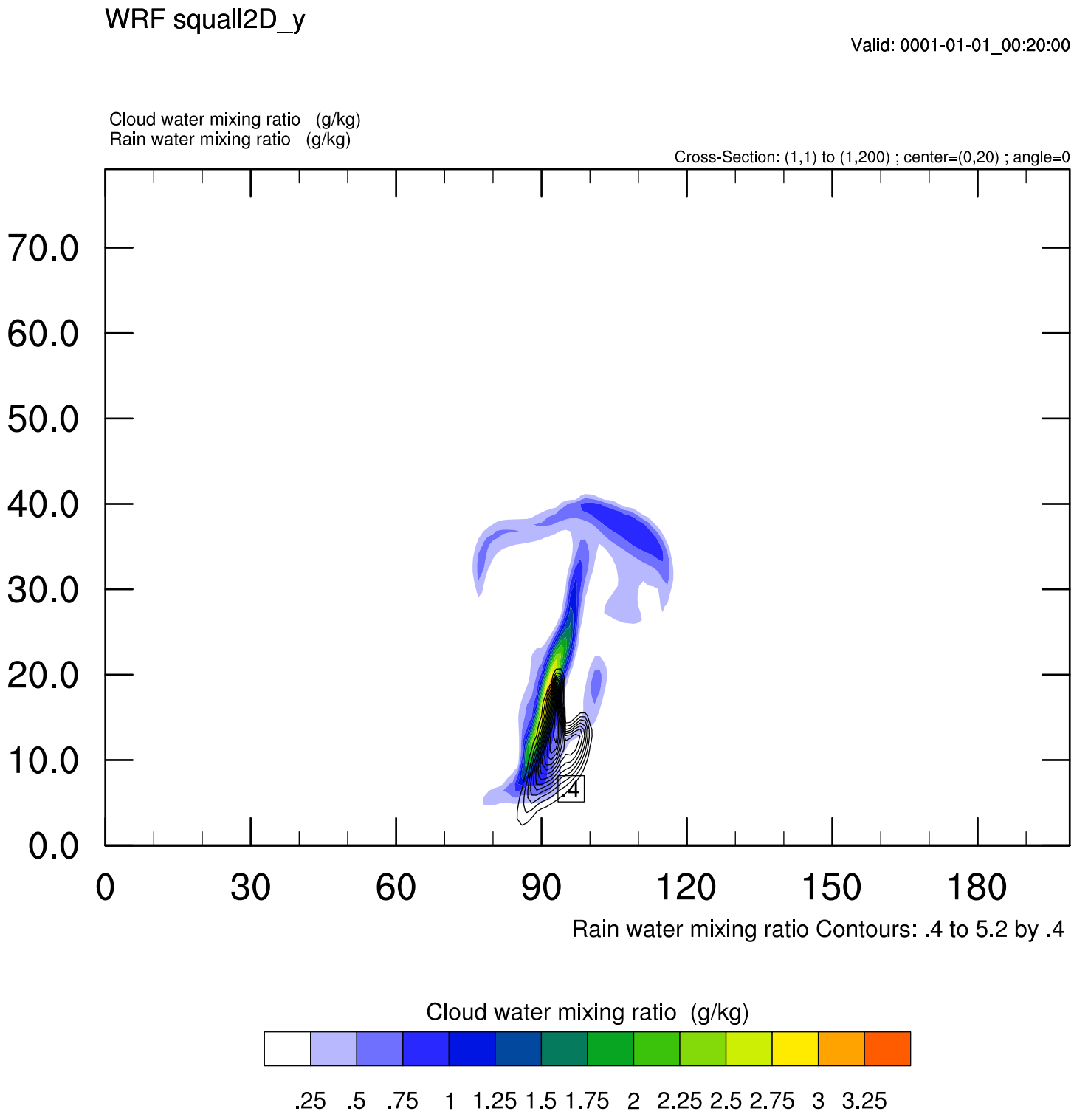
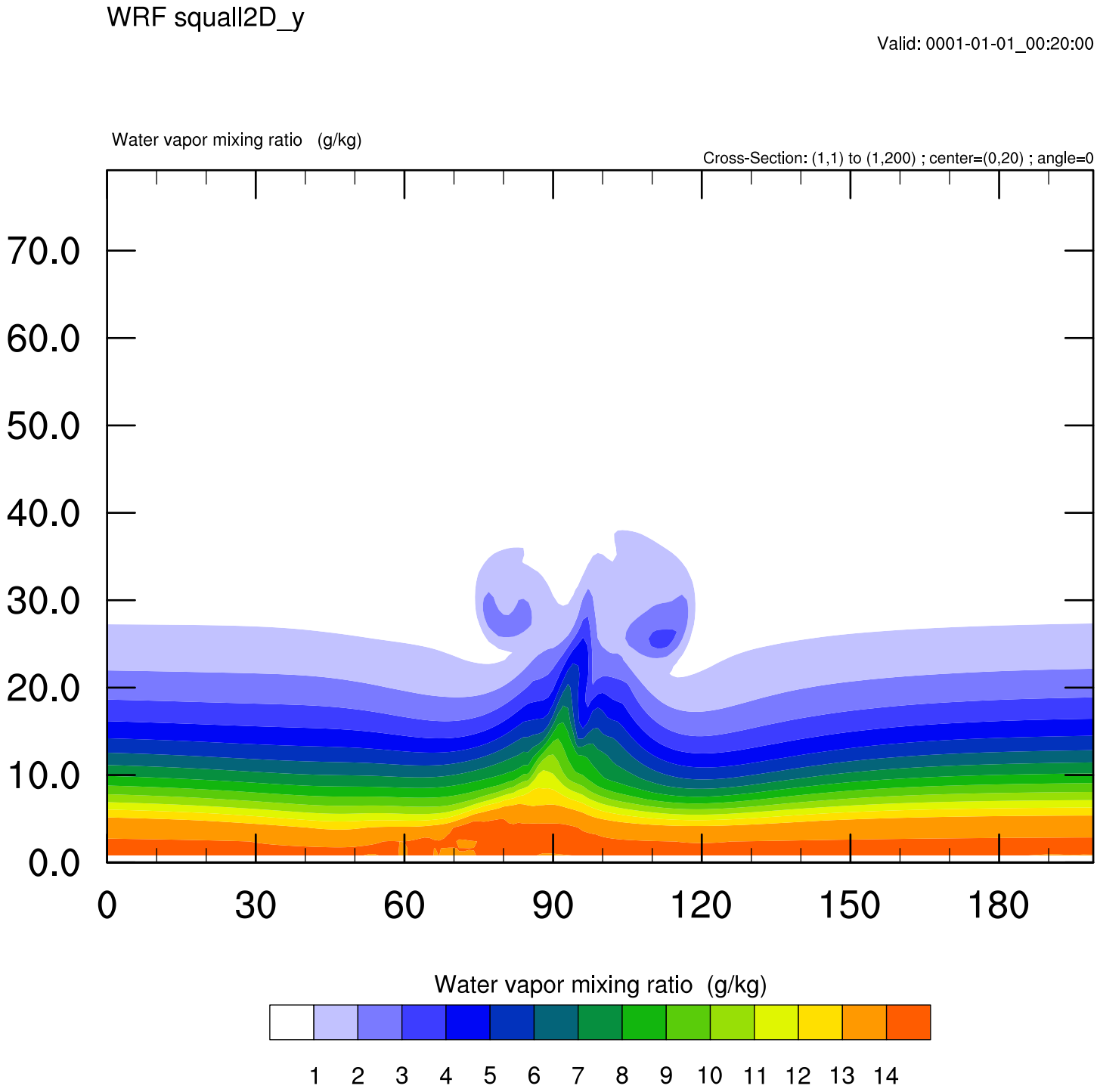
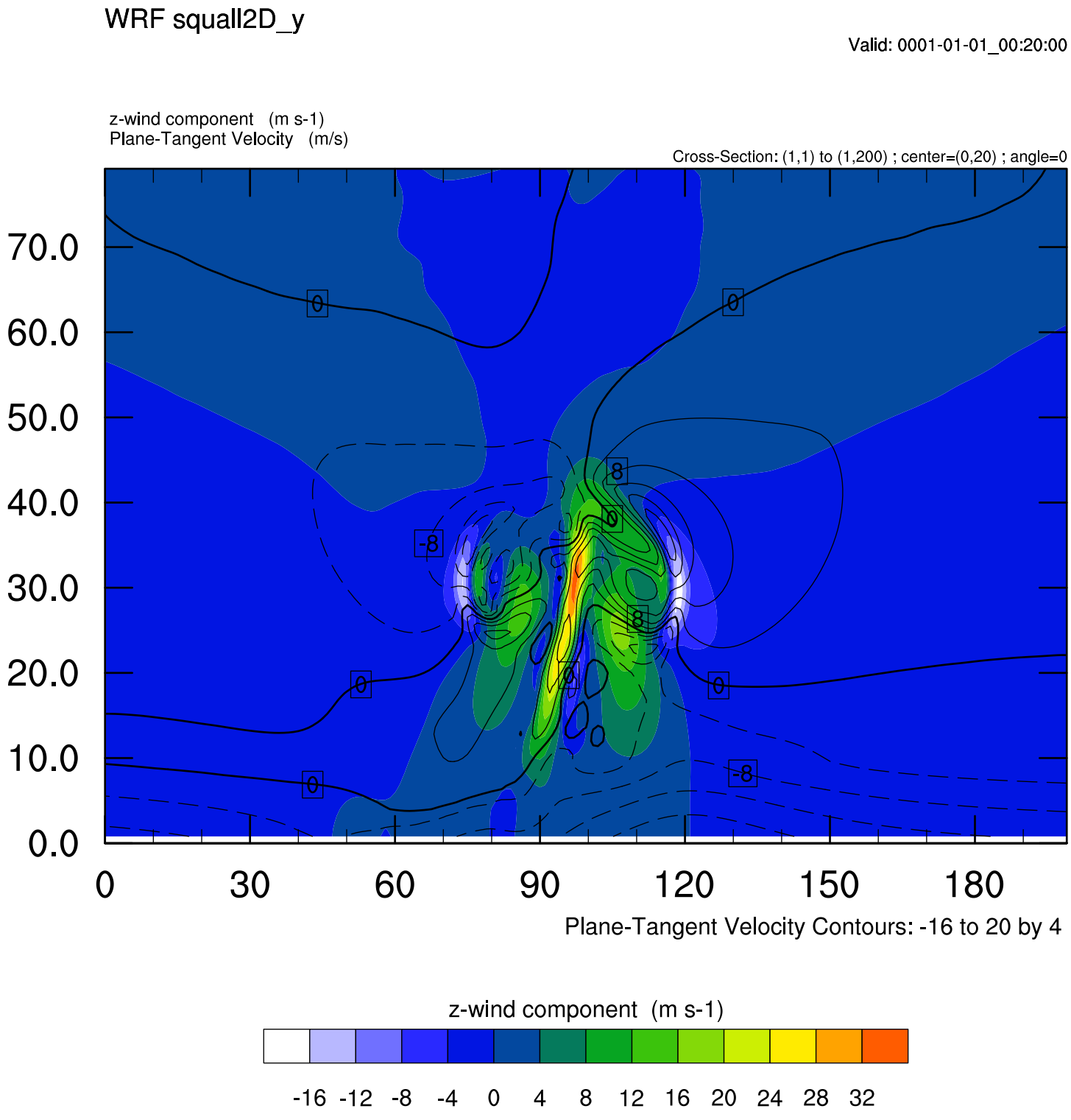

WRF squall2D_y
Valid: 0001-01-01_00:10:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Rain water mixing ratio Contours: .1 to .9 by .1
Cloud water mixing ratio (g/kg)
.25 .5 .75 1 1.25 1.5 1.75 2 2.25 2.5 2.75 3 3.25

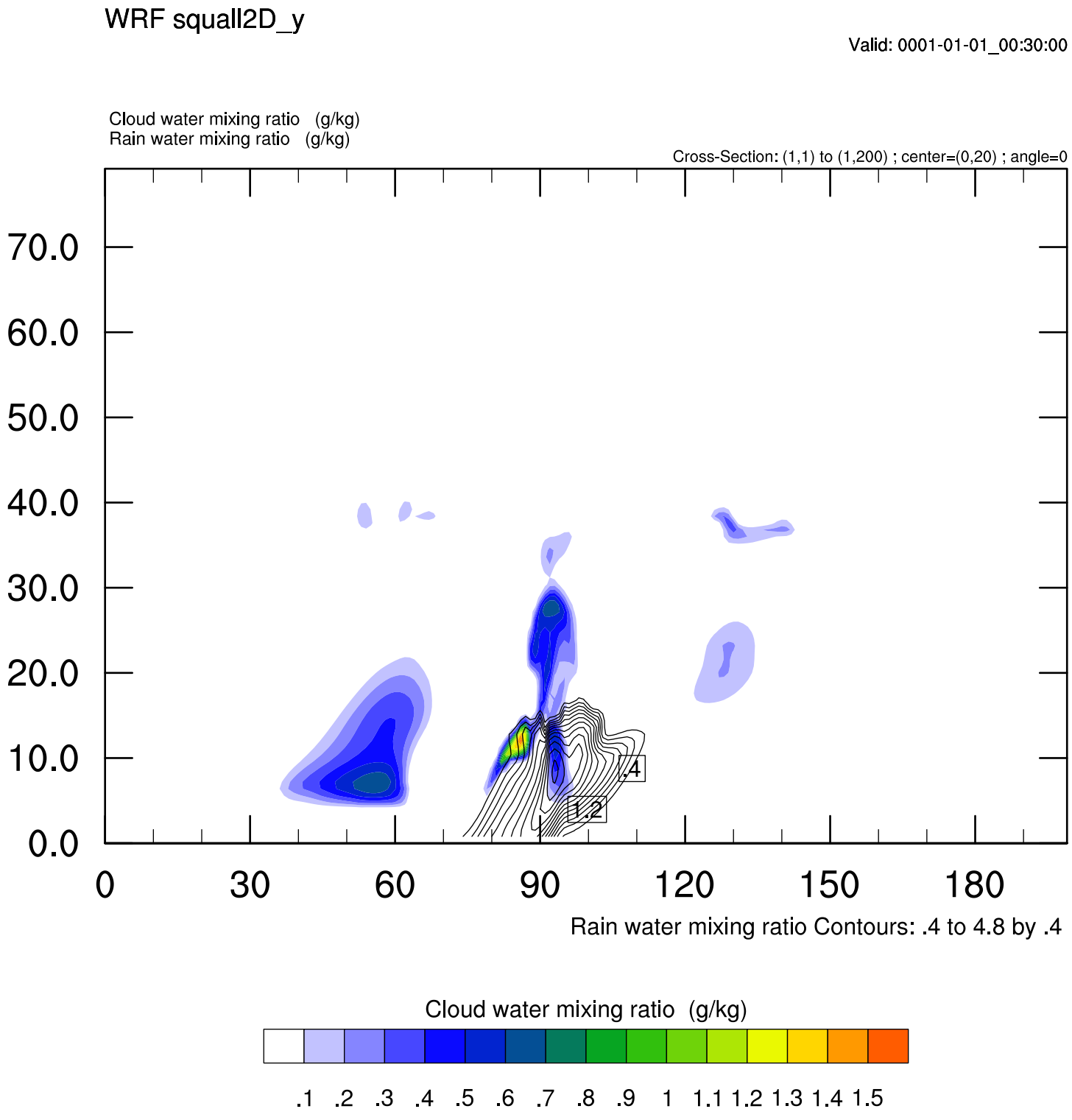

WRF squall2D_y
Valid: 0001-01-01_00:10:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14

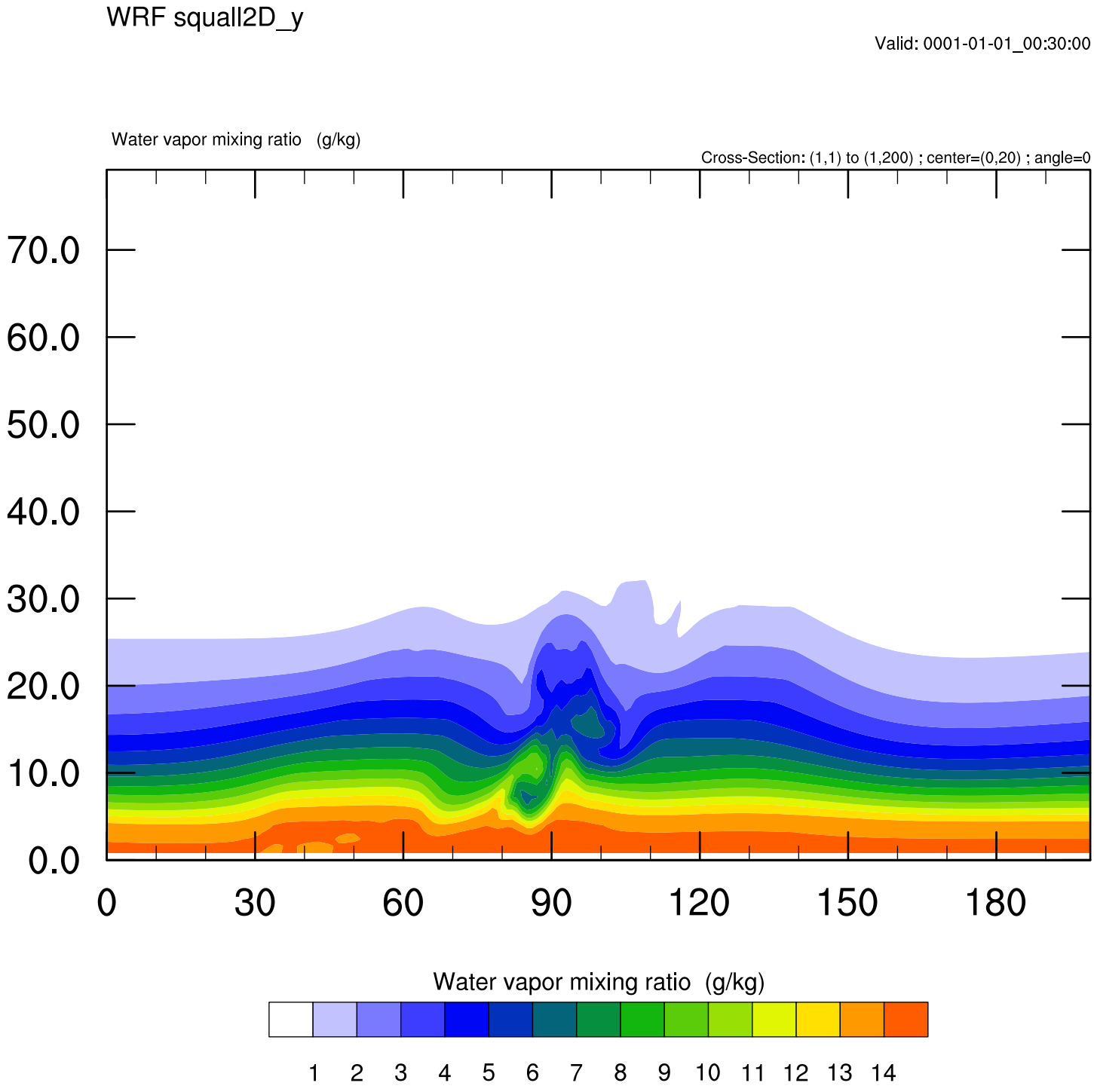

WRF squall2D_y
Valid: 0001-01-01_00:10:00
z-wind component (m s-1)
Plane-Tangent Velocity (m/s)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Plane-Tangent Velocity Contours: -16 to 8 by 2
z-wind component (m s-1)
-10 -8 -6 -4 -2 0 2 4 6 8 10


WRF squall2D_y
Valid: 0001-01-01_00:20:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
.4
Rain water mixing ratio Contours: .4 to 5.2 by .4
Cloud water mixing ratio (g/kg)
.25 .5 .75 1 1.25 1.5 1.75 2 2.25 2.5 2.75 3 3.25


WRF squall2D_y
Valid: 0001-01-01_00:20:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14

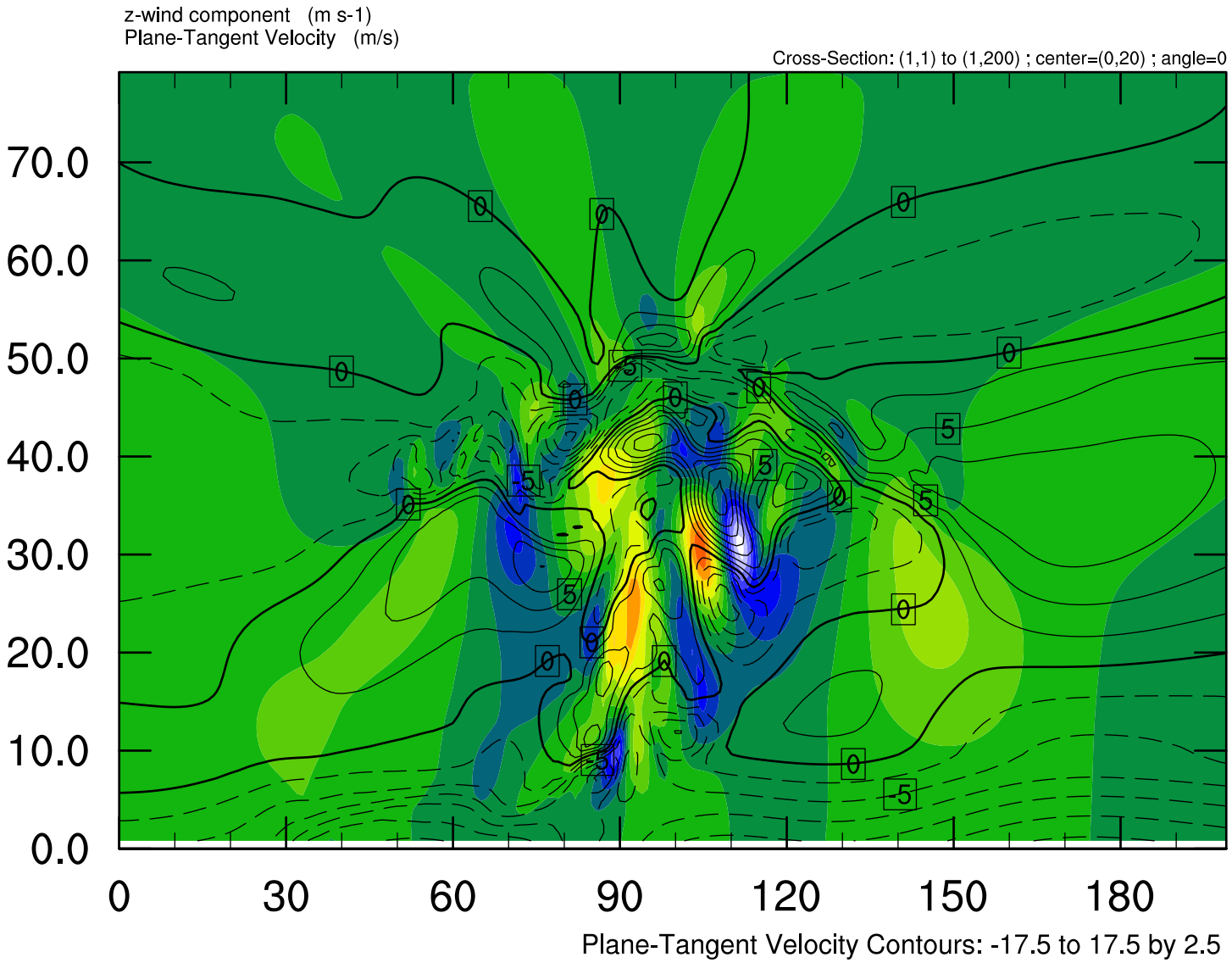

WRF squall2D_y
Valid: 0001-01-01_00:20:00
z-wind component (m s-1)
Plane-Tangent Velocity (m/s)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Plane-Tangent Velocity Contours: -16 to 20 by 4
z-wind component (m s-1)
-16 -12 -8 -4 0 4 8 12 16 20 24 28 32

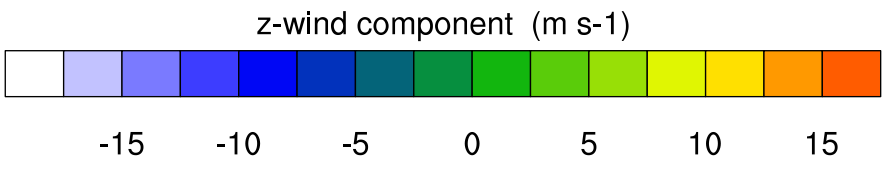

WRF squall2D_y
Valid: 0001-01-01_00:30:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
.4
1.2
Rain water mixing ratio Contours: .4 to 4.8 by .4
Cloud water mixing ratio (g/kg)
.1 .2 .3 .4 .5 .6 .7 .8 .9 1 1.1 1.2 1.3 1.4 1.5

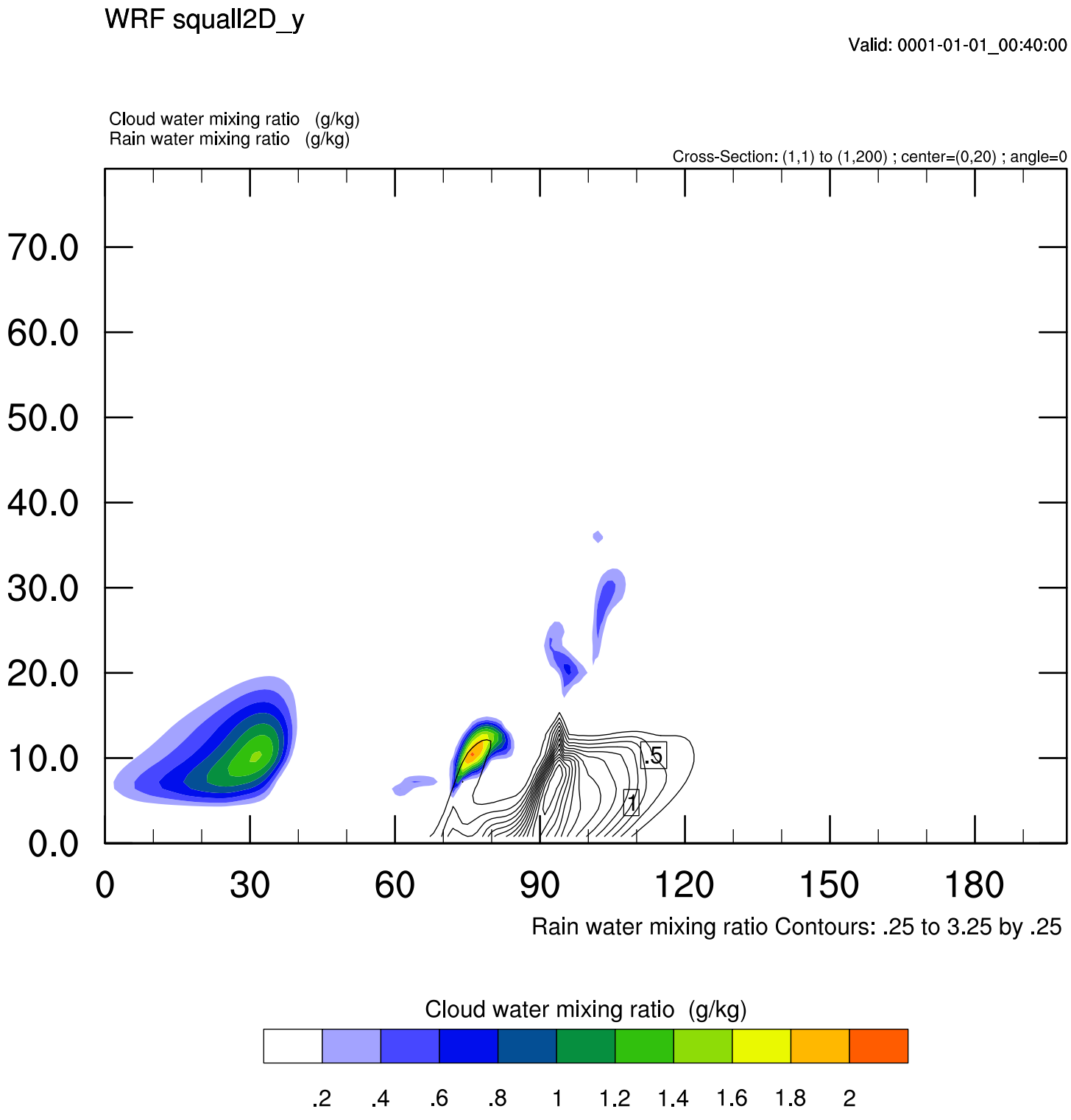

WRF squall2D_y
Valid: 0001-01-01_00:30:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14

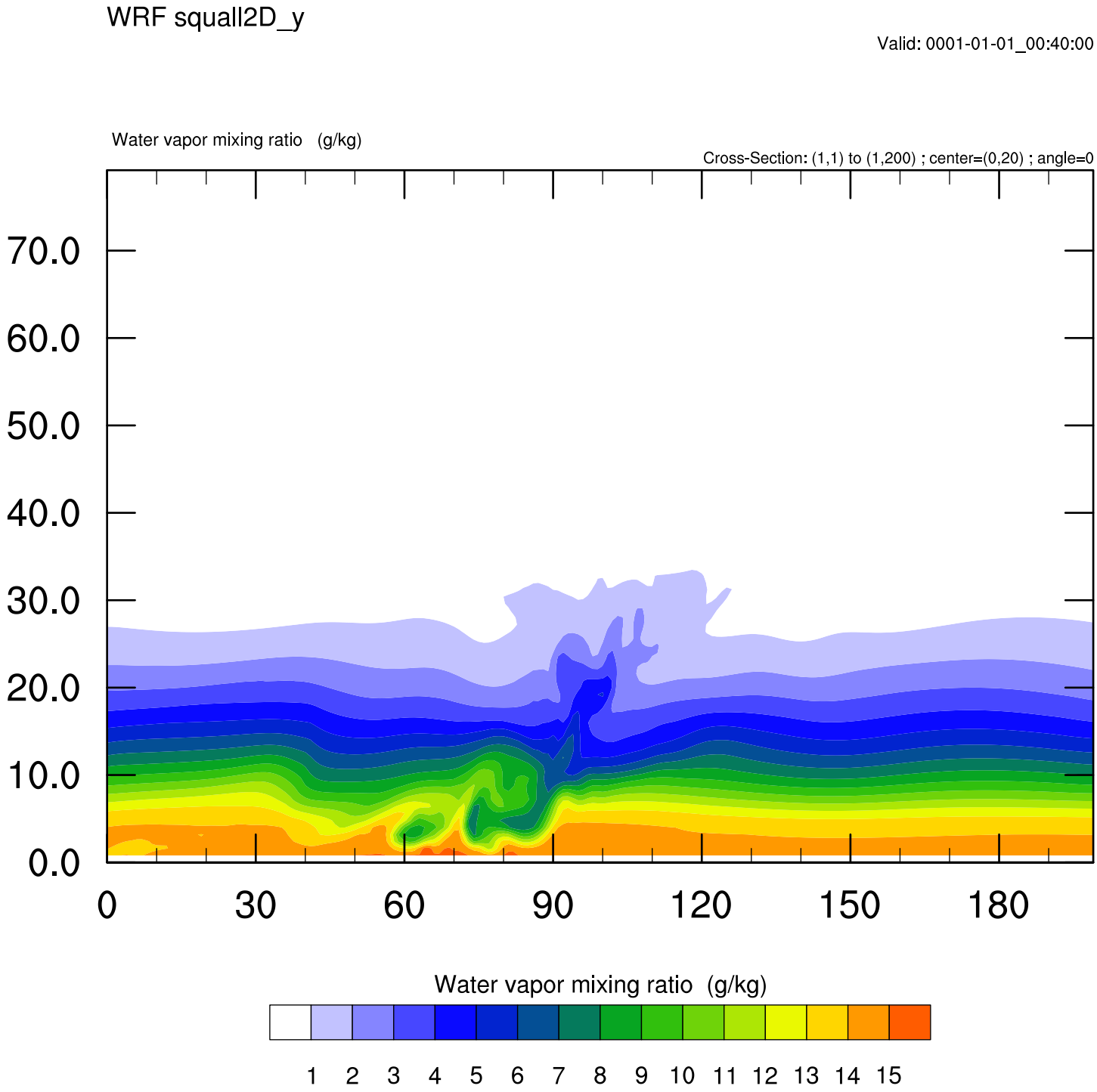
WRF squall2D_y

Valid: 0001-01-01_00:30:00






WRF squall2D_y
Valid: 0001-01-01_00:40:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
.5
1
Rain water mixing ratio Contours: .25 to 3.25 by .25
Cloud water mixing ratio (g/kg)
.2
.4
.6
.8
1
1.2
1.4
1.6
1.8
2

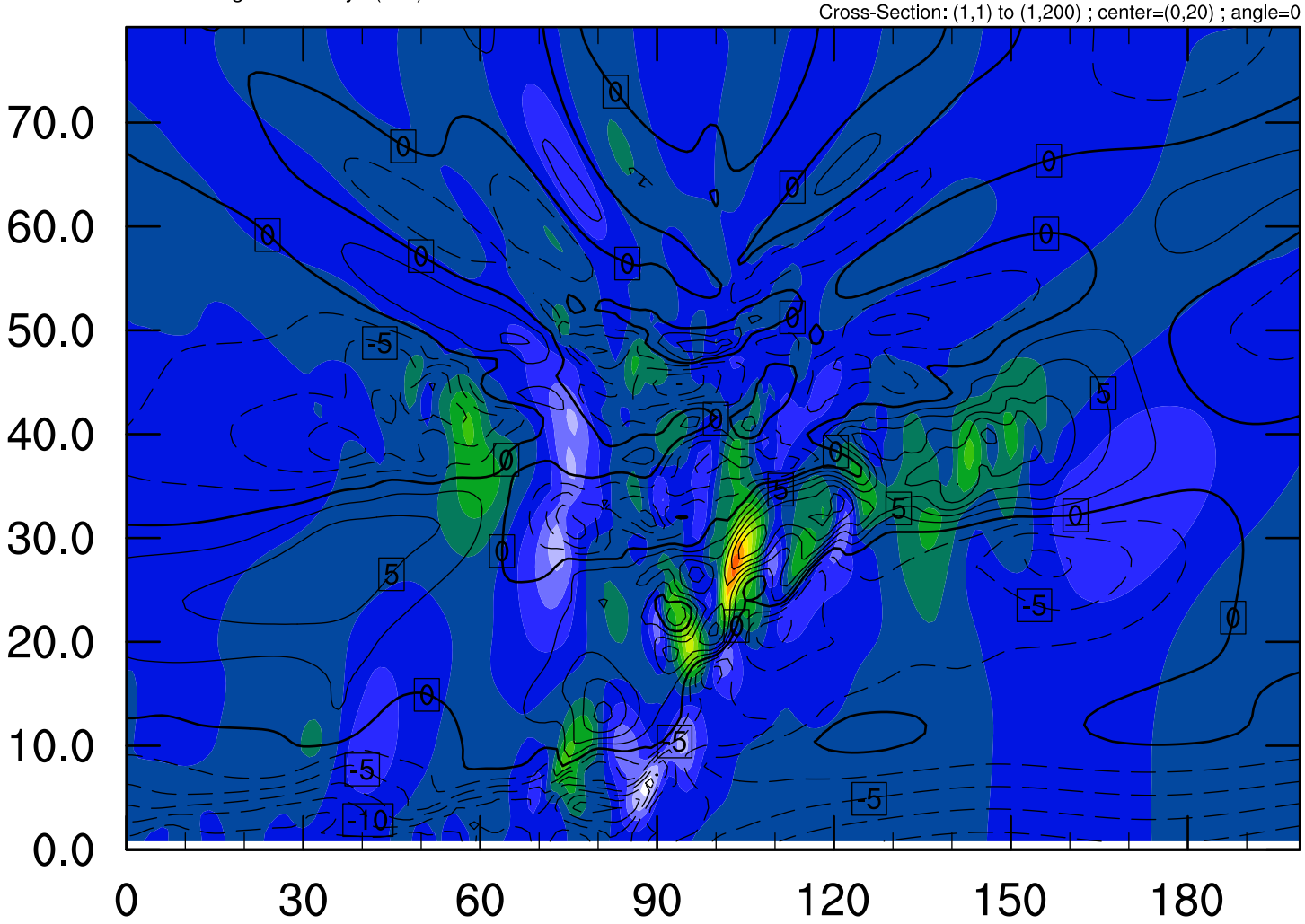

WRF squall2D_y
Valid: 0001-01-01_00:40:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

WRF squall2D_y

Valid: 0001-01-01_00:40:00

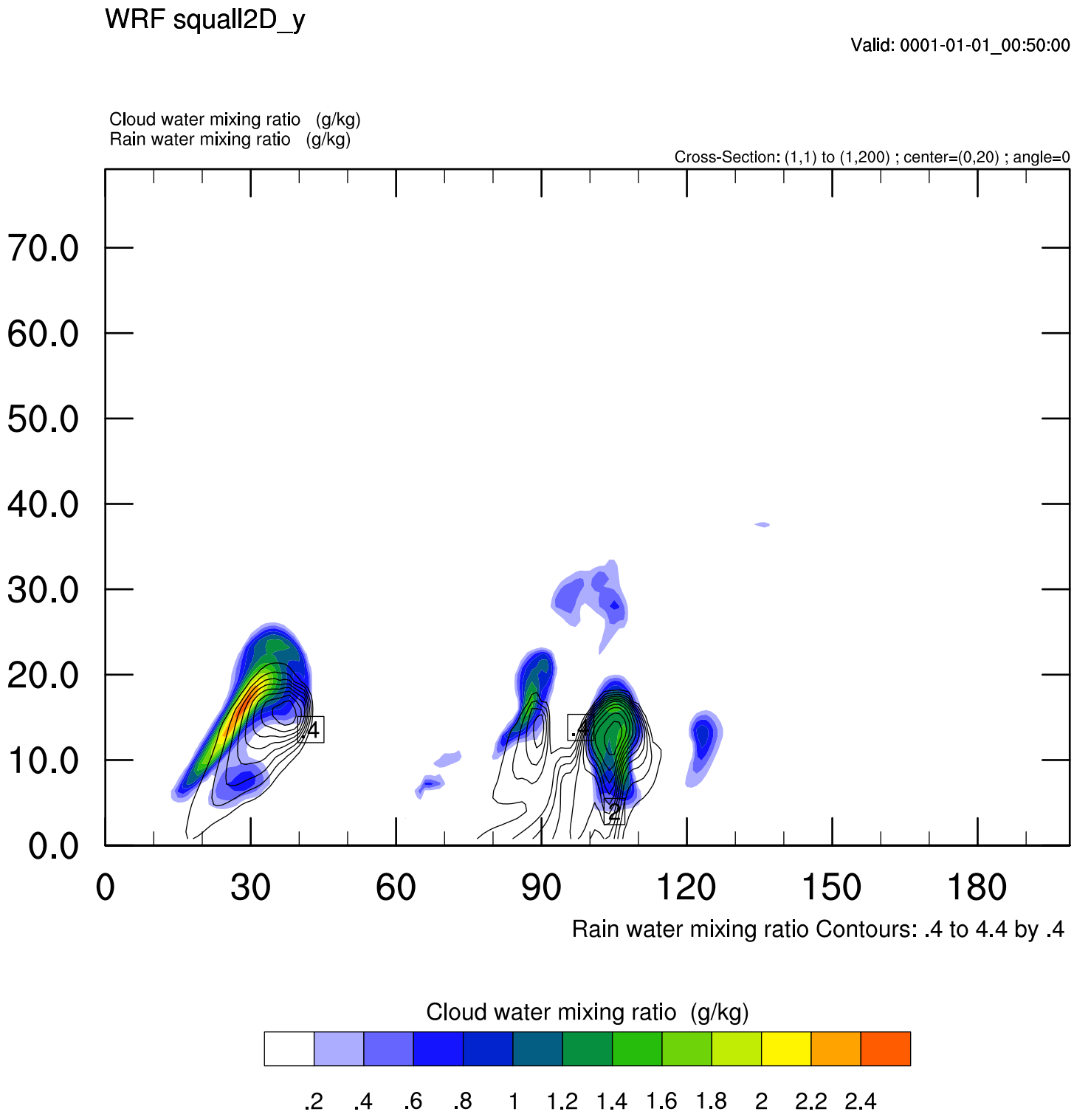
z-wind component (m s-1)
Plane-Tangent Velocity (m/s)

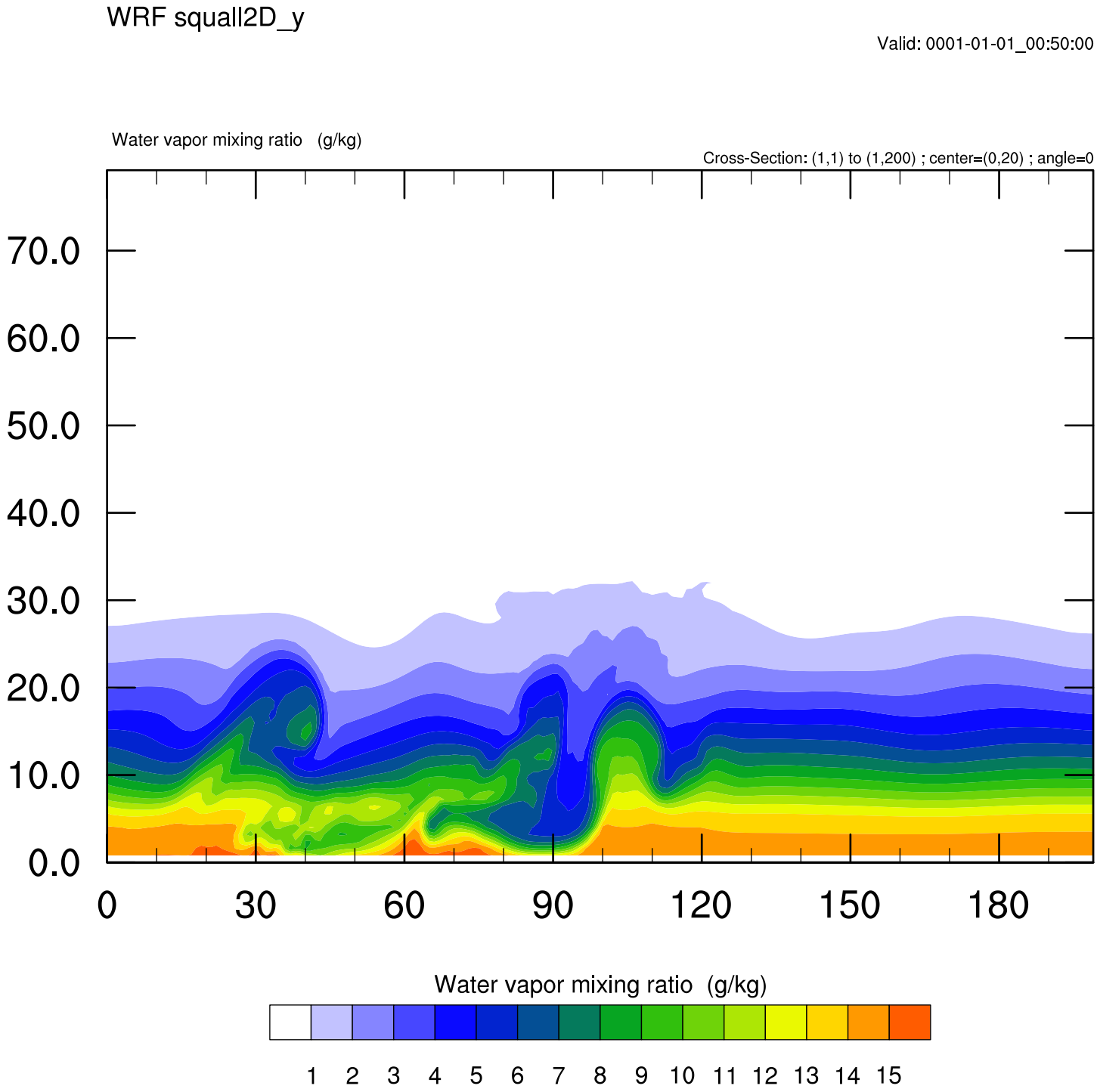
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0

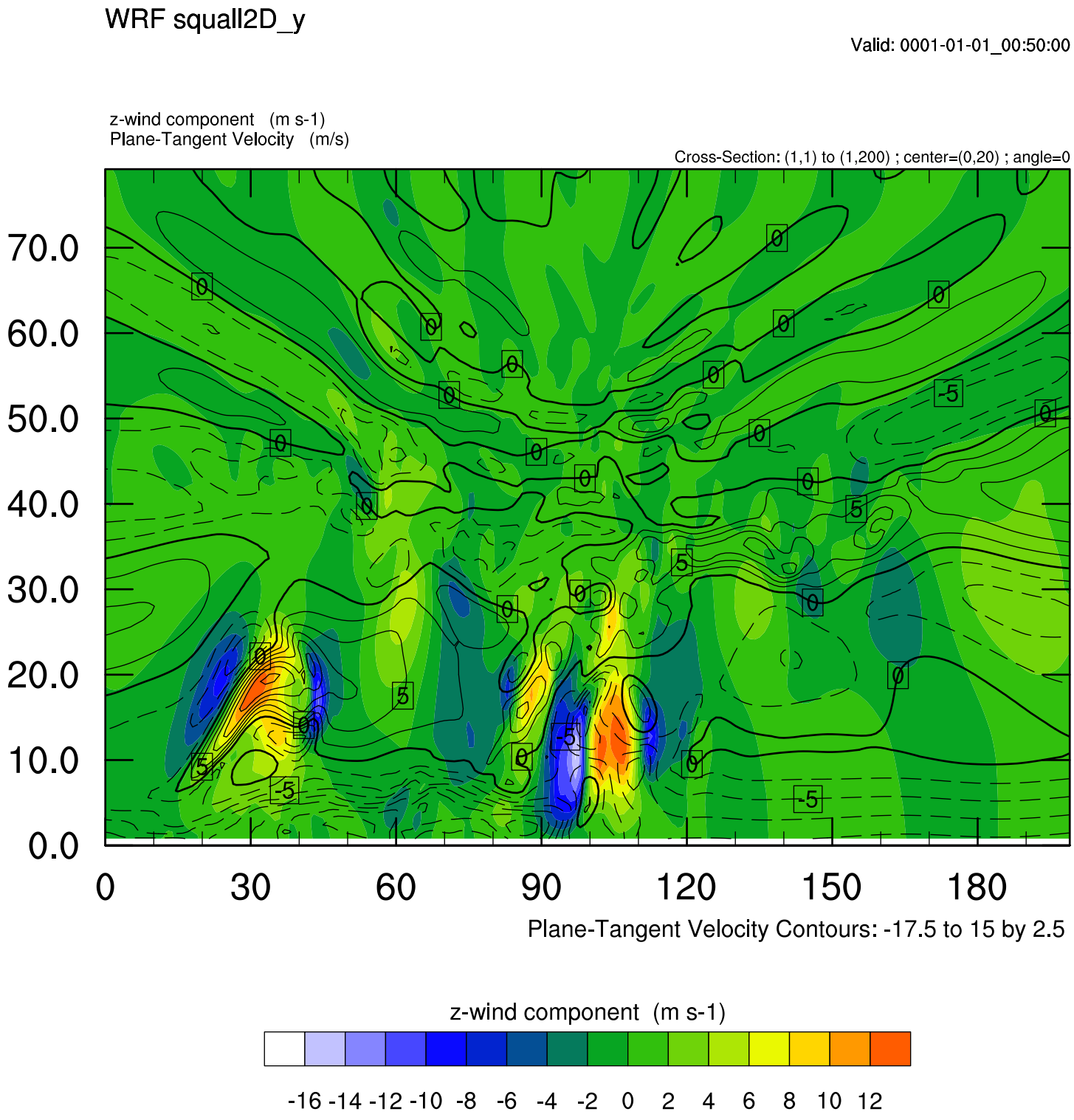


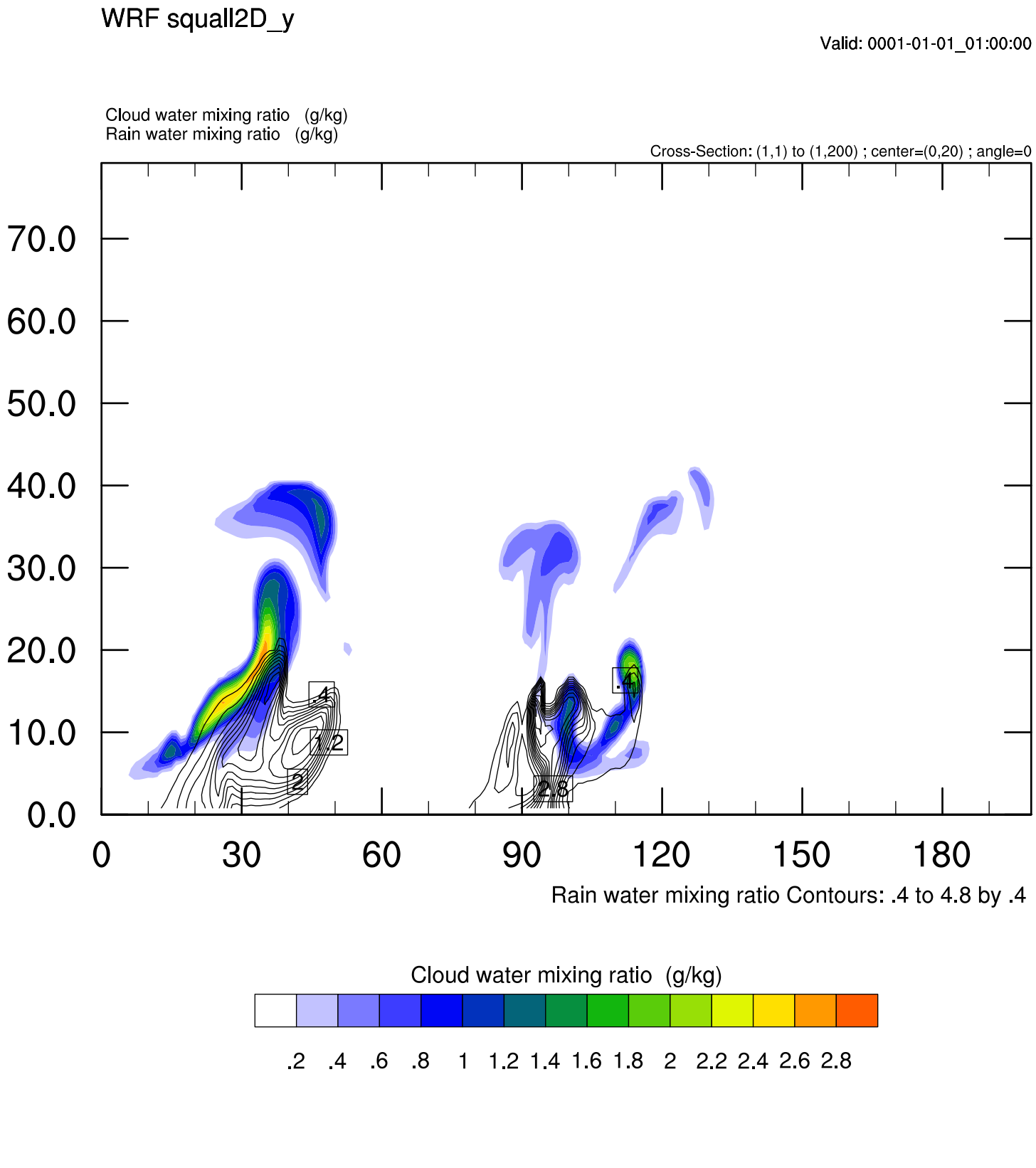
Plane-Tangent Velocity Contours: -17.5 to 12.5 by 2.5

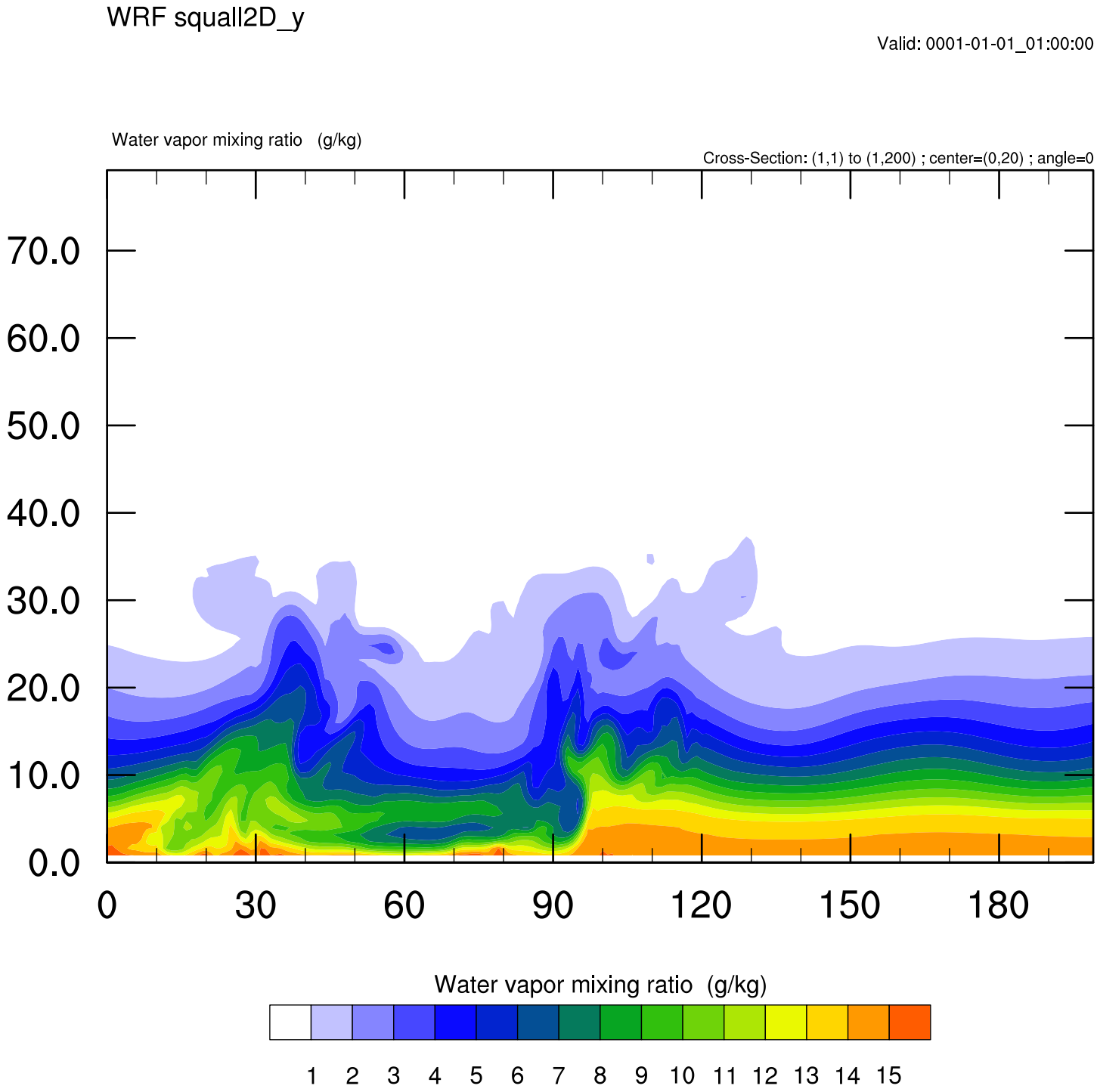
z-wind component (m s-1)

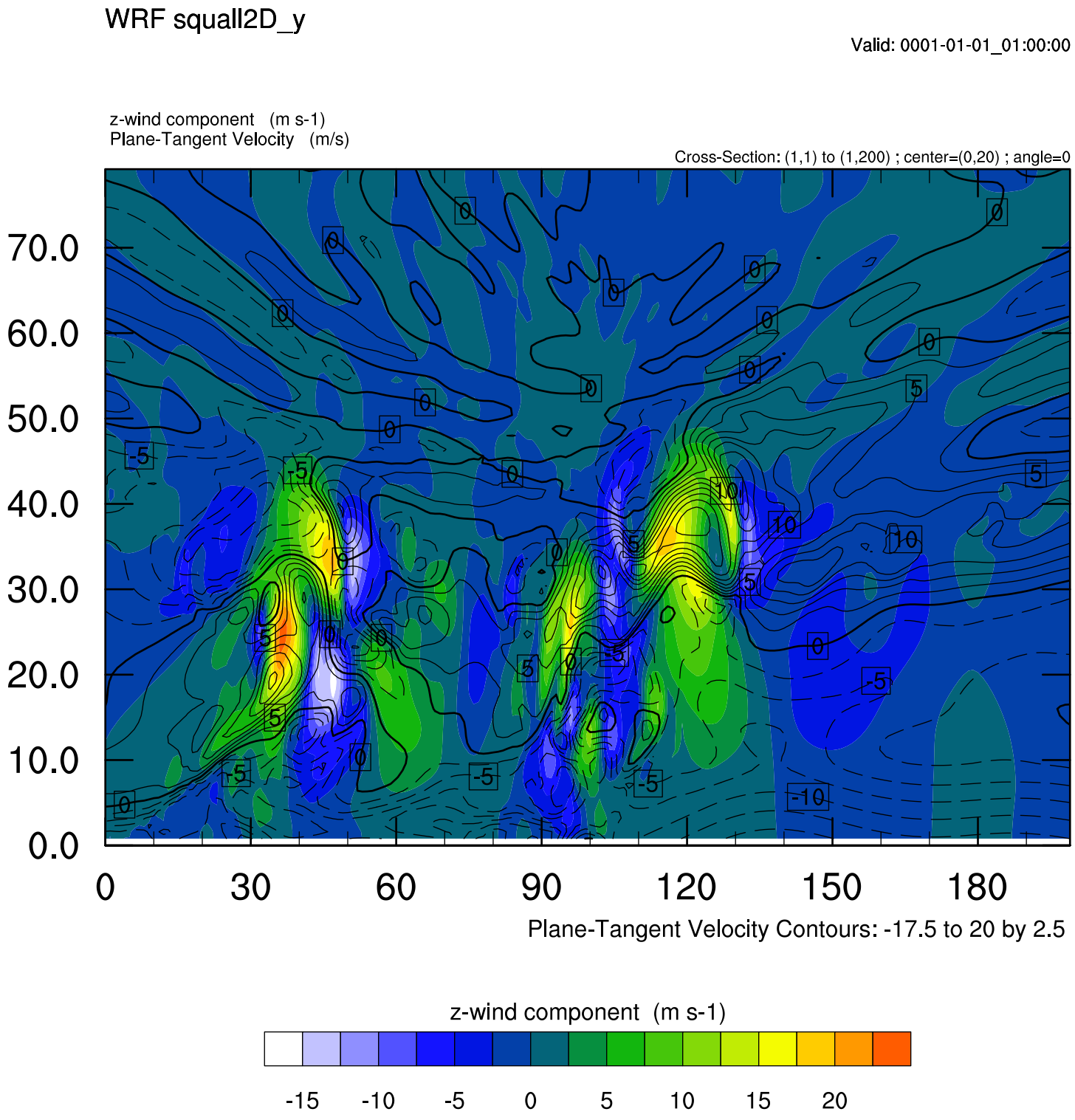

WRF squall2D_y
Valid: 0001-01-01_00:50:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
.4
.4
2
Rain water mixing ratio Contours: .4 to 4.4 by .4
Cloud water mixing ratio (g/kg)
.2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 2.2 2.4


WRF squall2D_y
Valid: 0001-01-01_00:50:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15


WRF squall2D_y
Valid: 0001-01-01_00:50:00
z-wind component (m s-1)
Plane-Tangent Velocity (m/s)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Plane-Tangent Velocity Contours: -17.5 to 15 by 2.5
z-wind component (m s-1)
-16 -14 -12 -10 -8 -6 -4 -2 0 2 4 6 8 10 12


WRF squall2D_y
Valid: 0001-01-01_01:00:00
Cloud water mixing ratio (g/kg)
Rain water mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
.4
1.2
2
.4
2.8
Rain water mixing ratio Contours: .4 to 4.8 by .4
Cloud water mixing ratio (g/kg)
.2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 2.2 2.4 2.6 2.8


WRF squall2D_y
Valid: 0001-01-01_01:00:00
Water vapor mixing ratio (g/kg)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Water vapor mixing ratio (g/kg)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15


WRF squall2D_y
Valid: 0001-01-01_01:00:00
z-wind component (m s-1)
Plane-Tangent Velocity (m/s)
Cross-Section: (1,1) to (1,200) ; center=(0,20) ; angle=0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
30
60
90
120
150
180
Plane-Tangent Velocity Contours: -17.5 to 20 by 2.5
z-wind component (m s-1)
-15
-10
-5
0
5
10
15
20