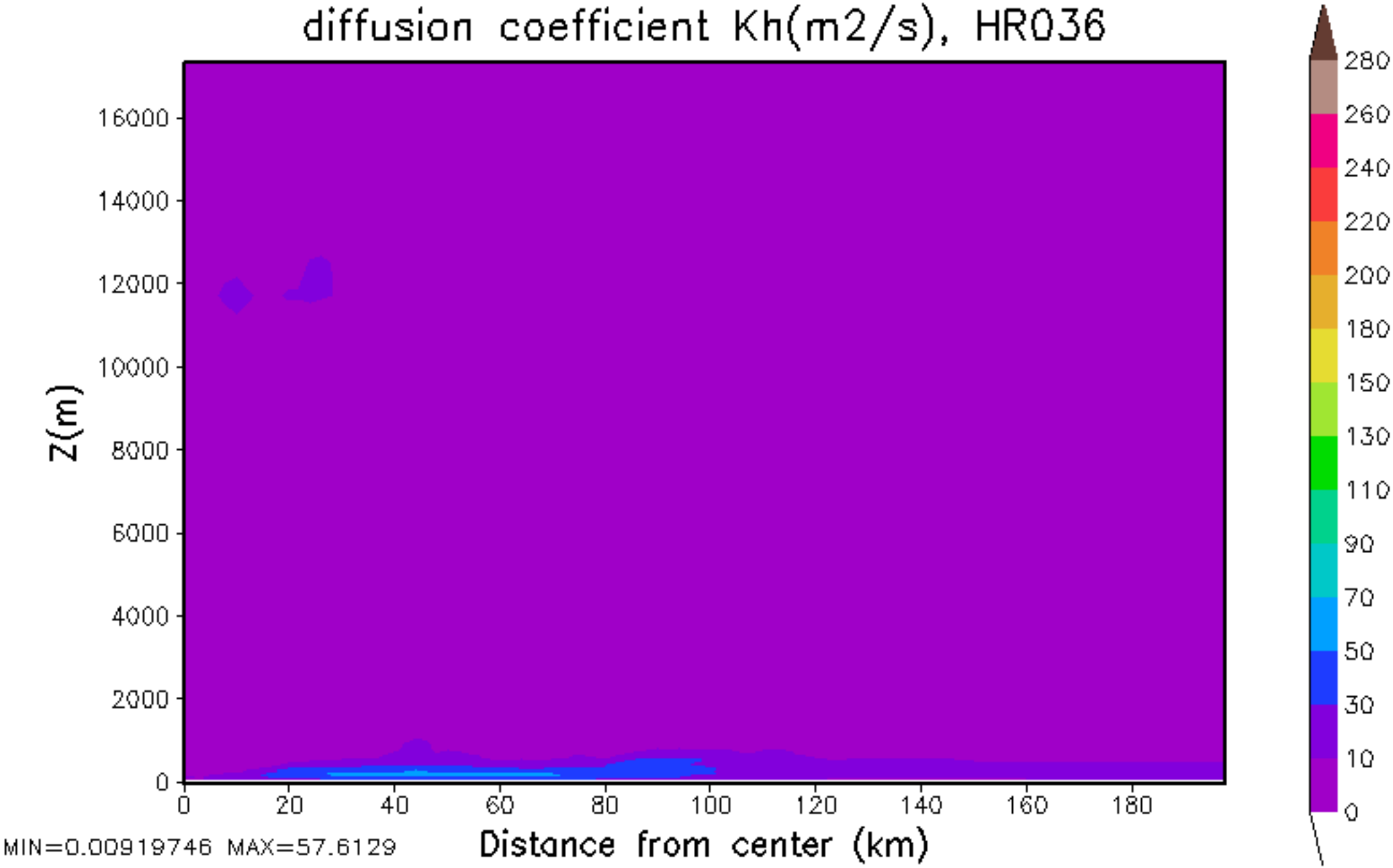
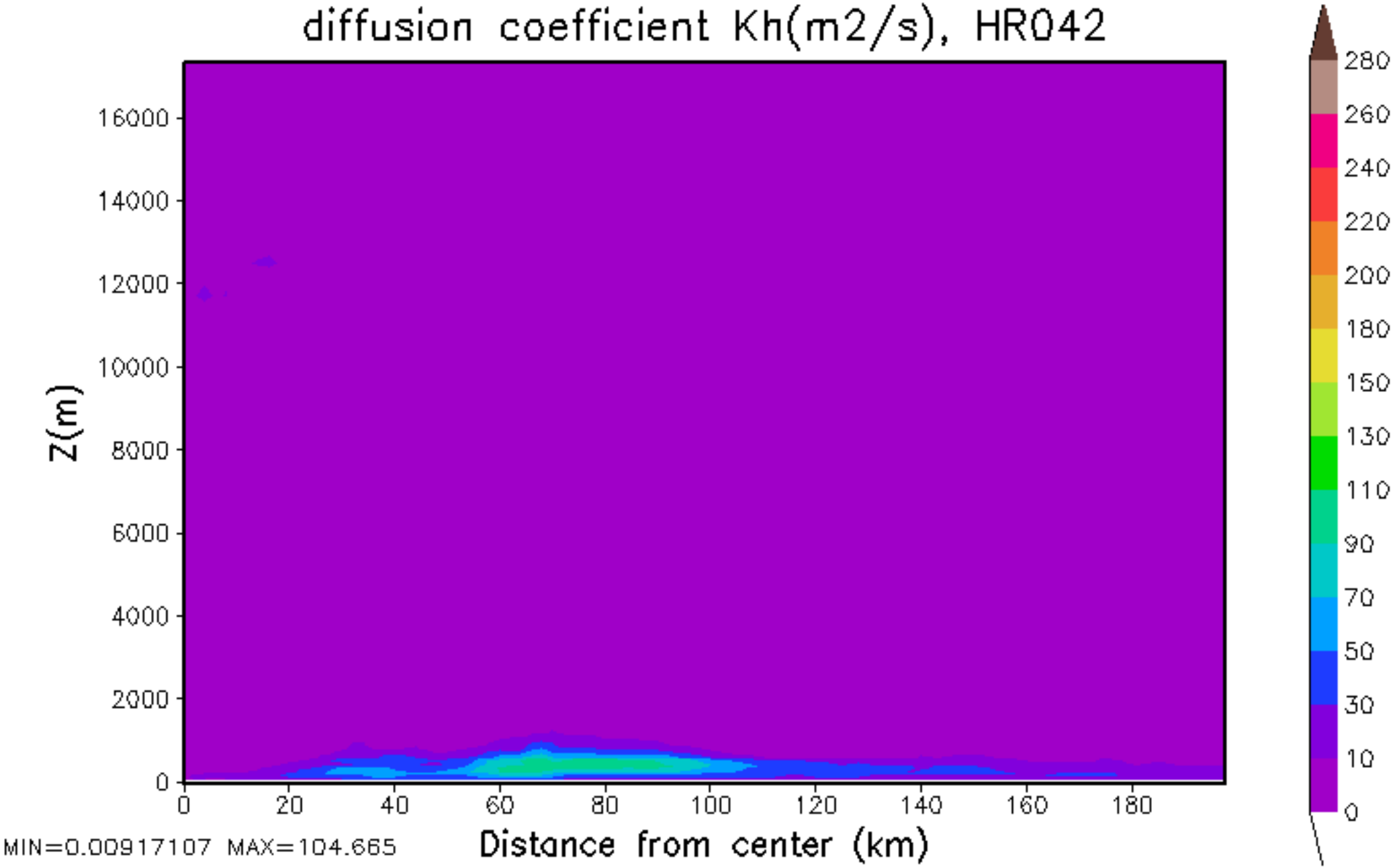
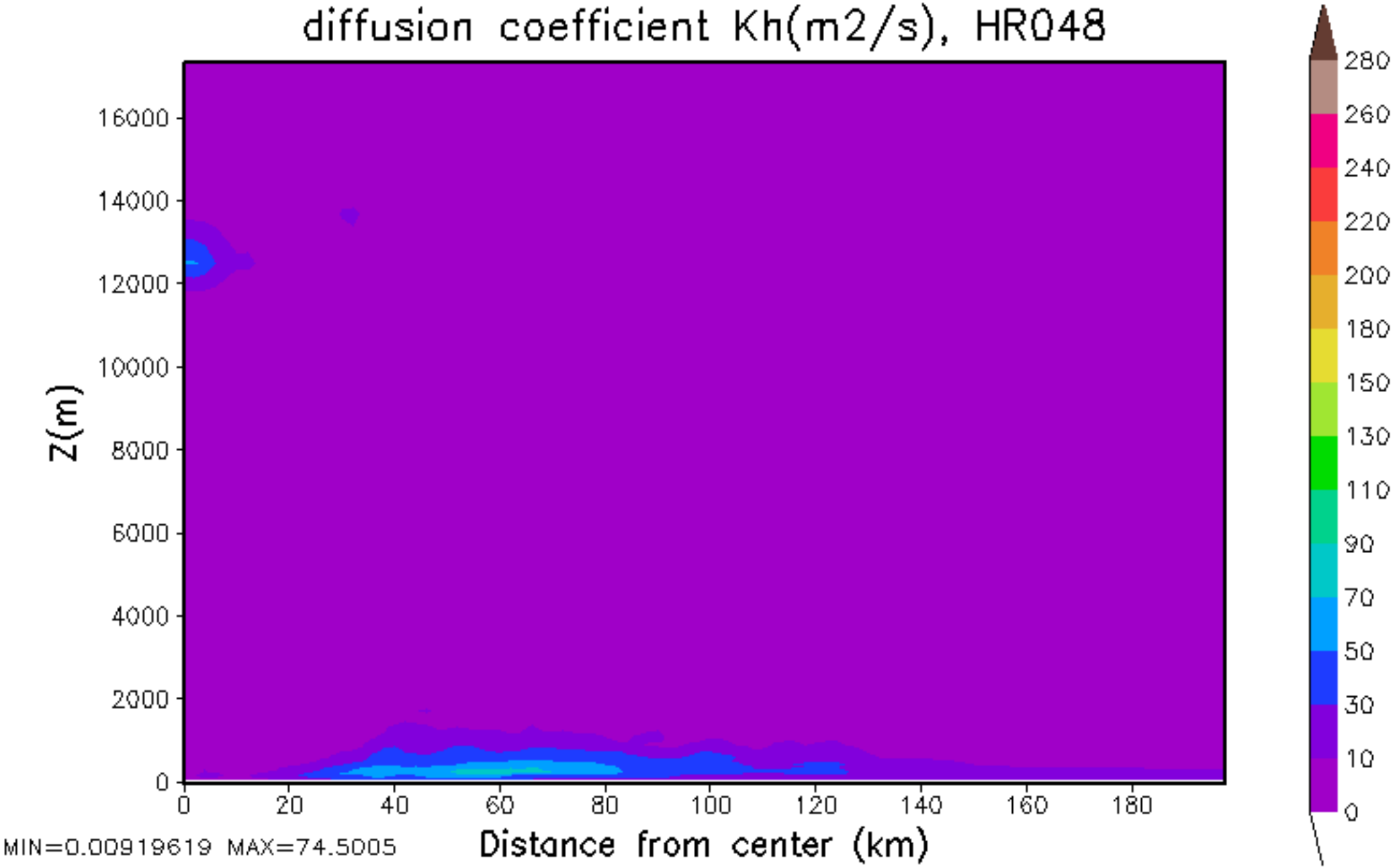
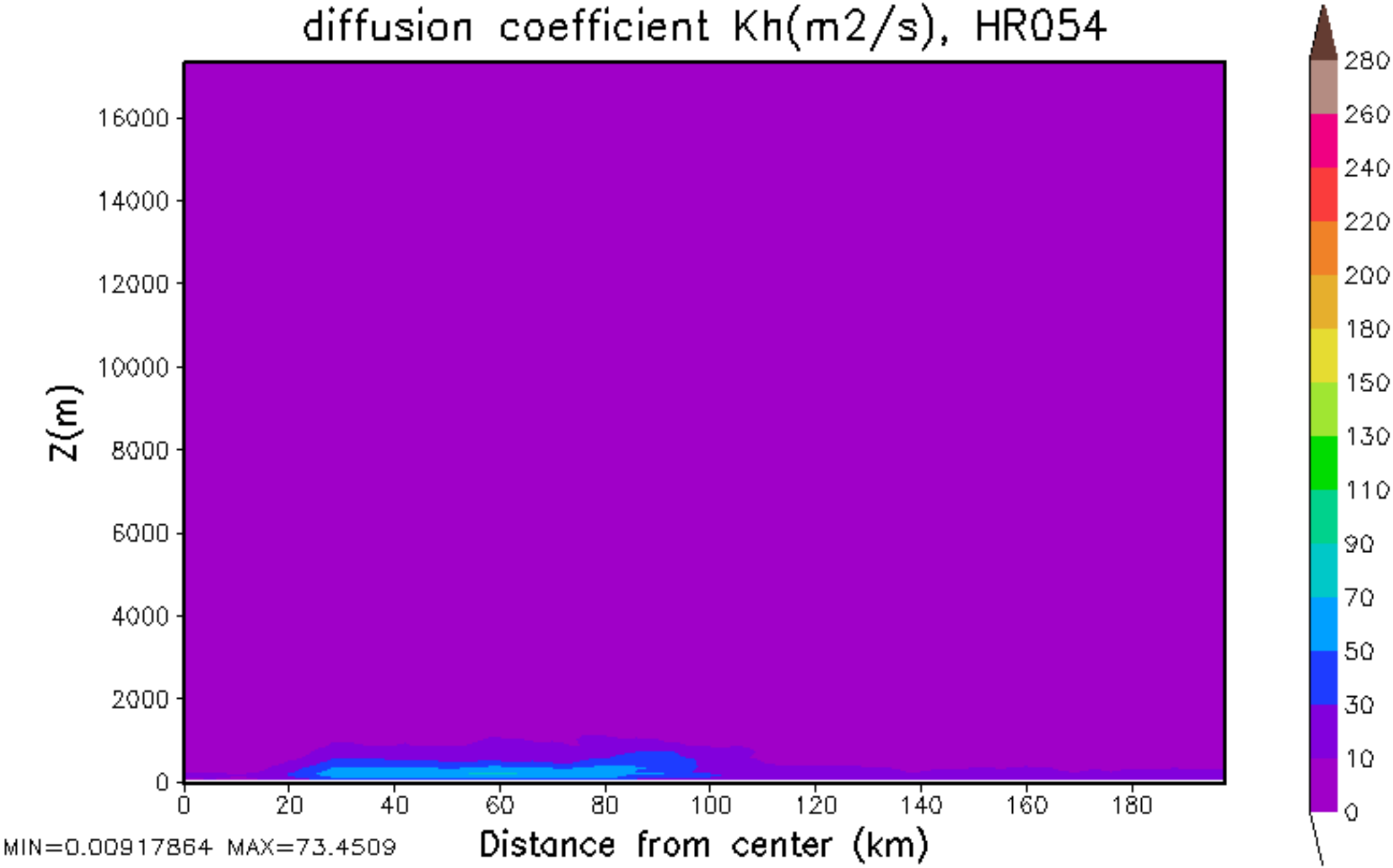
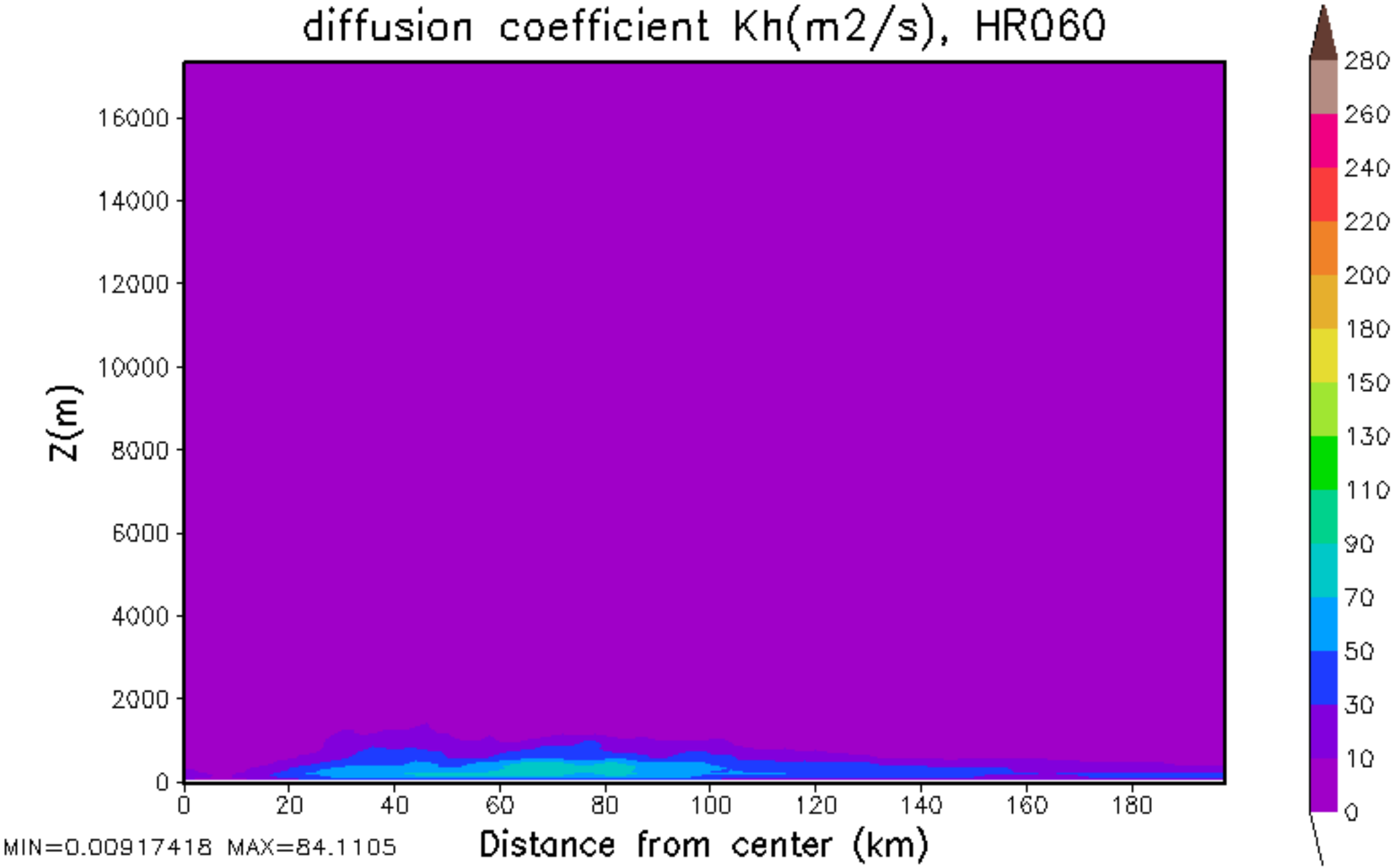
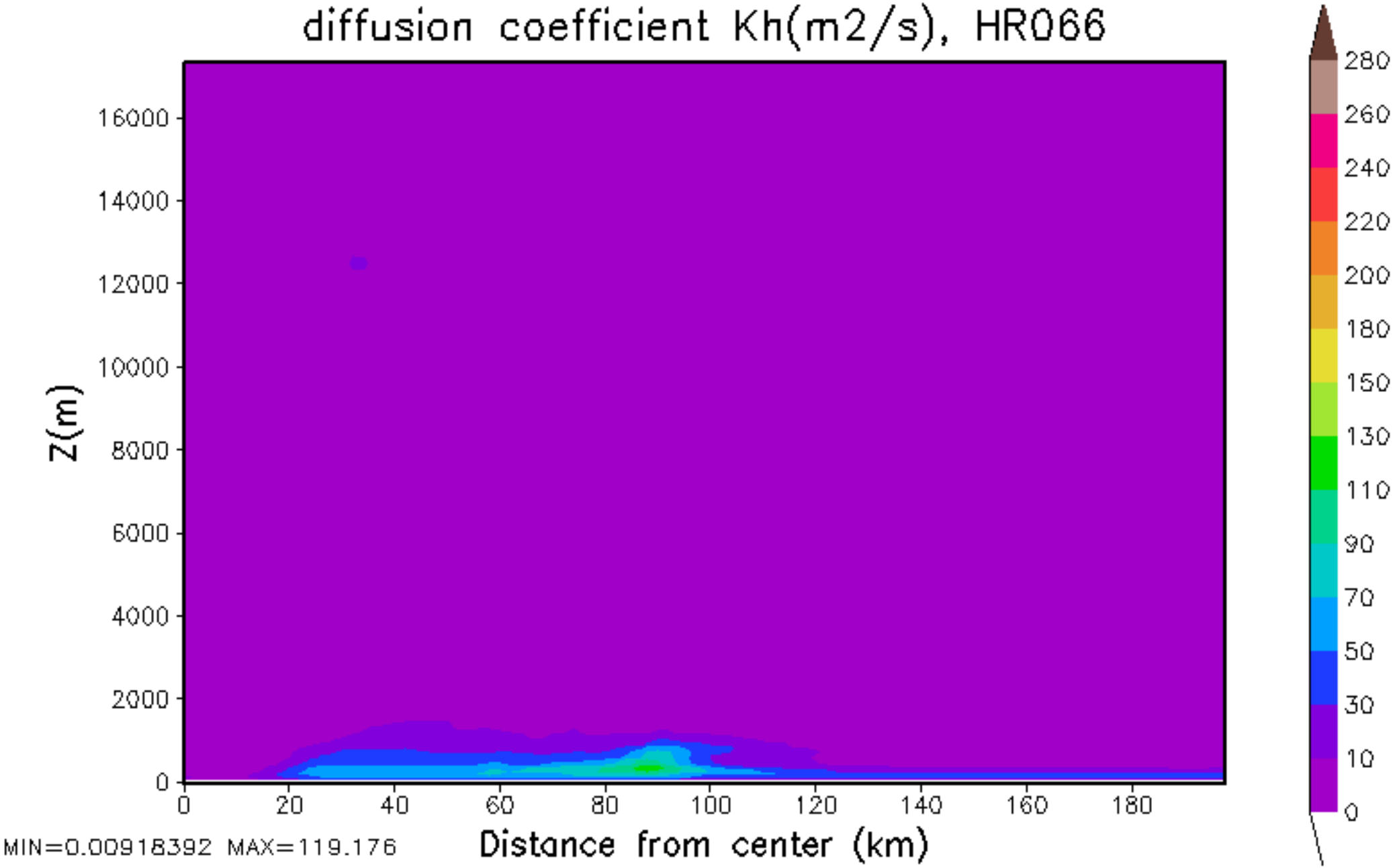

diffusion coefficient Kh(m2/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919746 MAX=57.6129
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

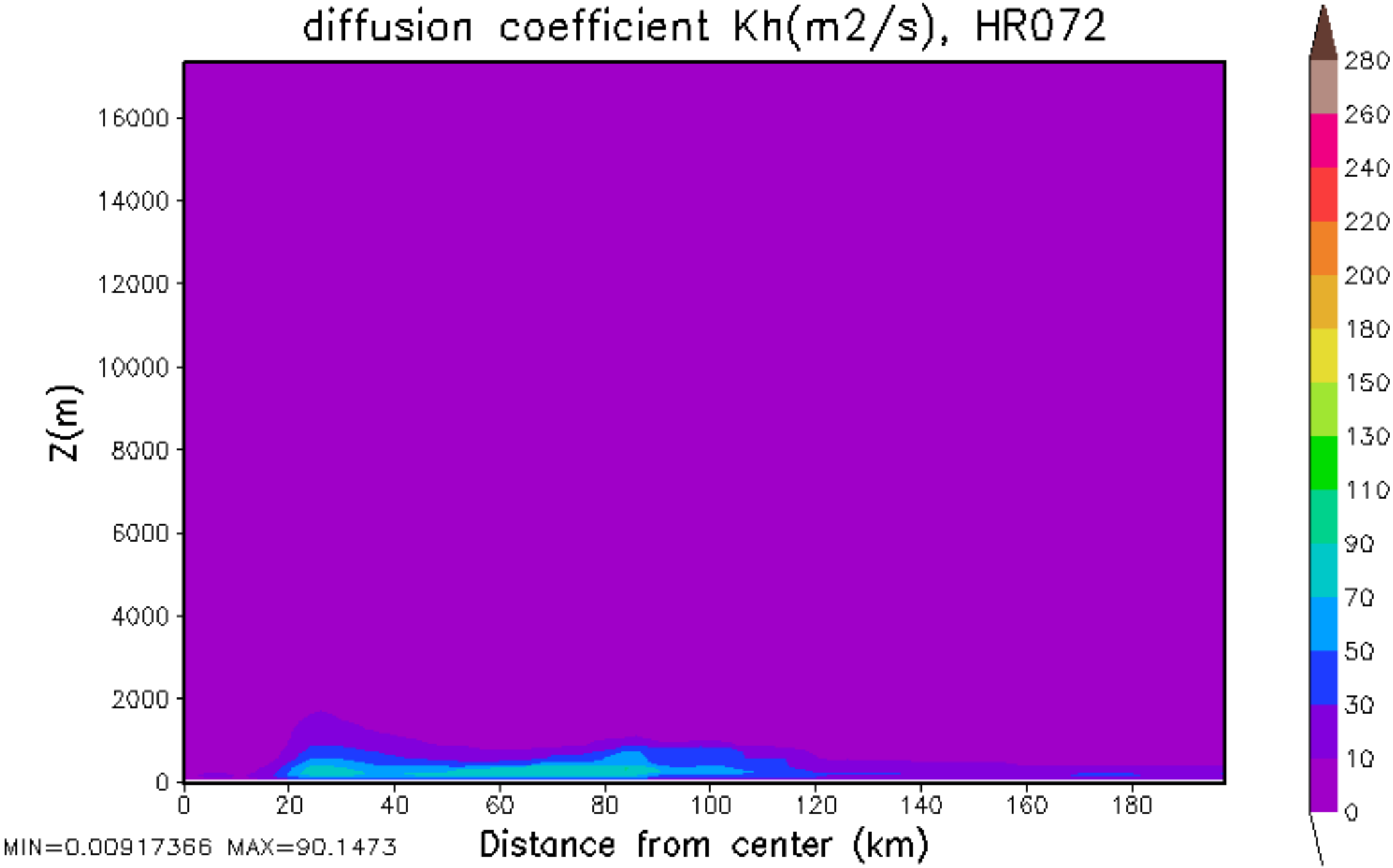

diffusion coefficient Kh(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917107 MAX=104.665
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

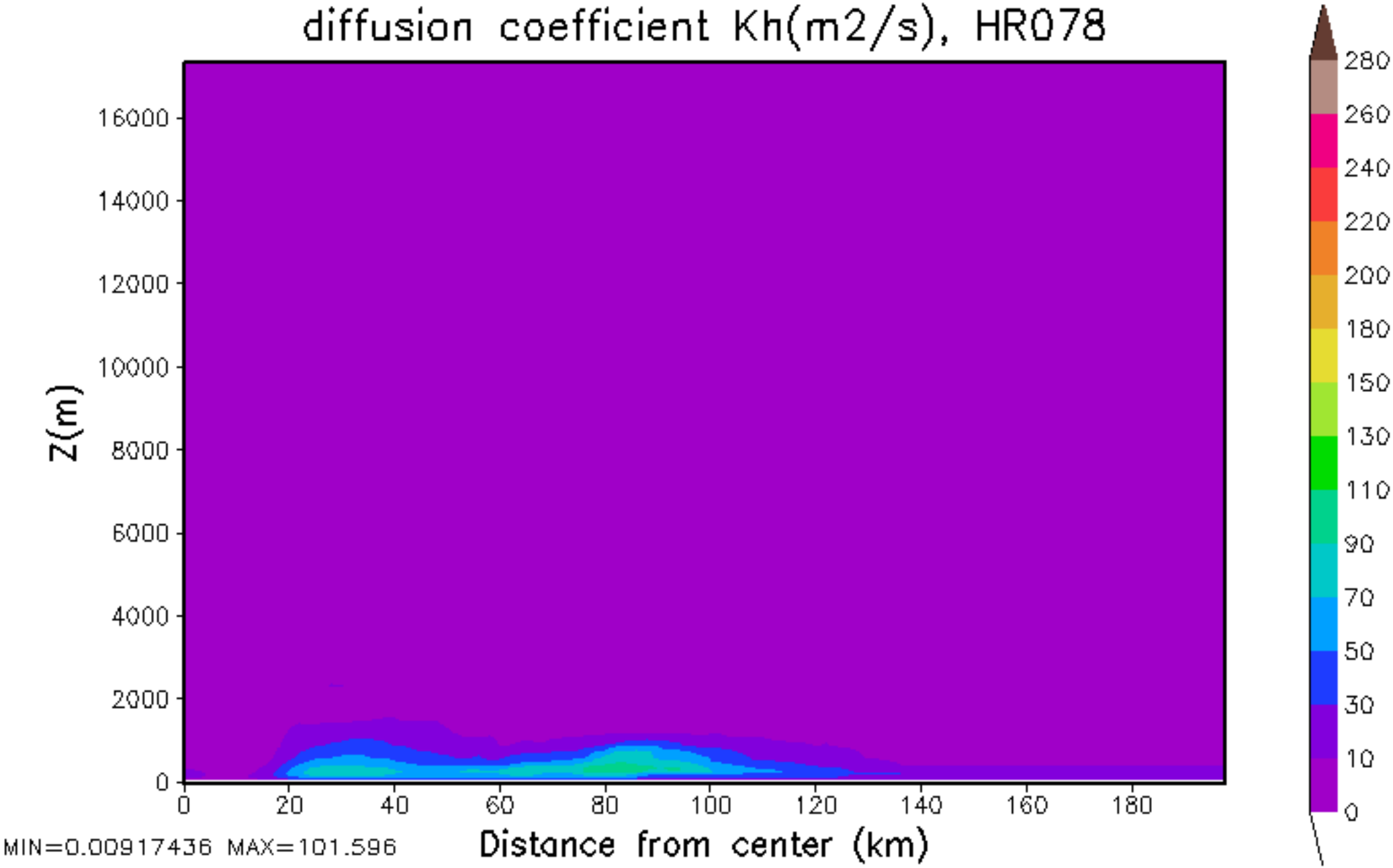

diffusion coefficient Kh(m2/s), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919619 MAX=74.5005
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

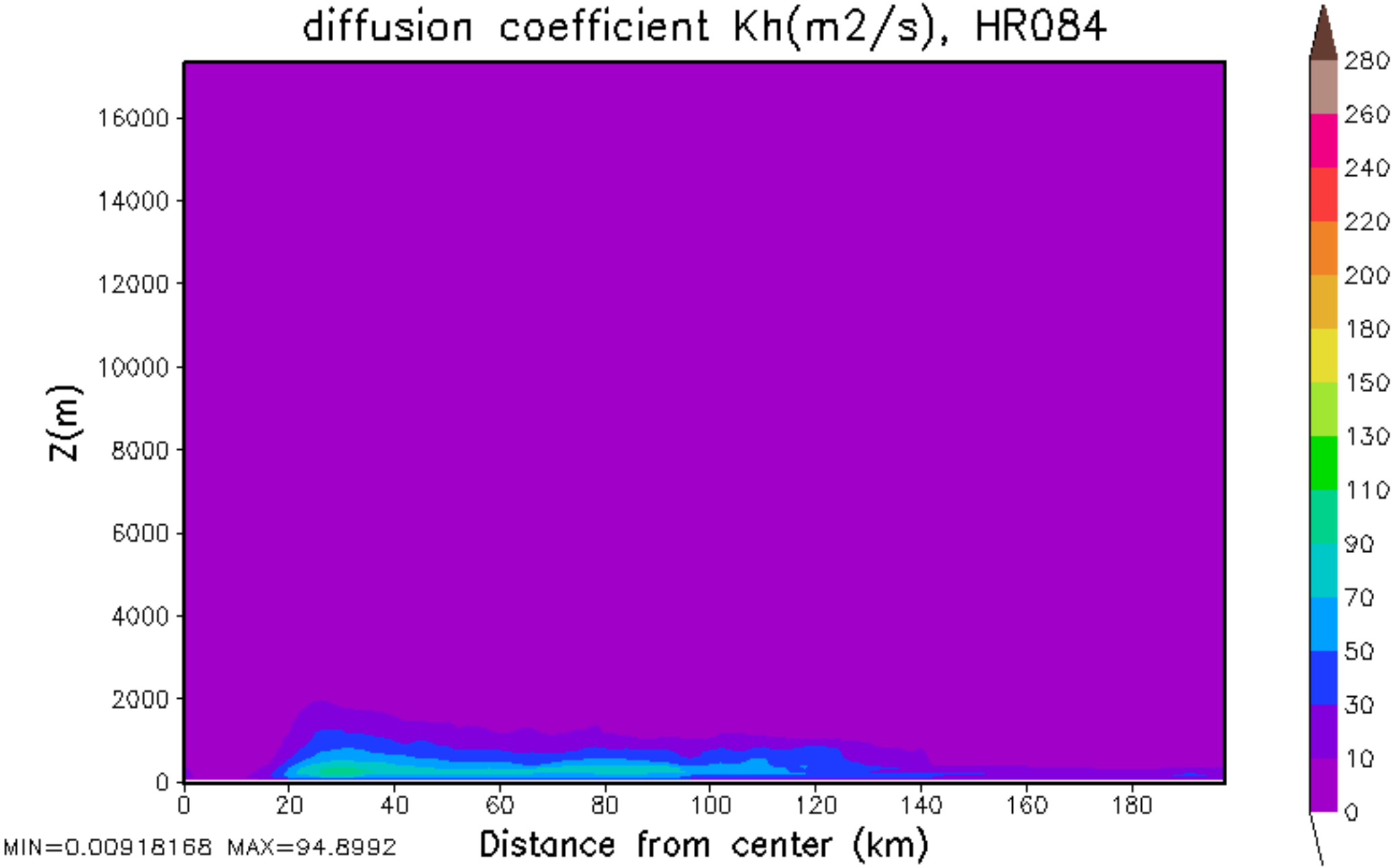

diffusion coefficient Kh(m2/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917864 MAX=73.4509
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

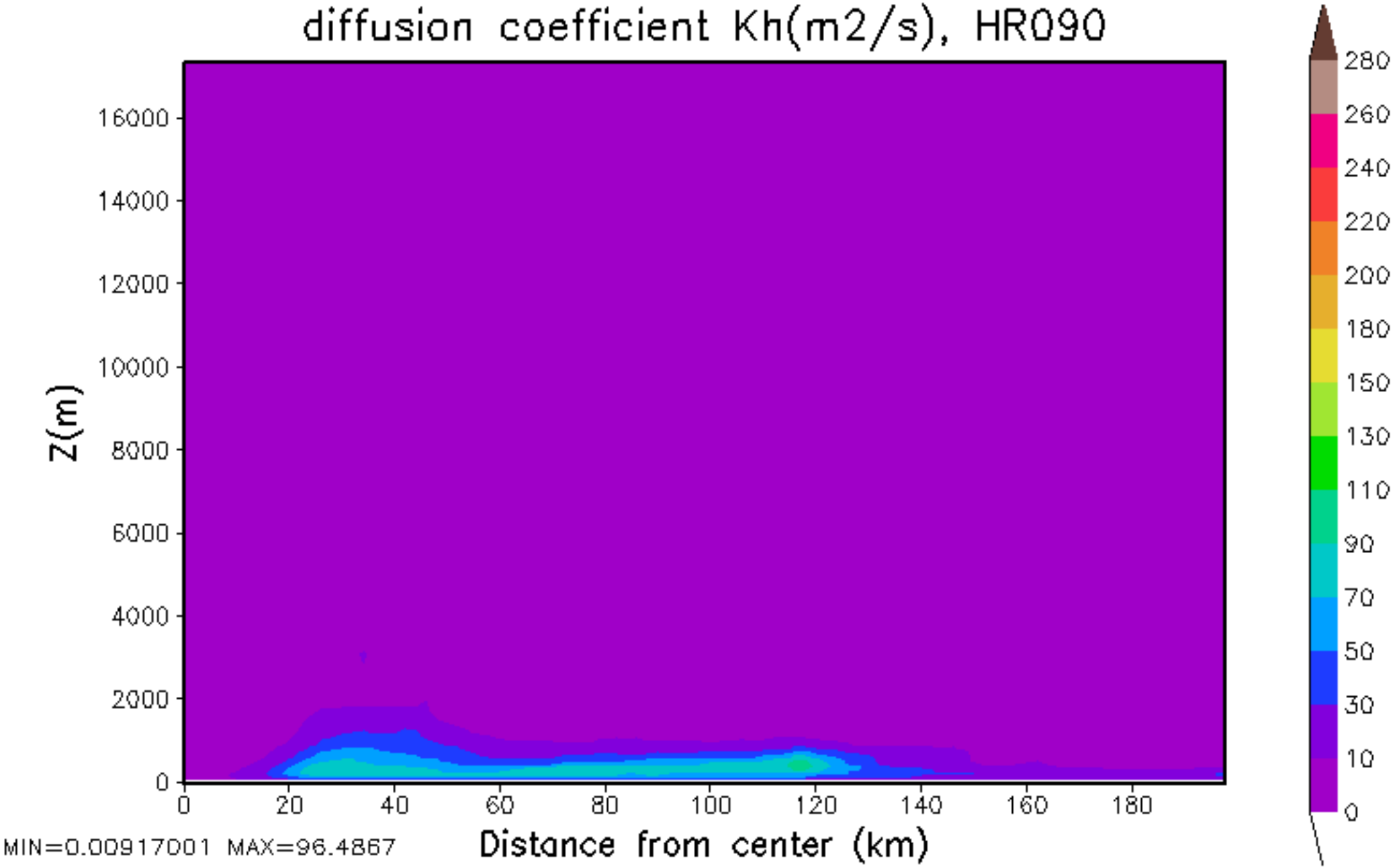

diffusion coefficient Kh(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917418 MAX=84.1105
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

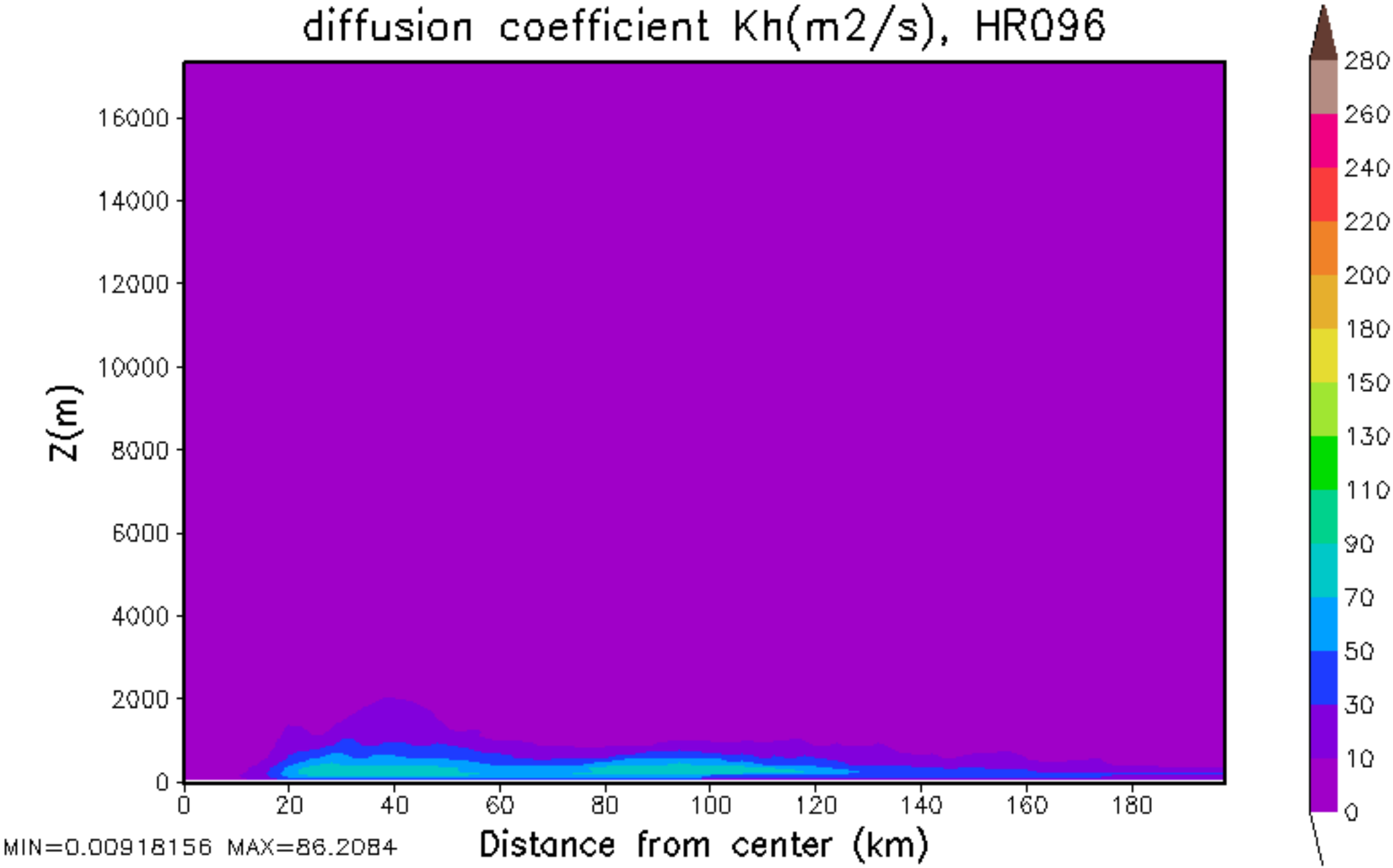

diffusion coefficient Kh(m2/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918392 MAX=119.176
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

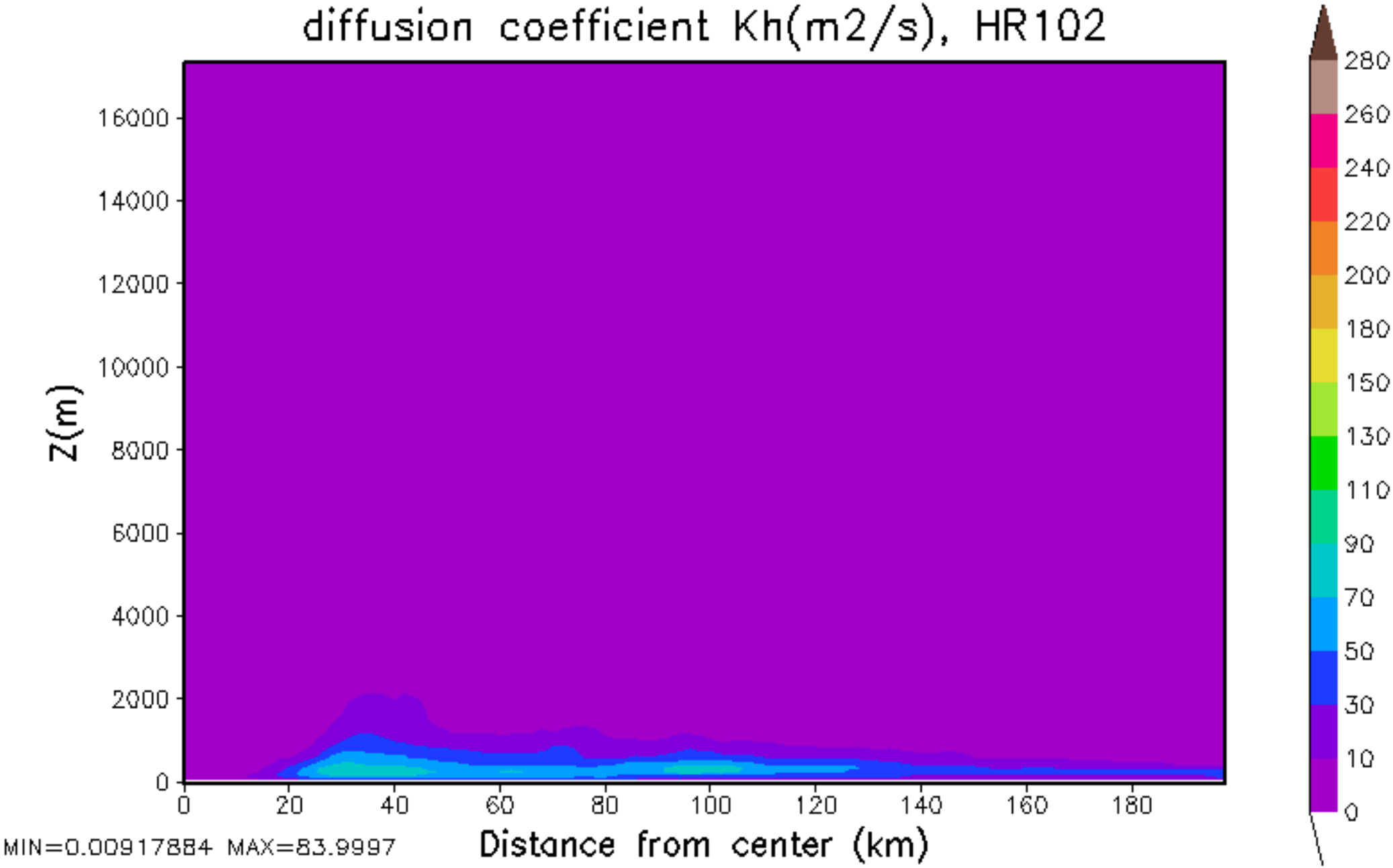

diffusion coefficient Kh(m2/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917366 MAX=90.1473
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

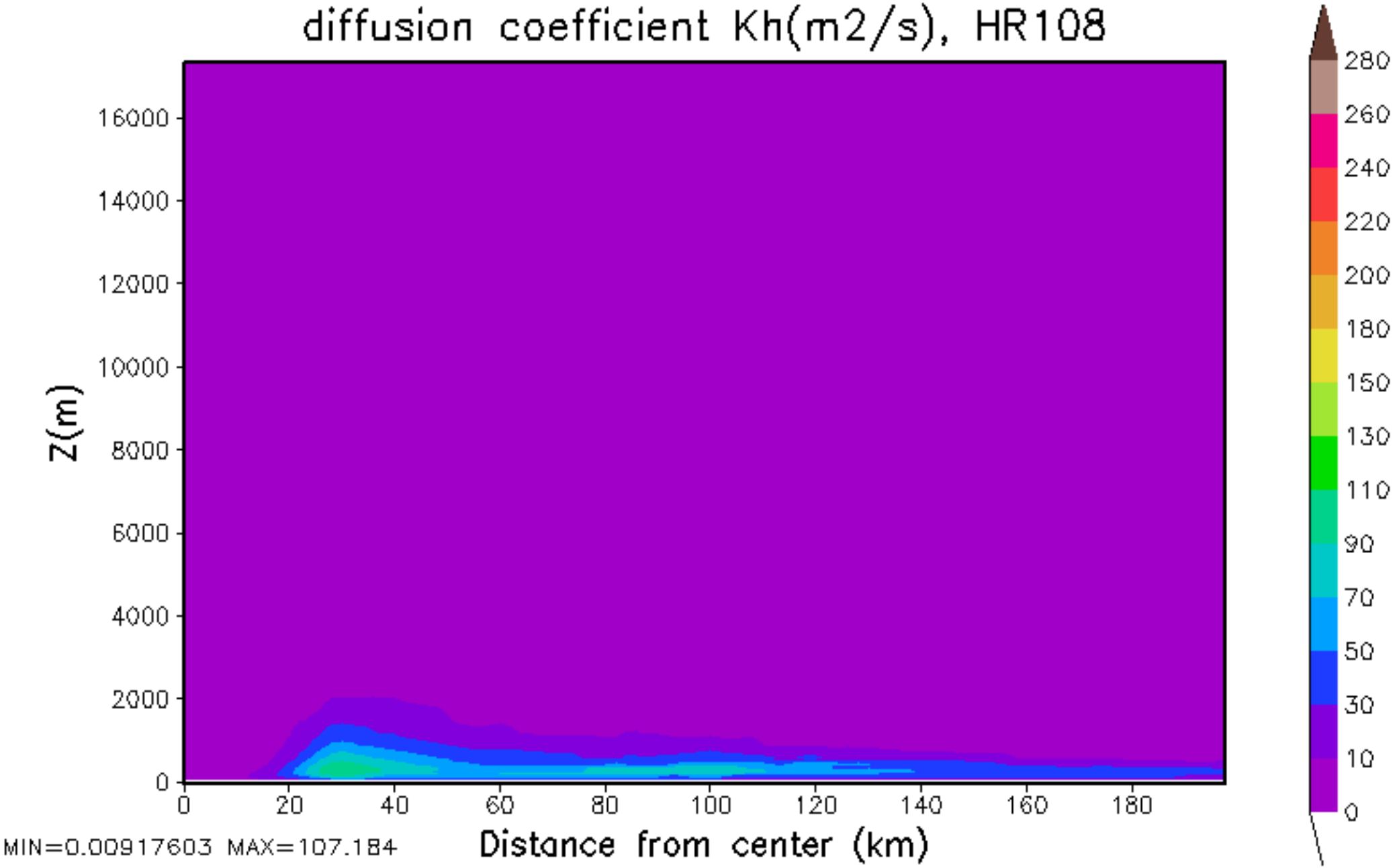

diffusion coefficient Kh(m2/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917436 MAX=101.596
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

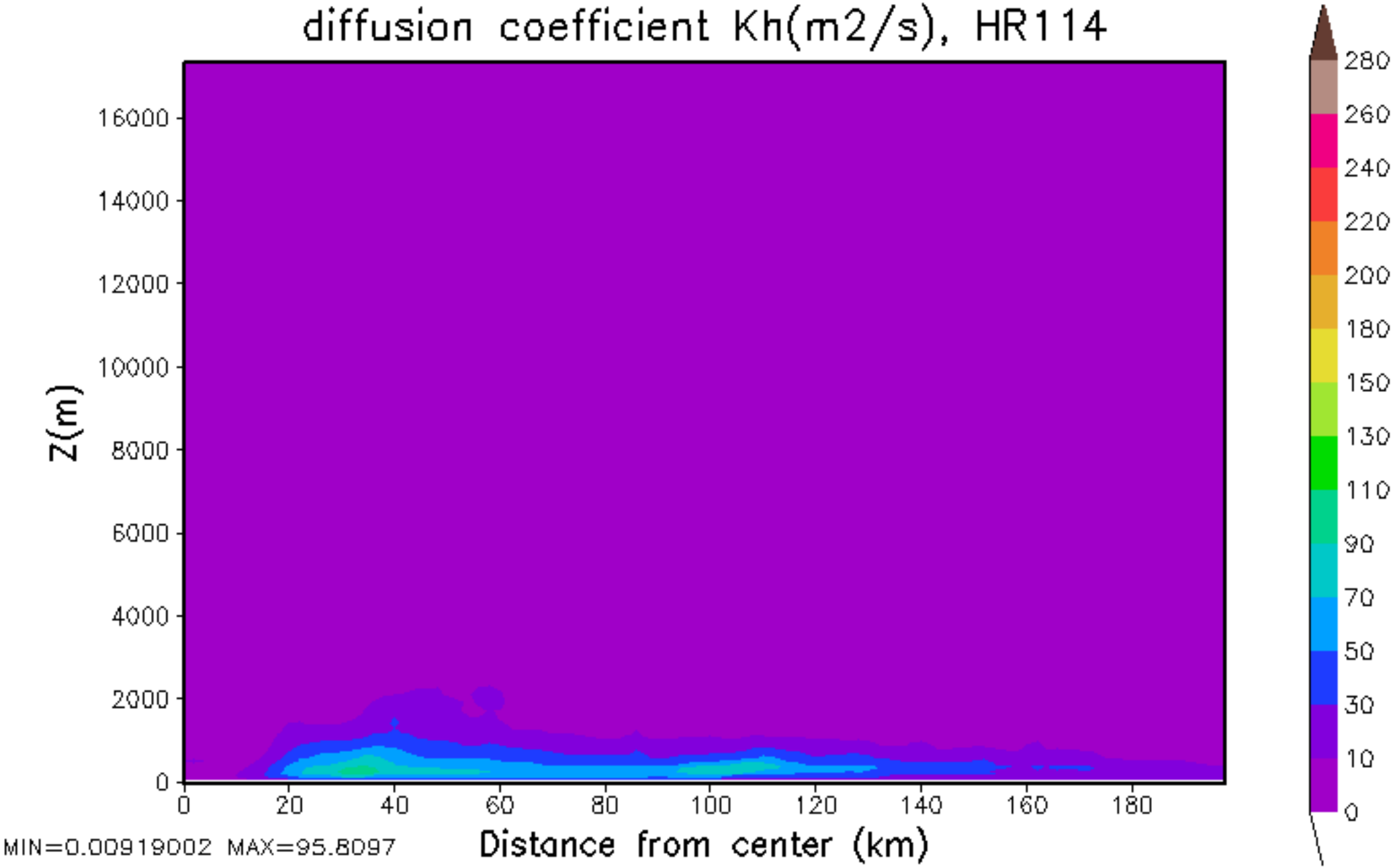

diffusion coefficient Kh(m2/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918168 MAX=94.8992
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

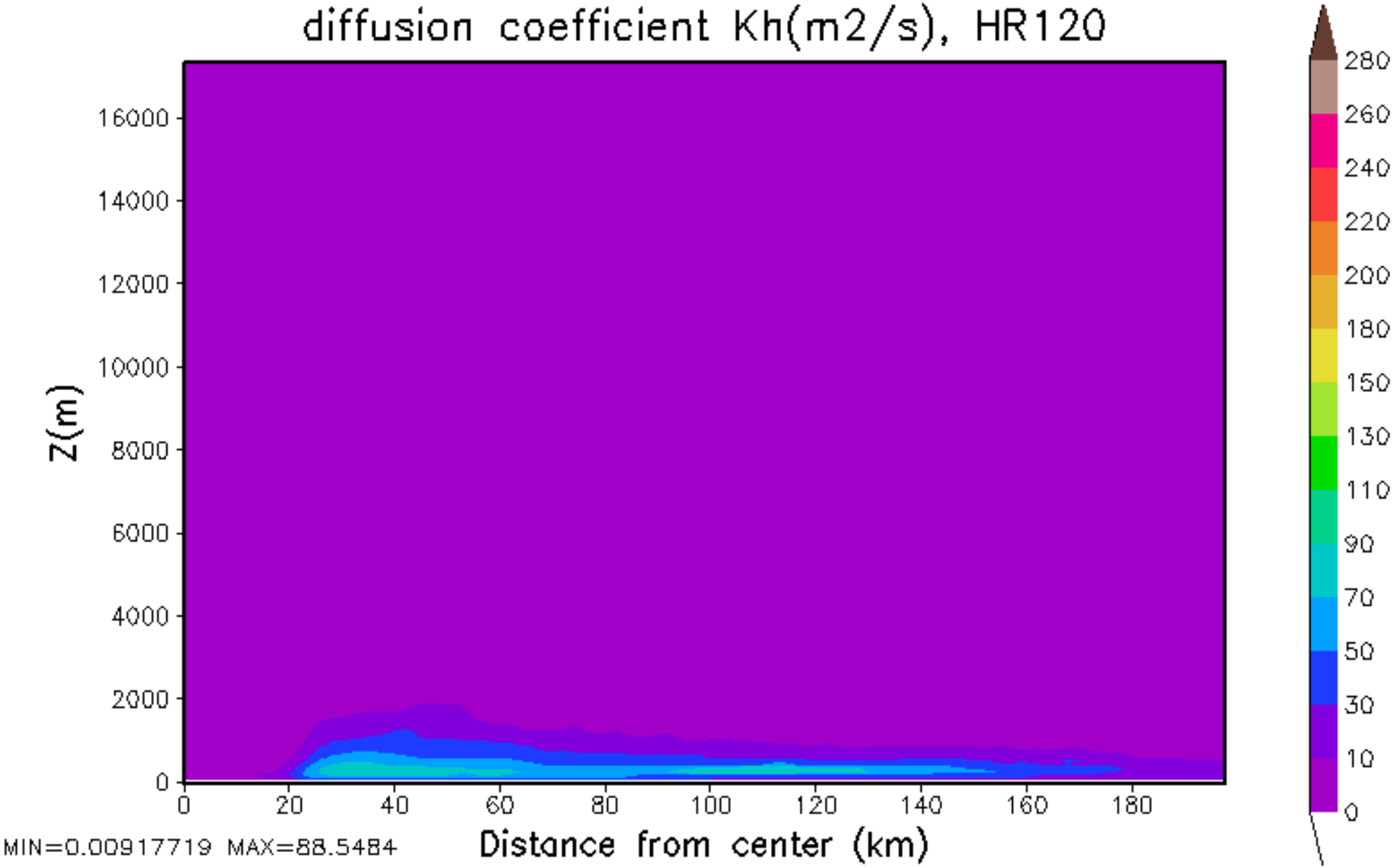

diffusion coefficient Kh(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917001 MAX=96.4867
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

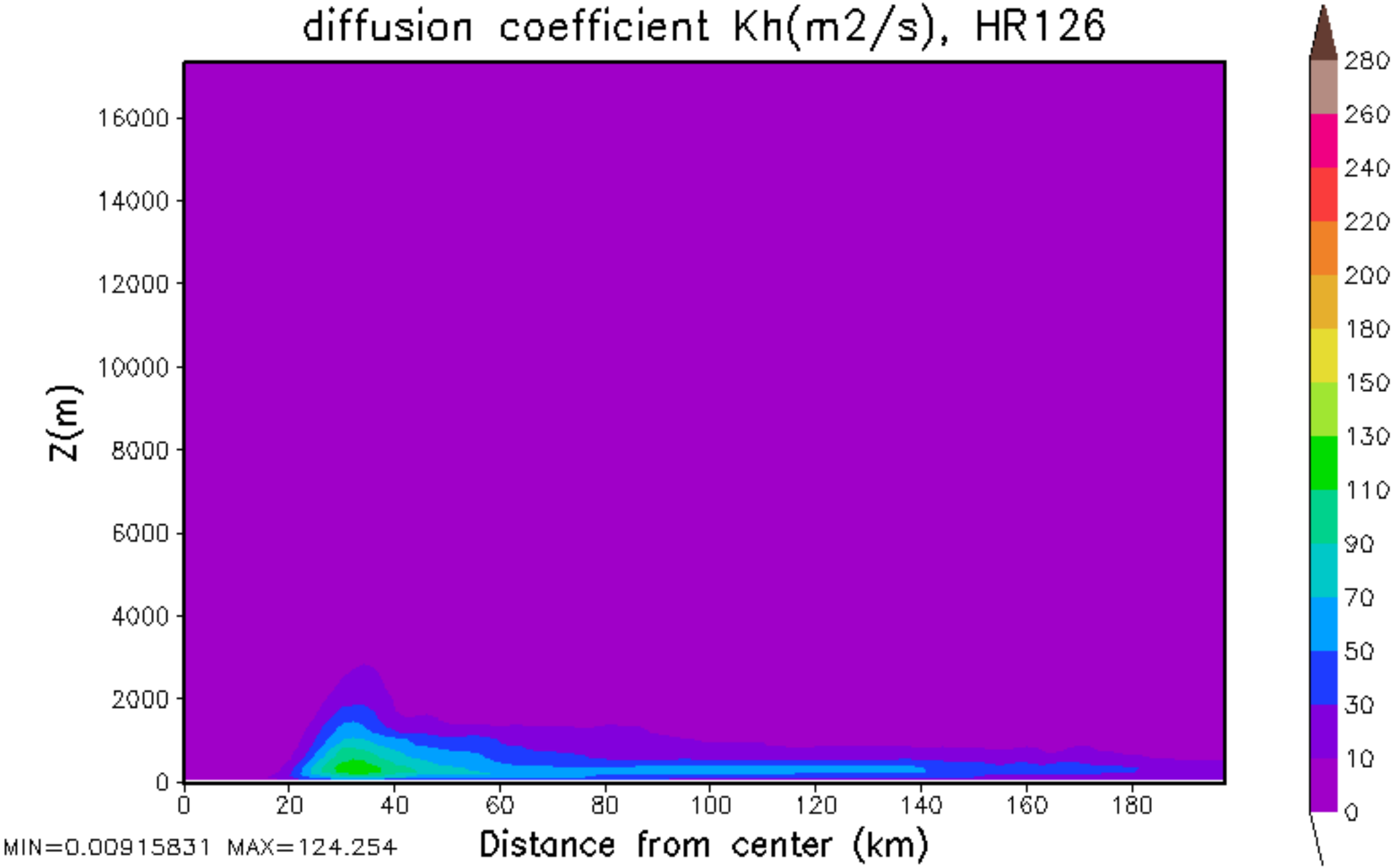

diffusion coefficient Kh(m2/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918156 MAX=86.2084
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

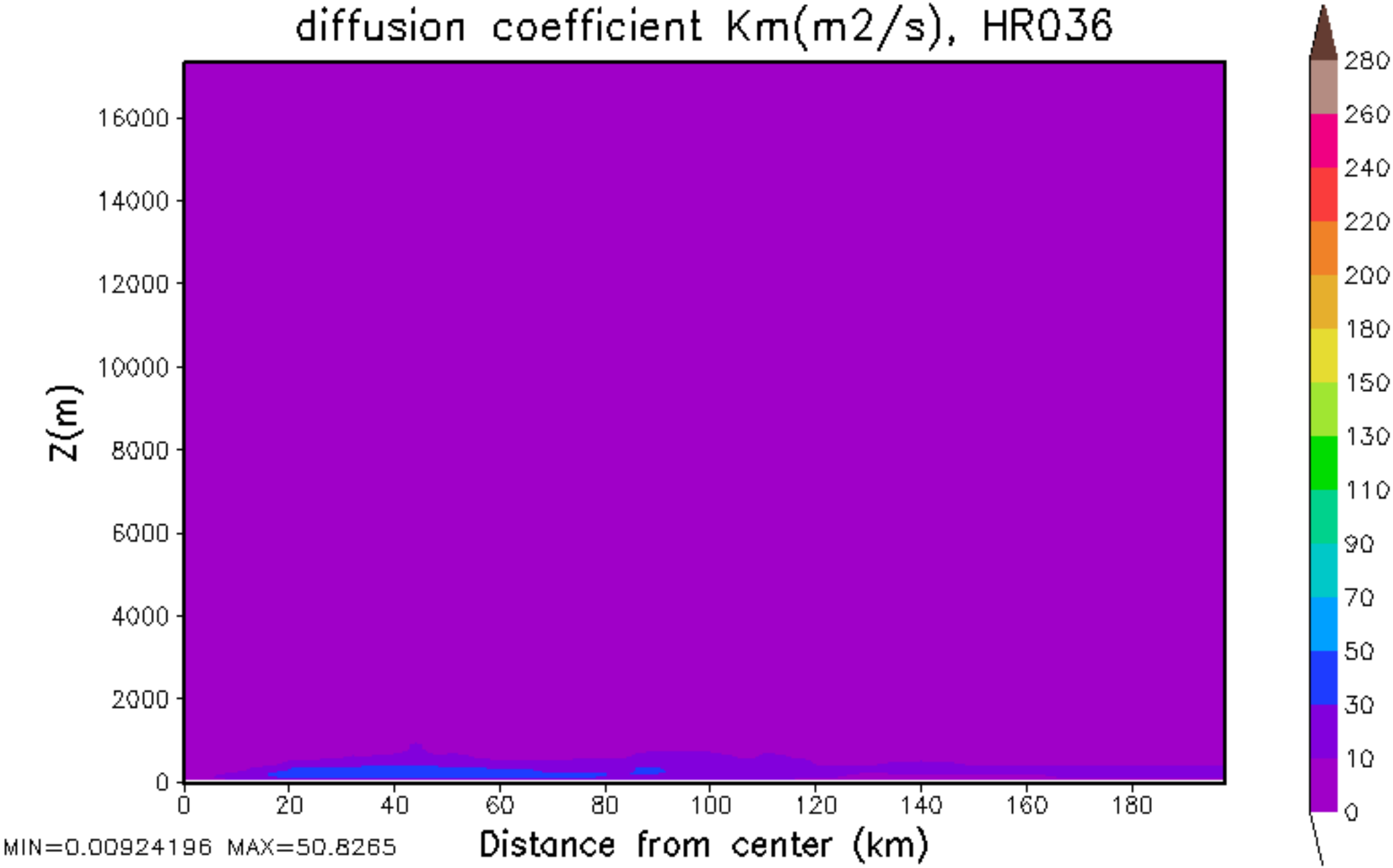

diffusion coefficient Kh(m2/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917884 MAX=83.9997
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

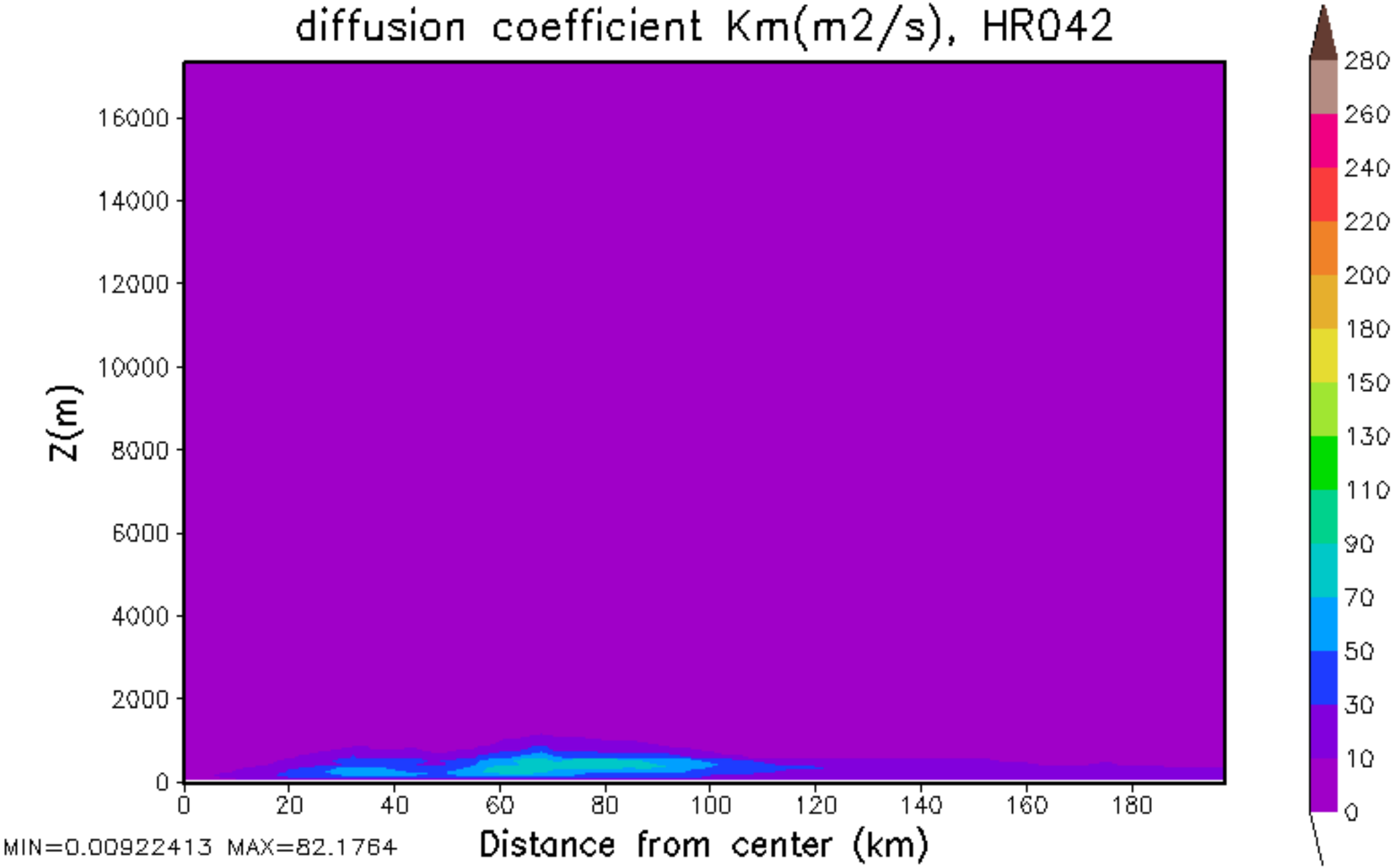

diffusion coefficient Kh(m2/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917603 MAX=107.184
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

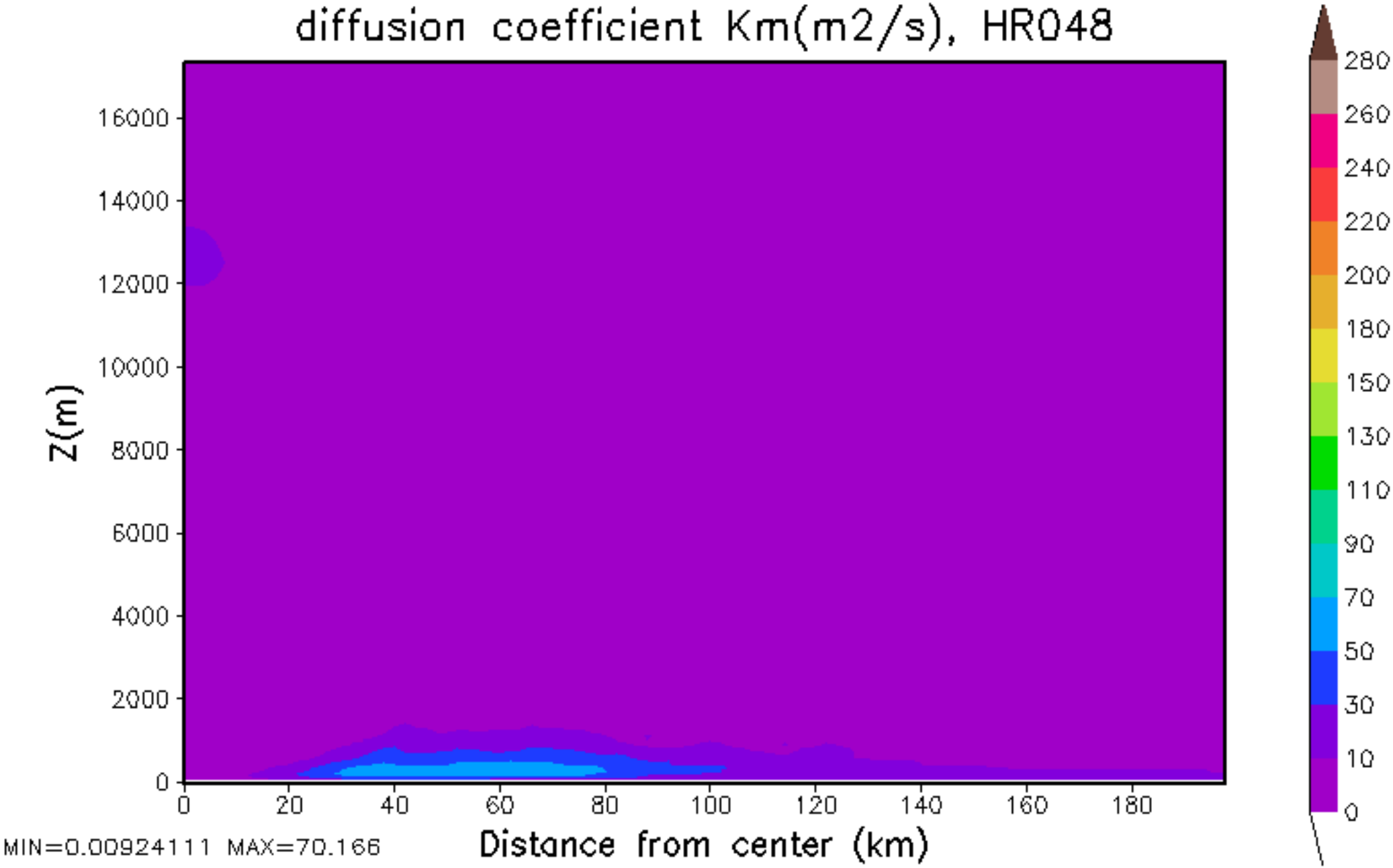

diffusion coefficient Kh(m2/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919002 MAX=95.8097
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

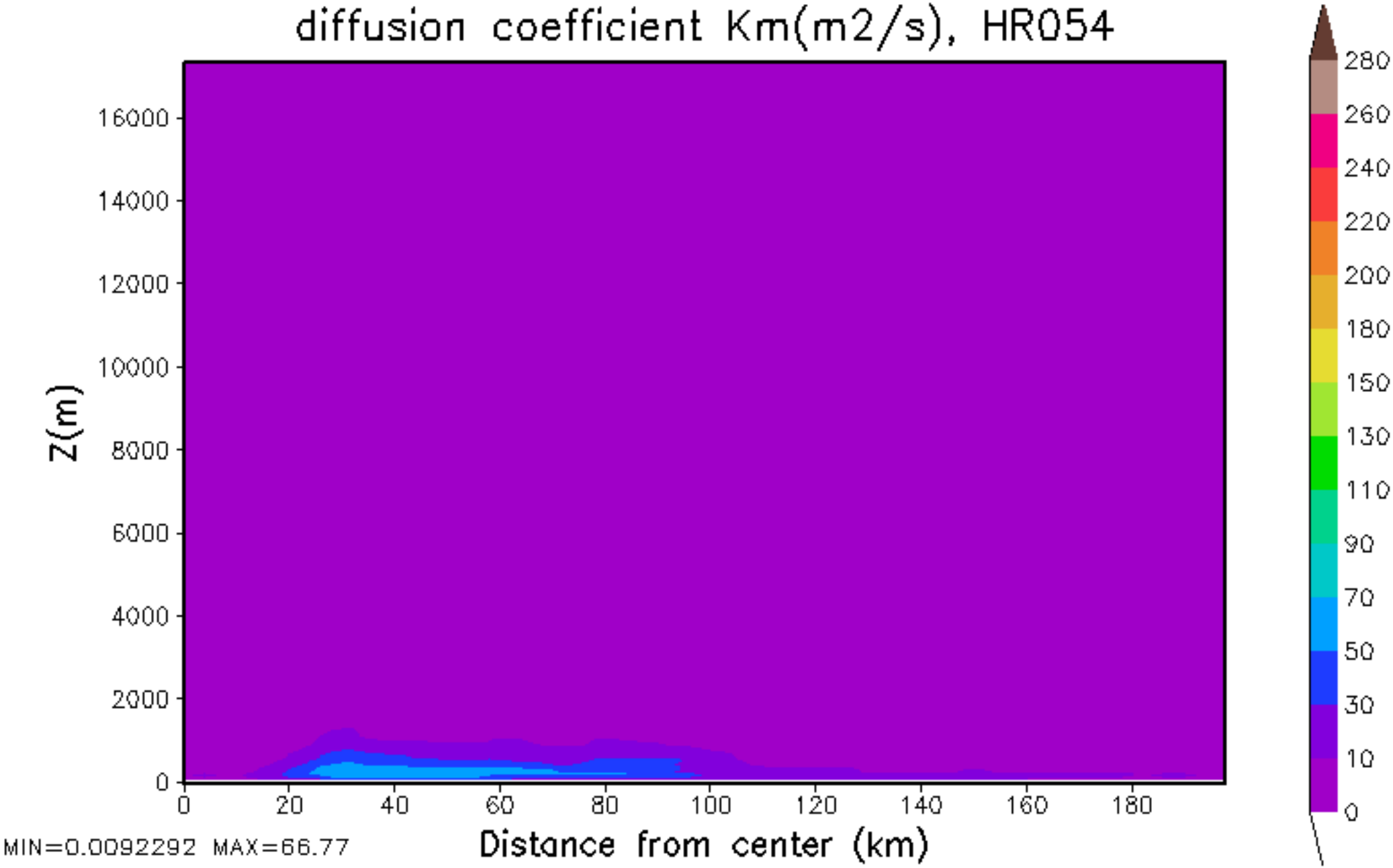

diffusion coefficient Kh(m2/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917719 MAX=88.5484
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

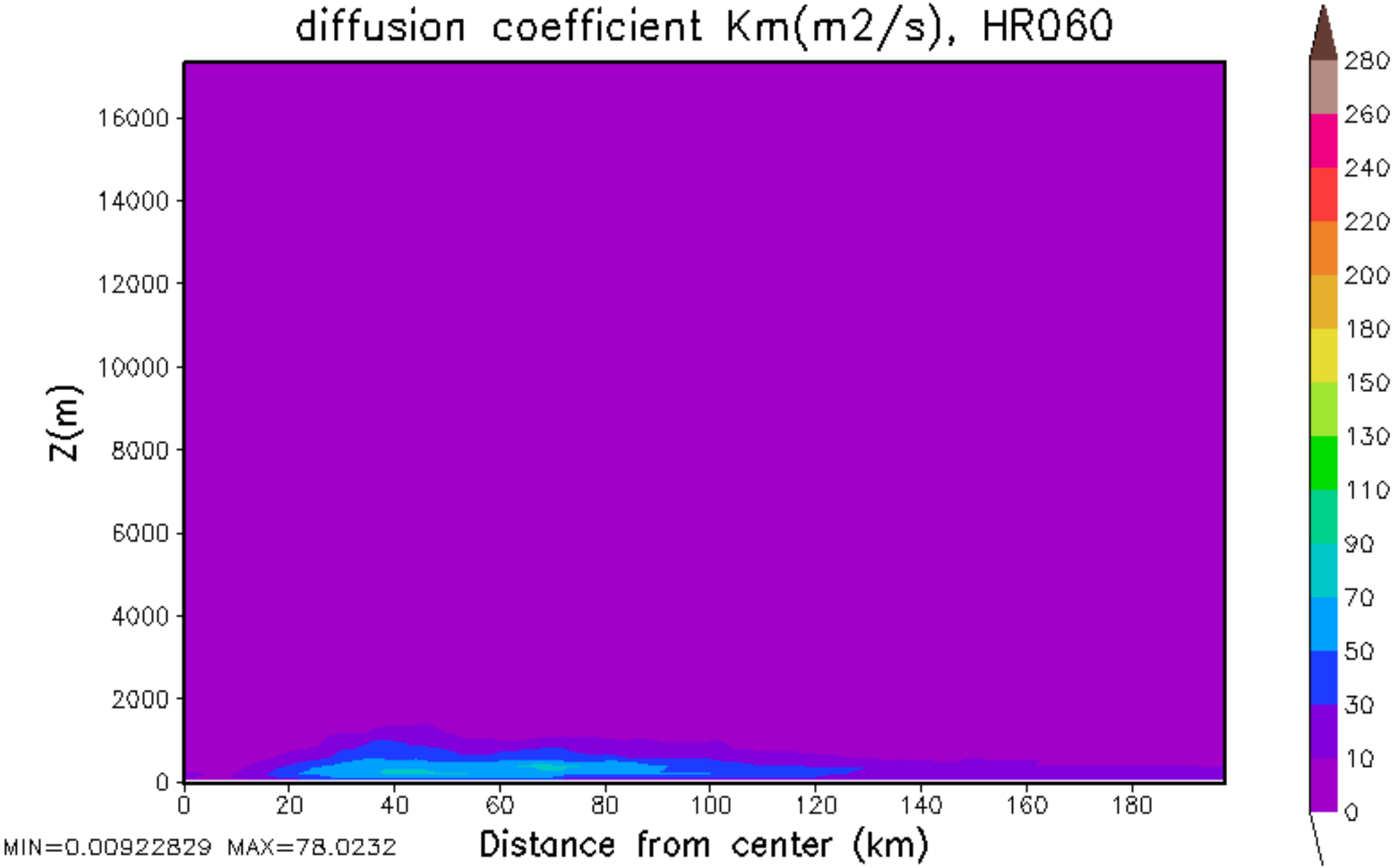

diffusion coefficient Kh(m2/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00915831 MAX=124.254
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

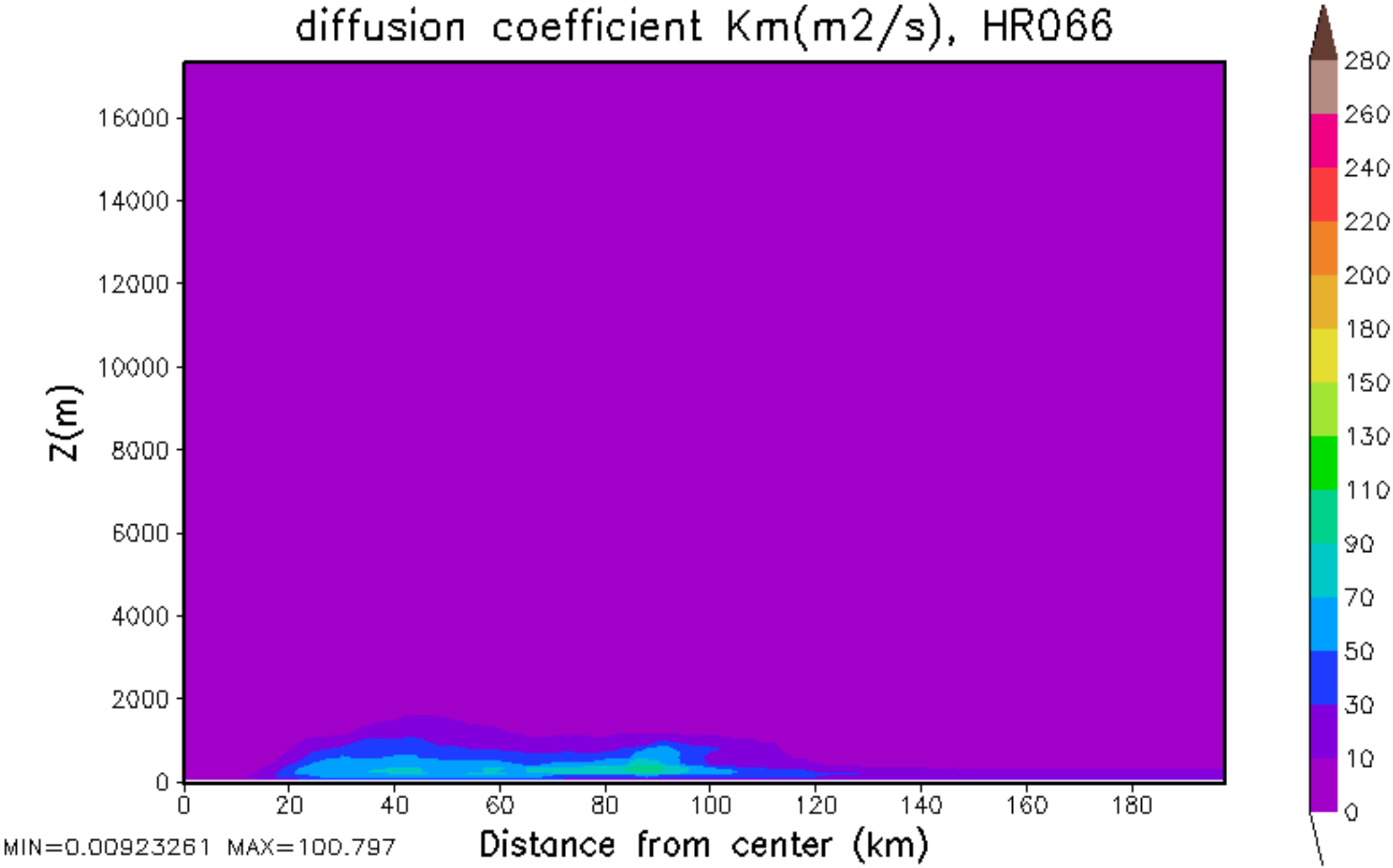

diffusion coefficient Km(m2/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924196 MAX=50.8265
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

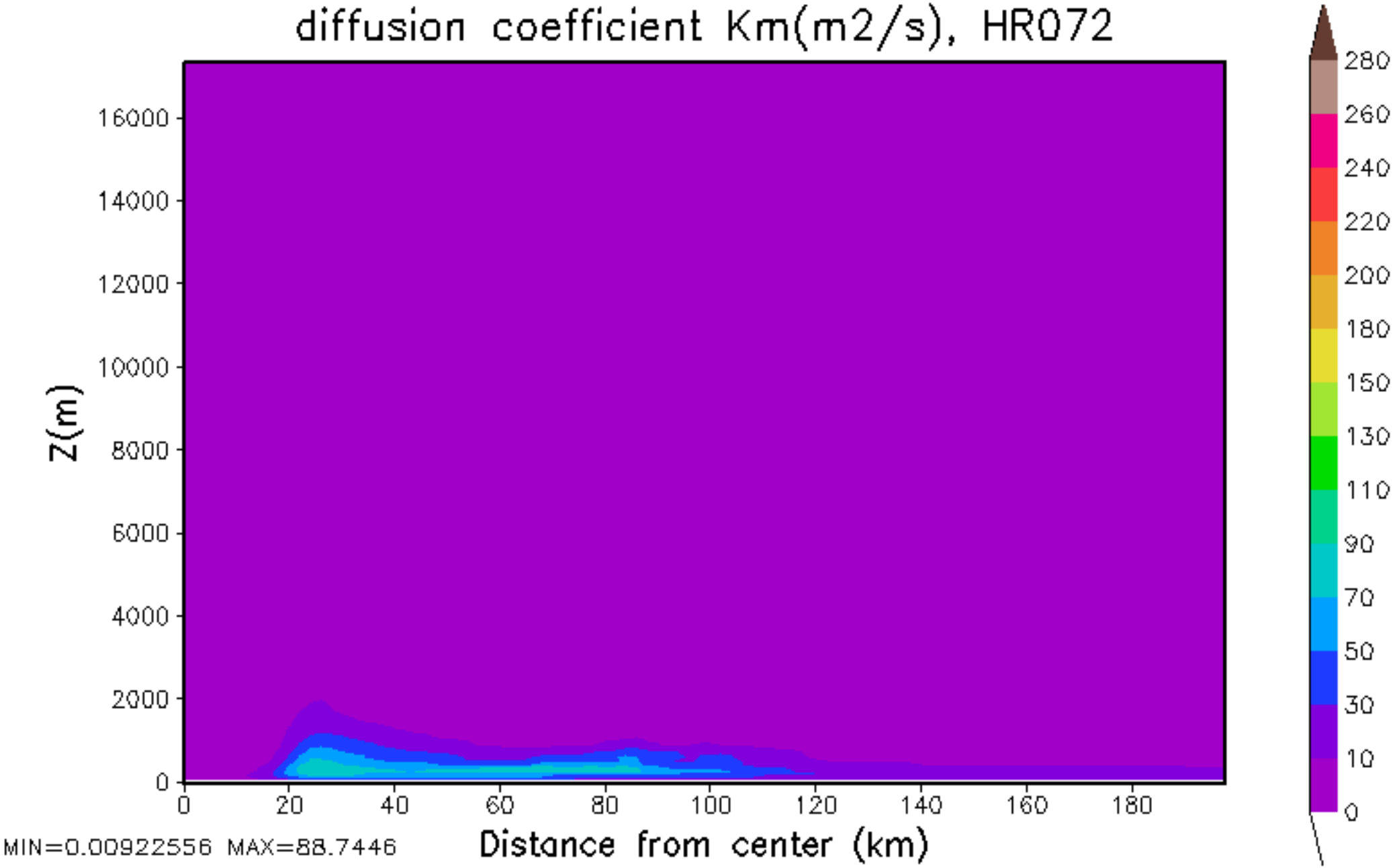

diffusion coefficient Km(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922413 MAX=82.1764
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

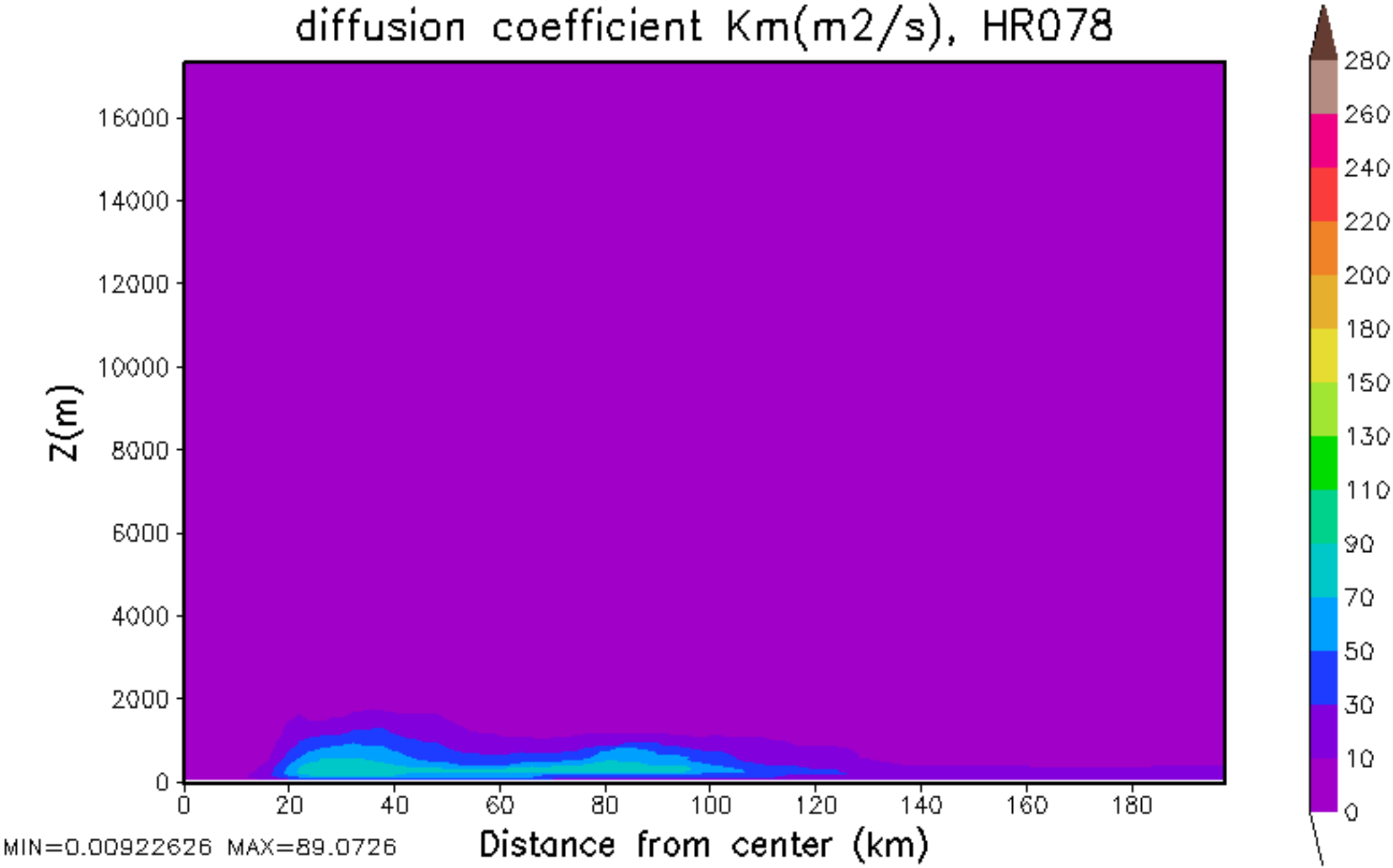

diffusion coefficient Km(m2/s), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924111 MAX=70.166
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

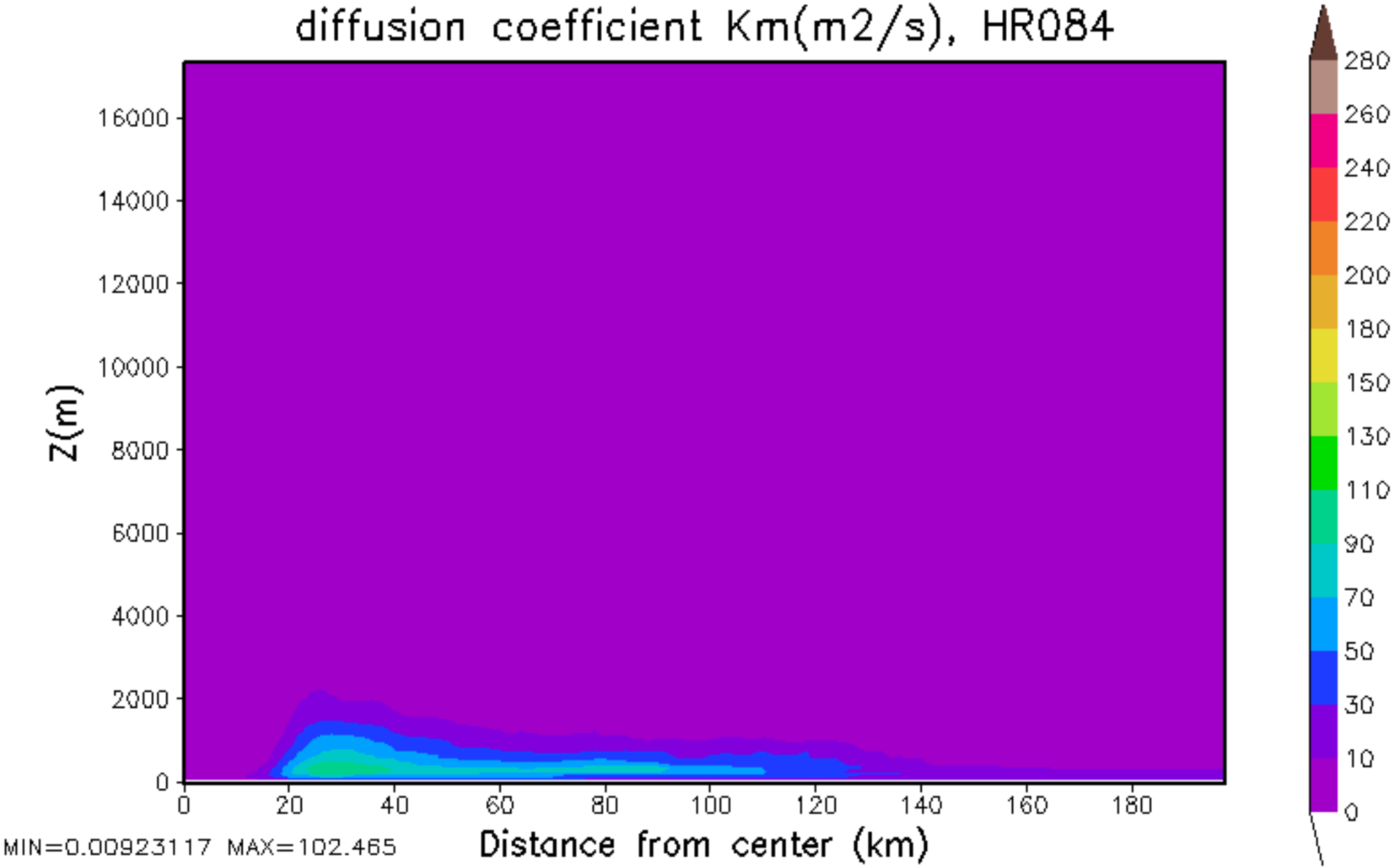

diffusion coefficient Km(m2/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0092292 MAX=66.77
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

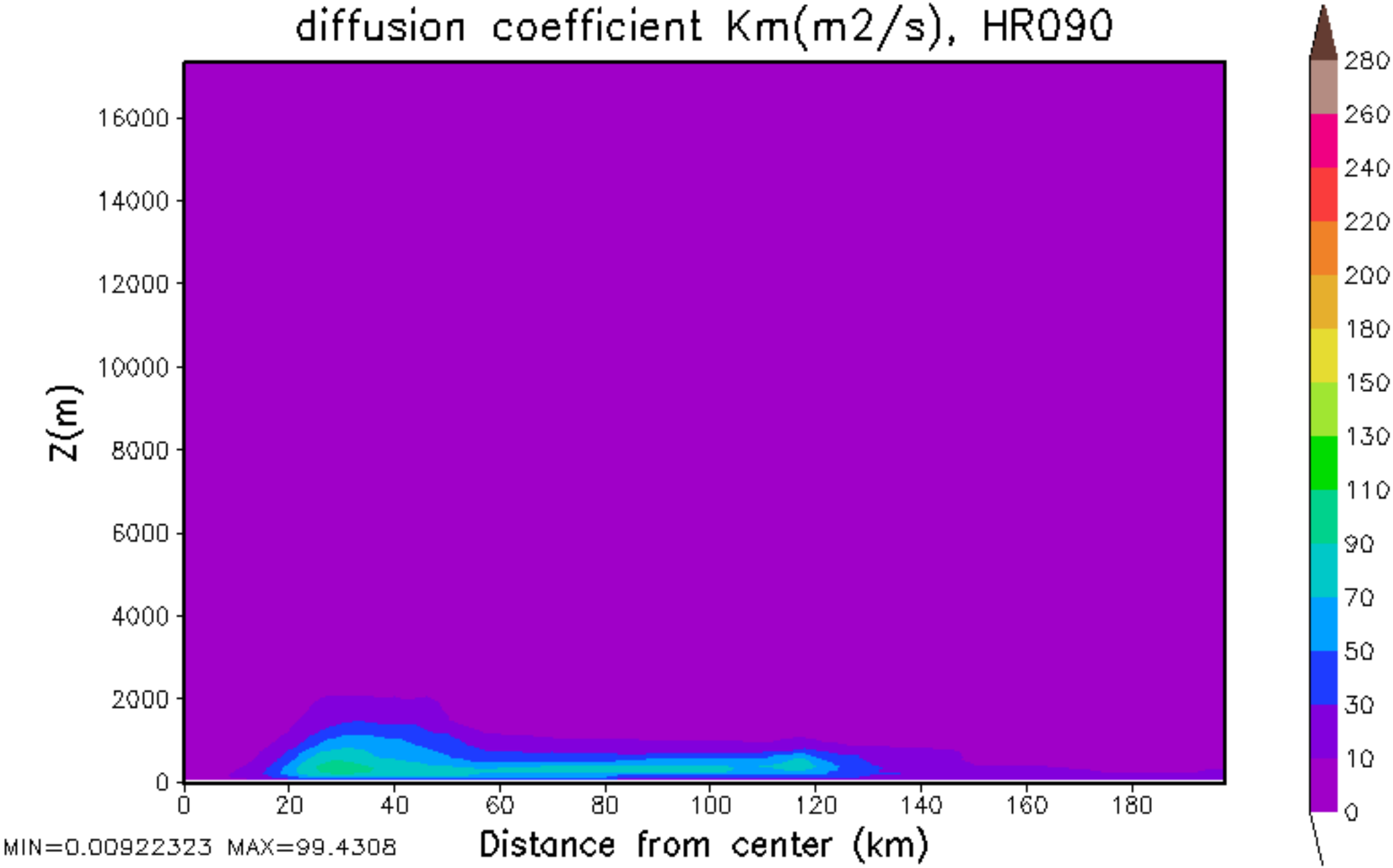

diffusion coefficient Km(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922829 MAX=78.0232
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

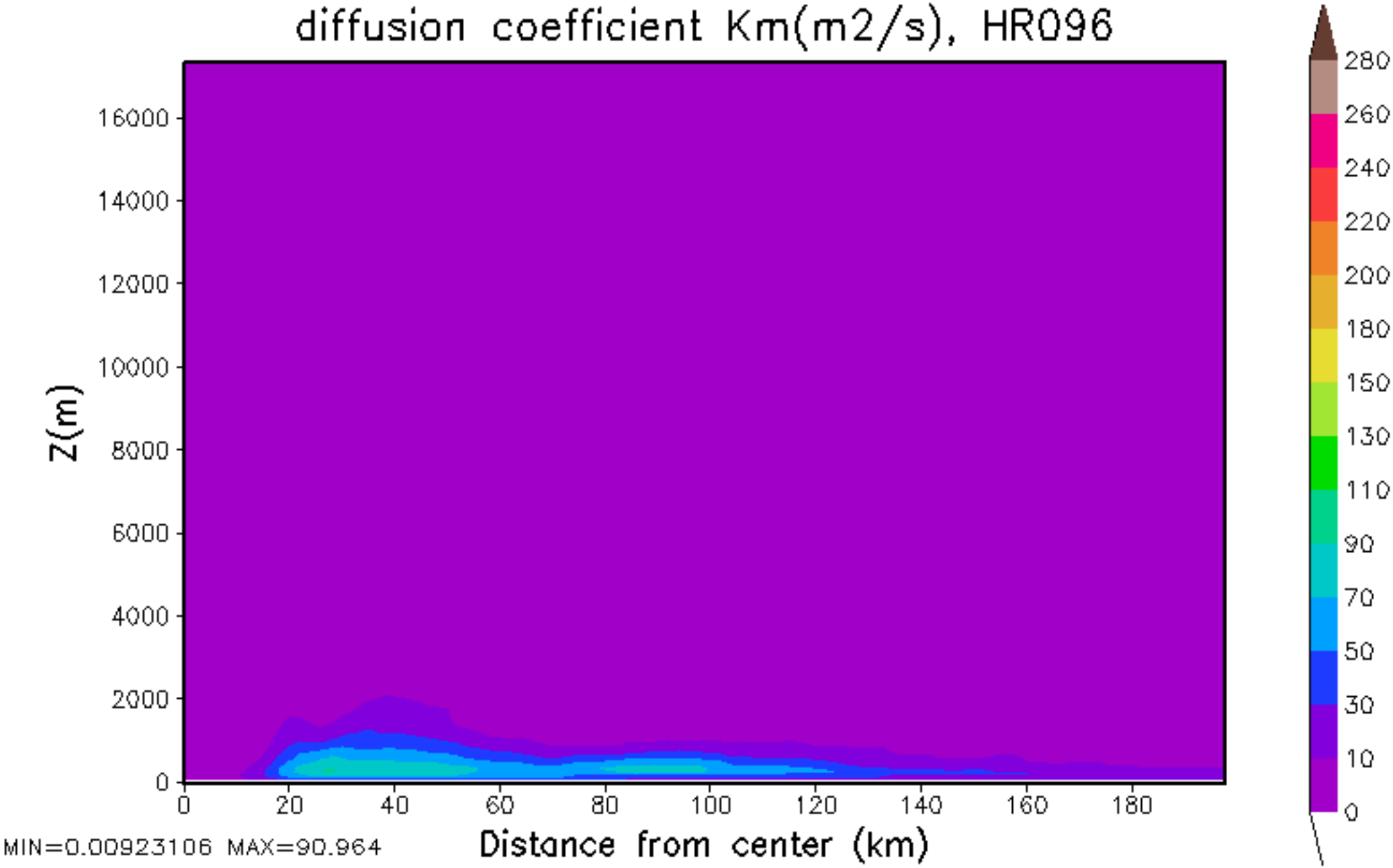

diffusion coefficient Km(m2/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923261 MAX=100.797
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

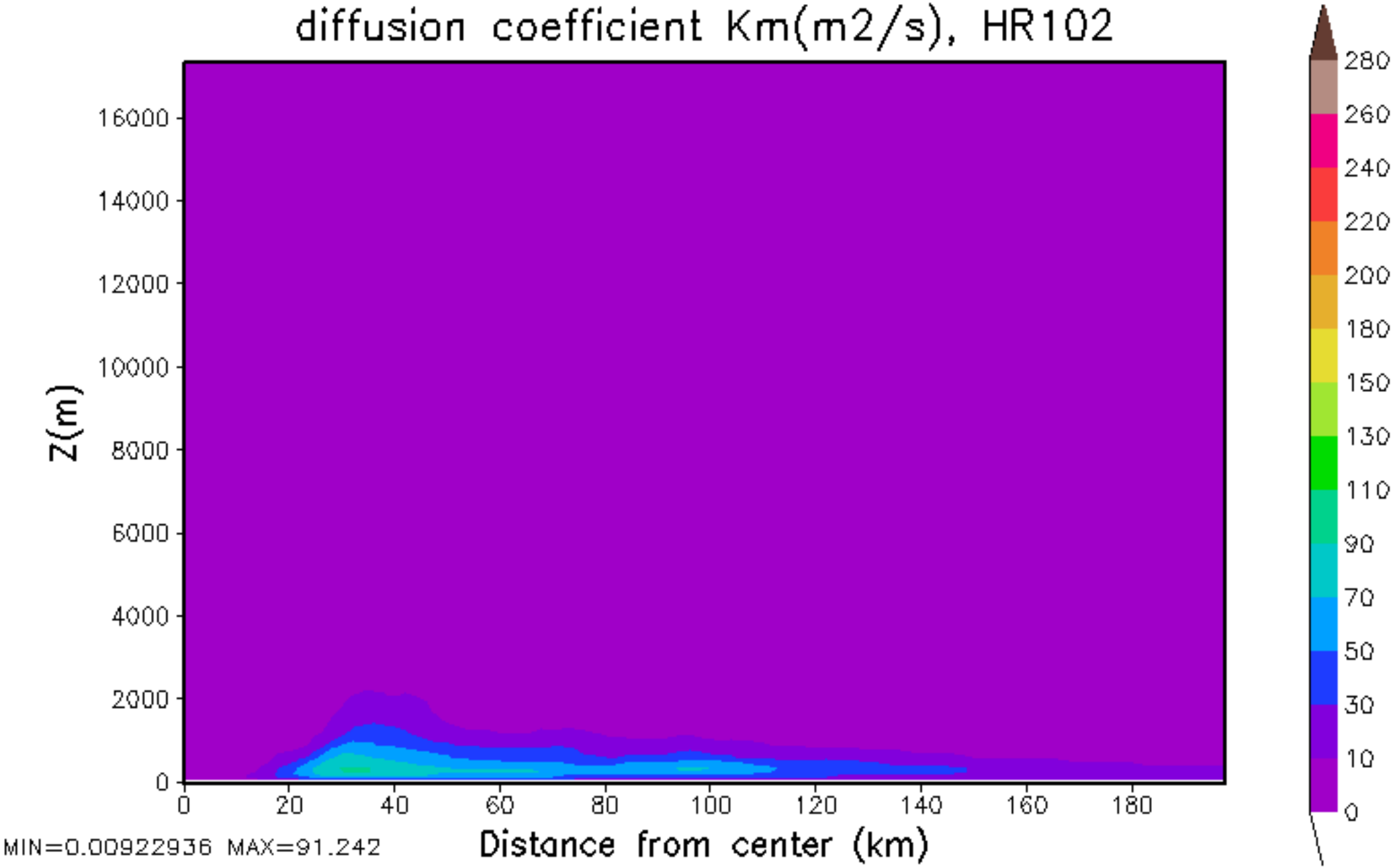

diffusion coefficient Km(m2/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922556 MAX=88.7446
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

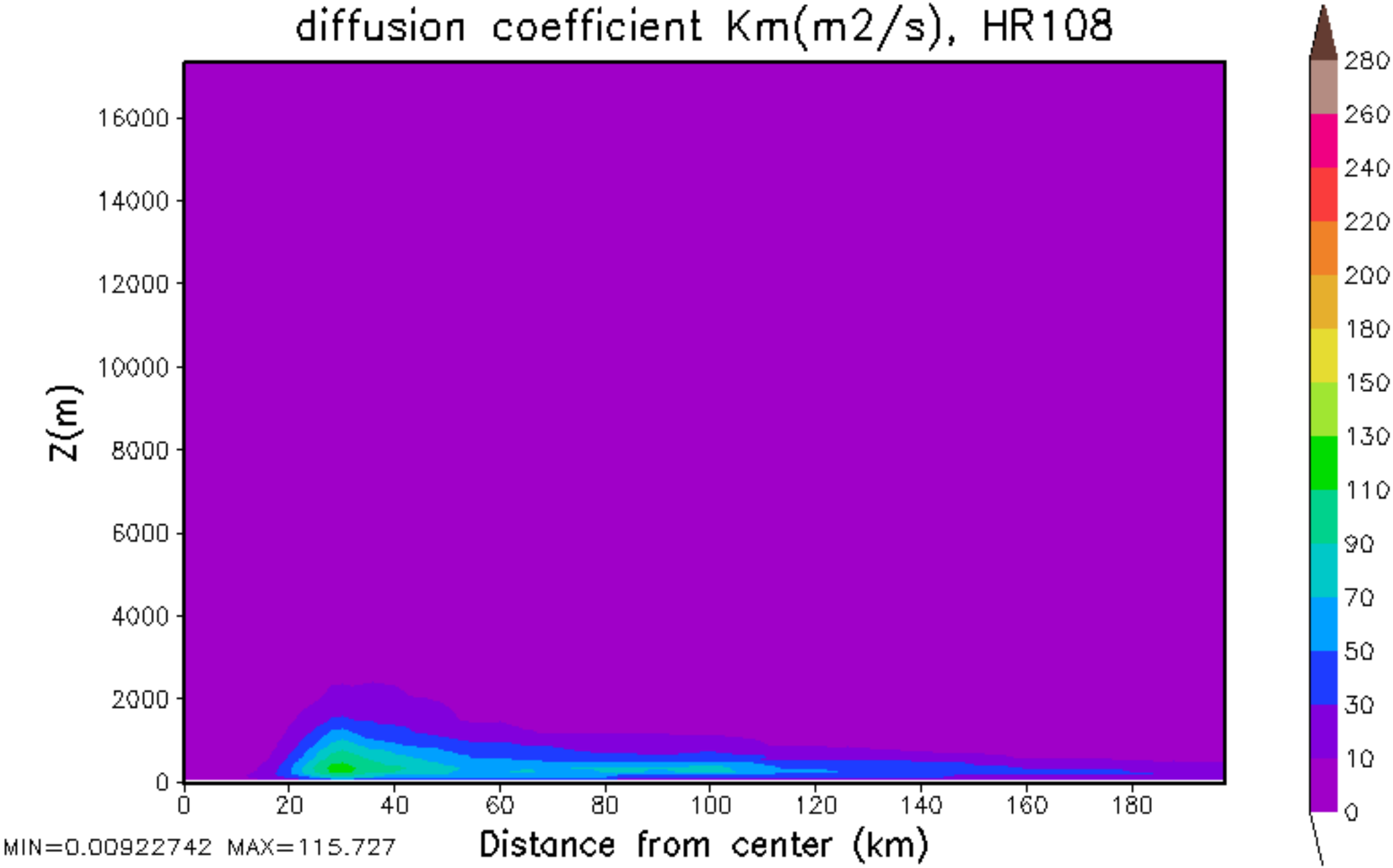

diffusion coefficient Km(m2/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922626 MAX=89.0726
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

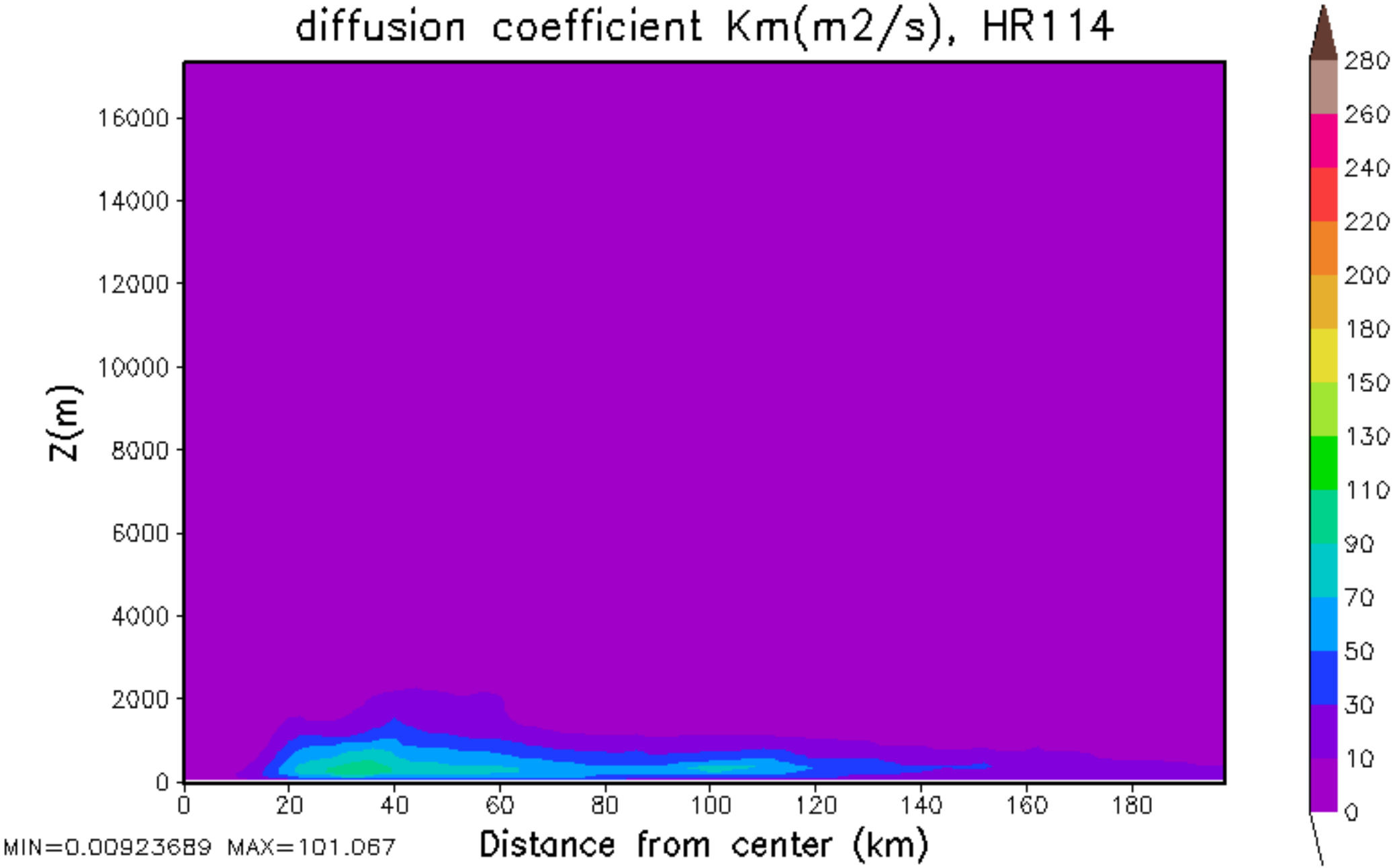

diffusion coefficient Km(m2/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923117 MAX=102.465
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

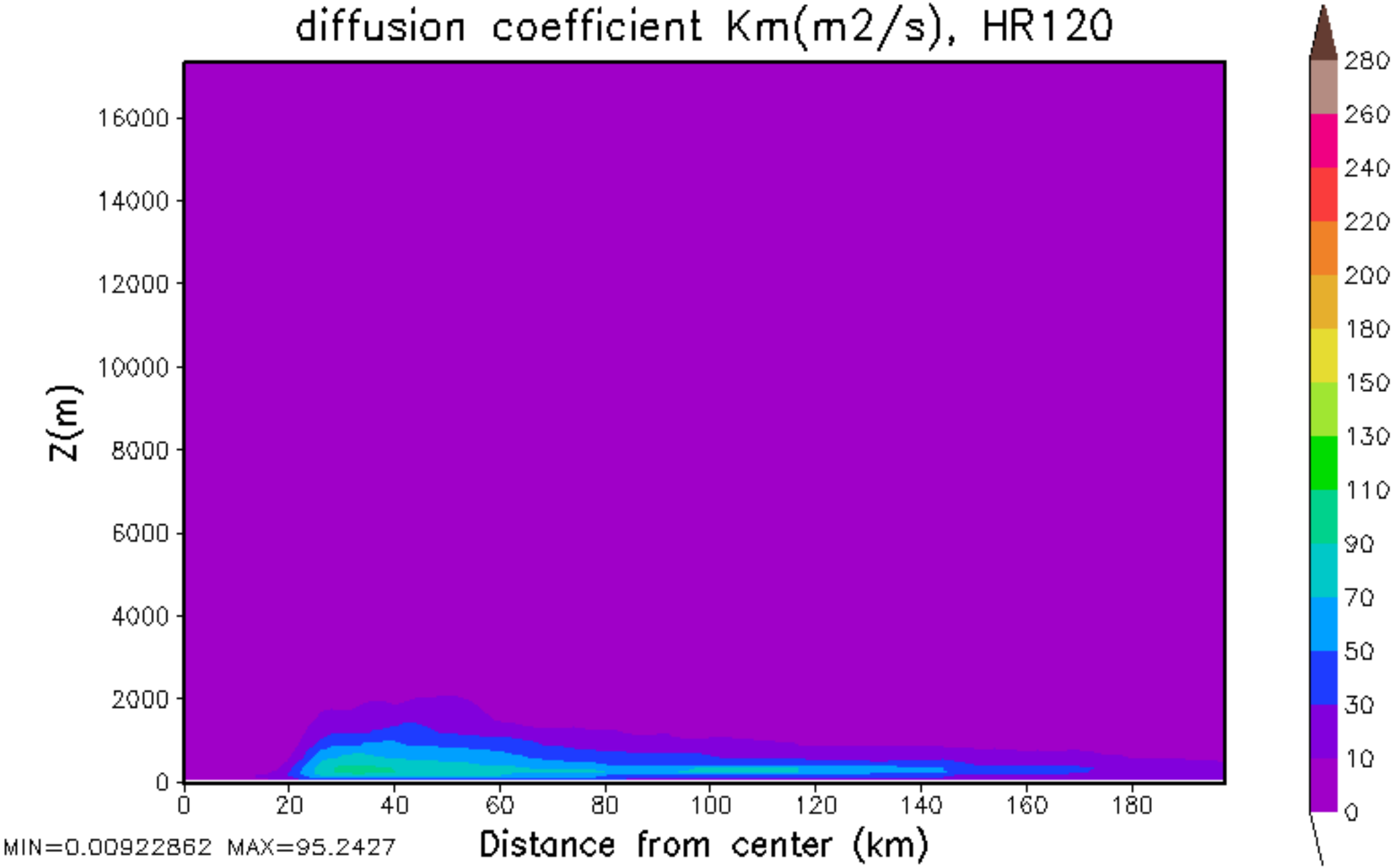

diffusion coefficient Km(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922323 MAX=99.4308
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

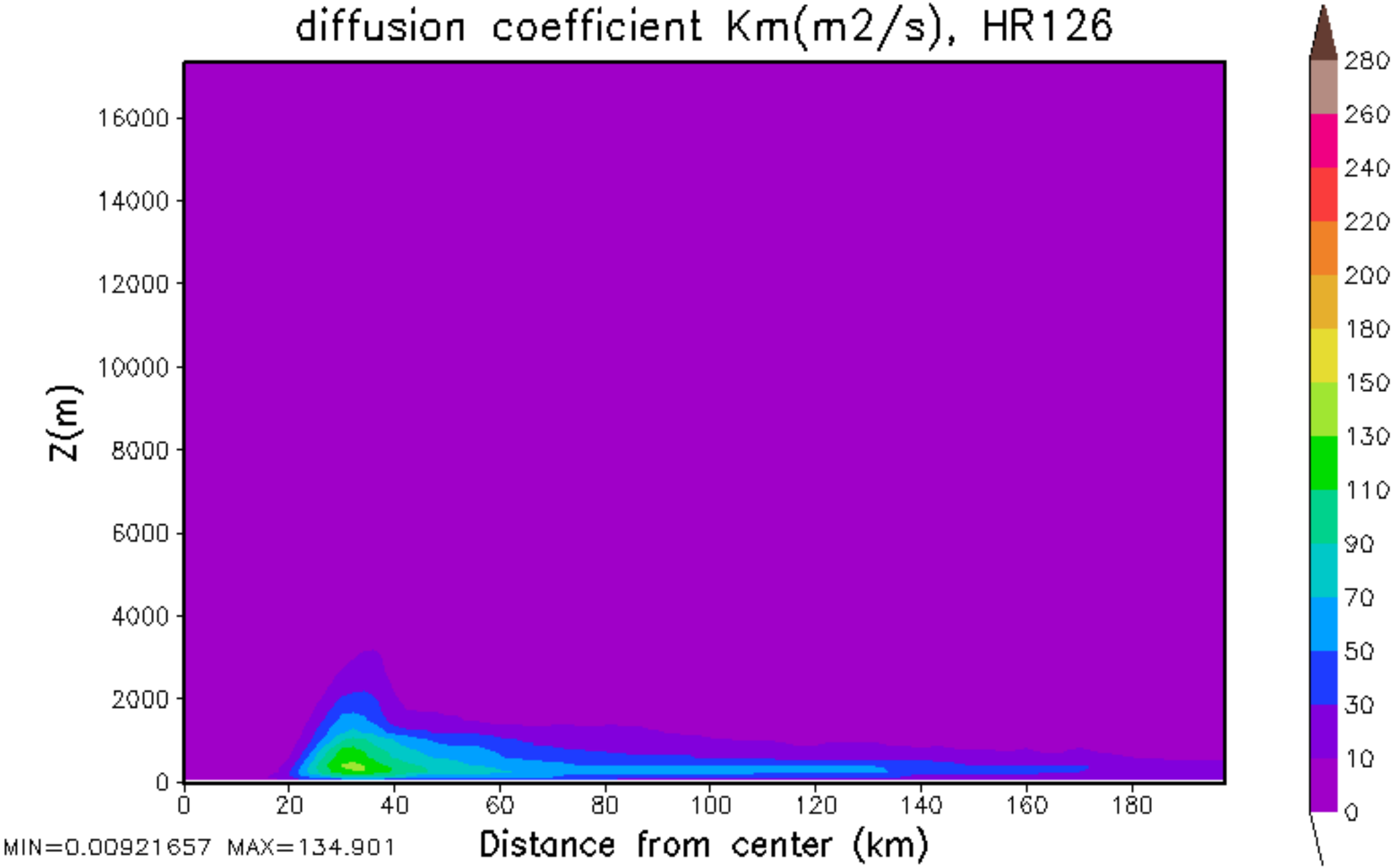

diffusion coefficient Km(m2/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923106 MAX=90.964
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

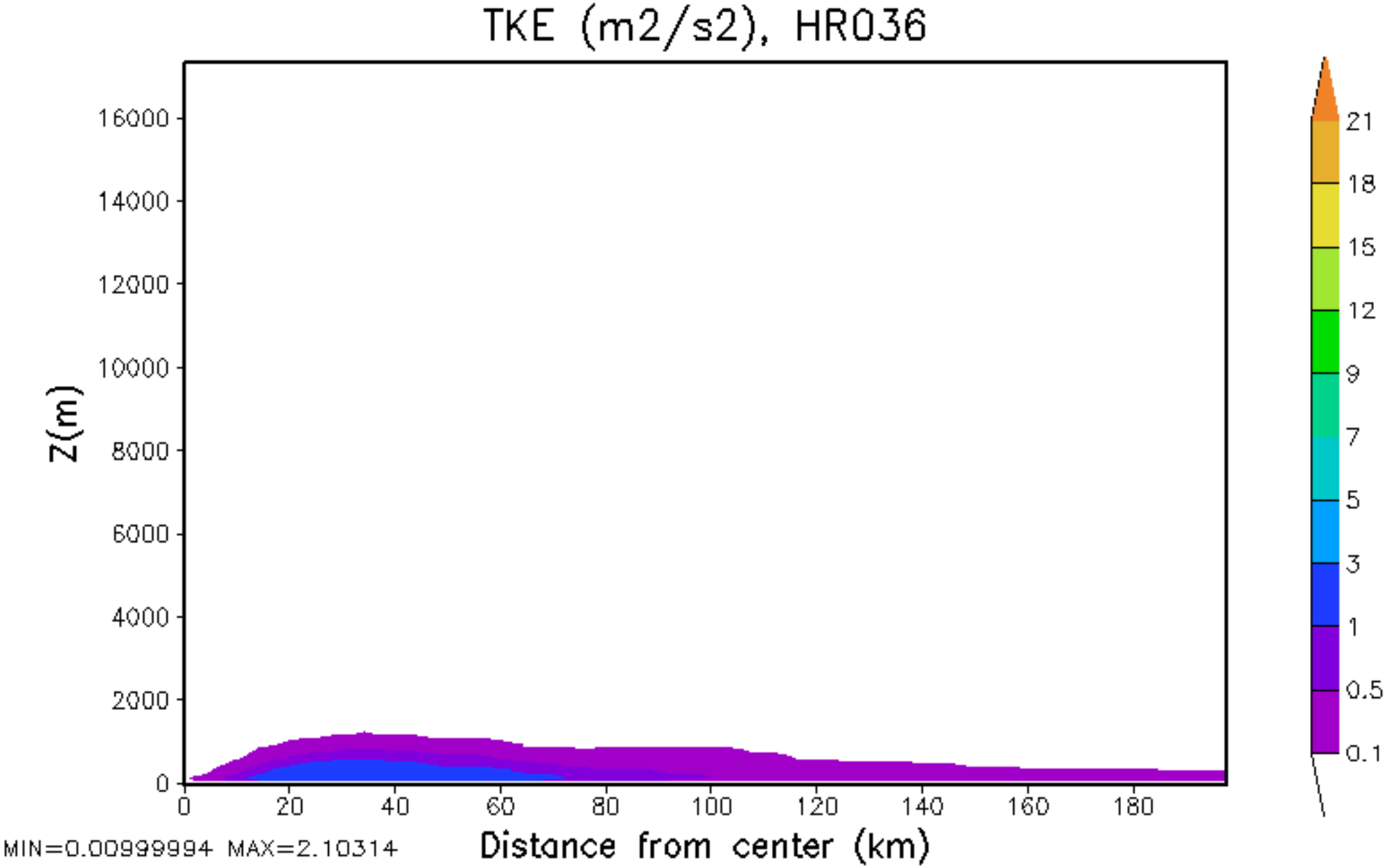

diffusion coefficient Km(m2/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922936 MAX=91.242
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

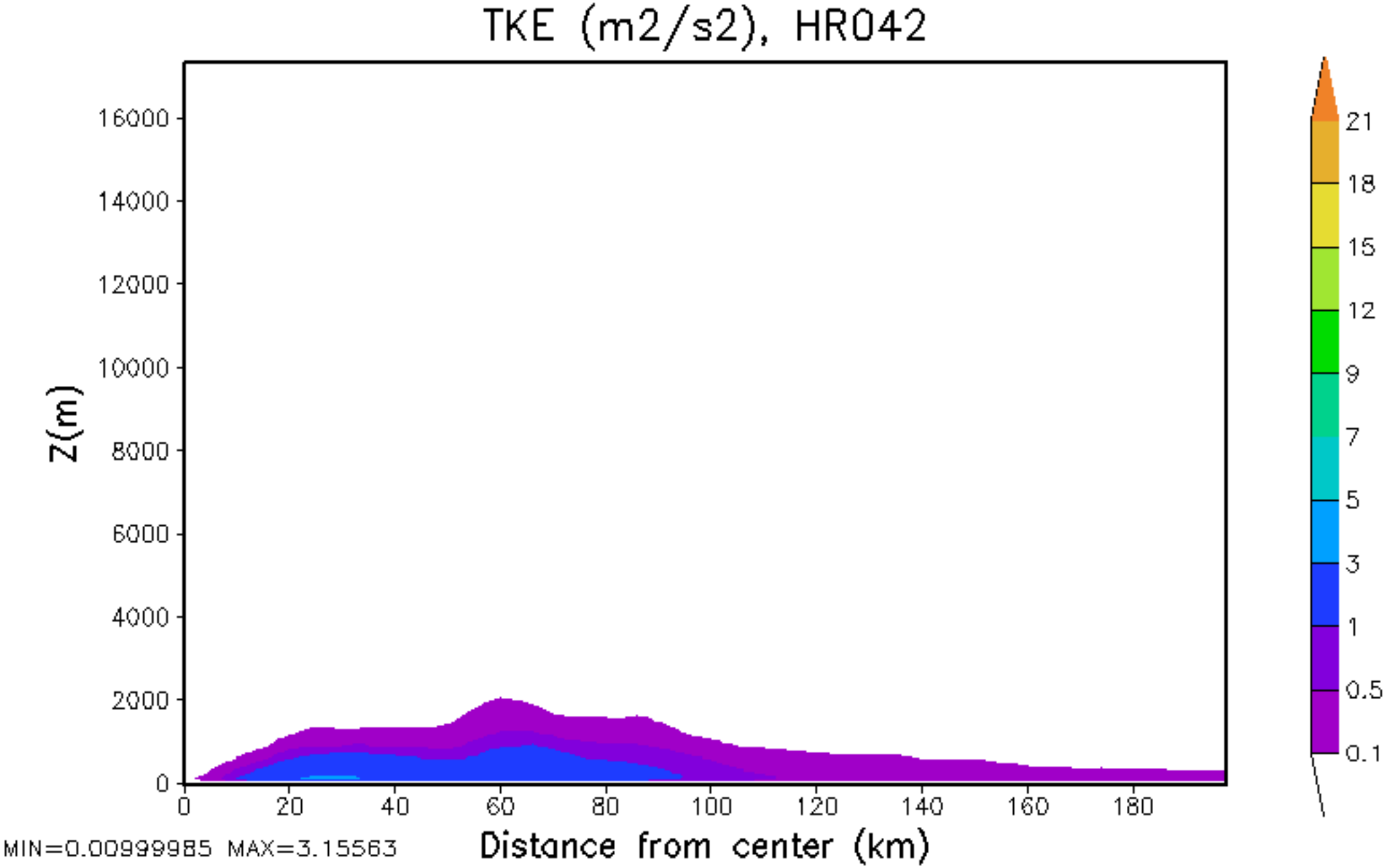

diffusion coefficient Km(m2/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922742 MAX=115.727
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

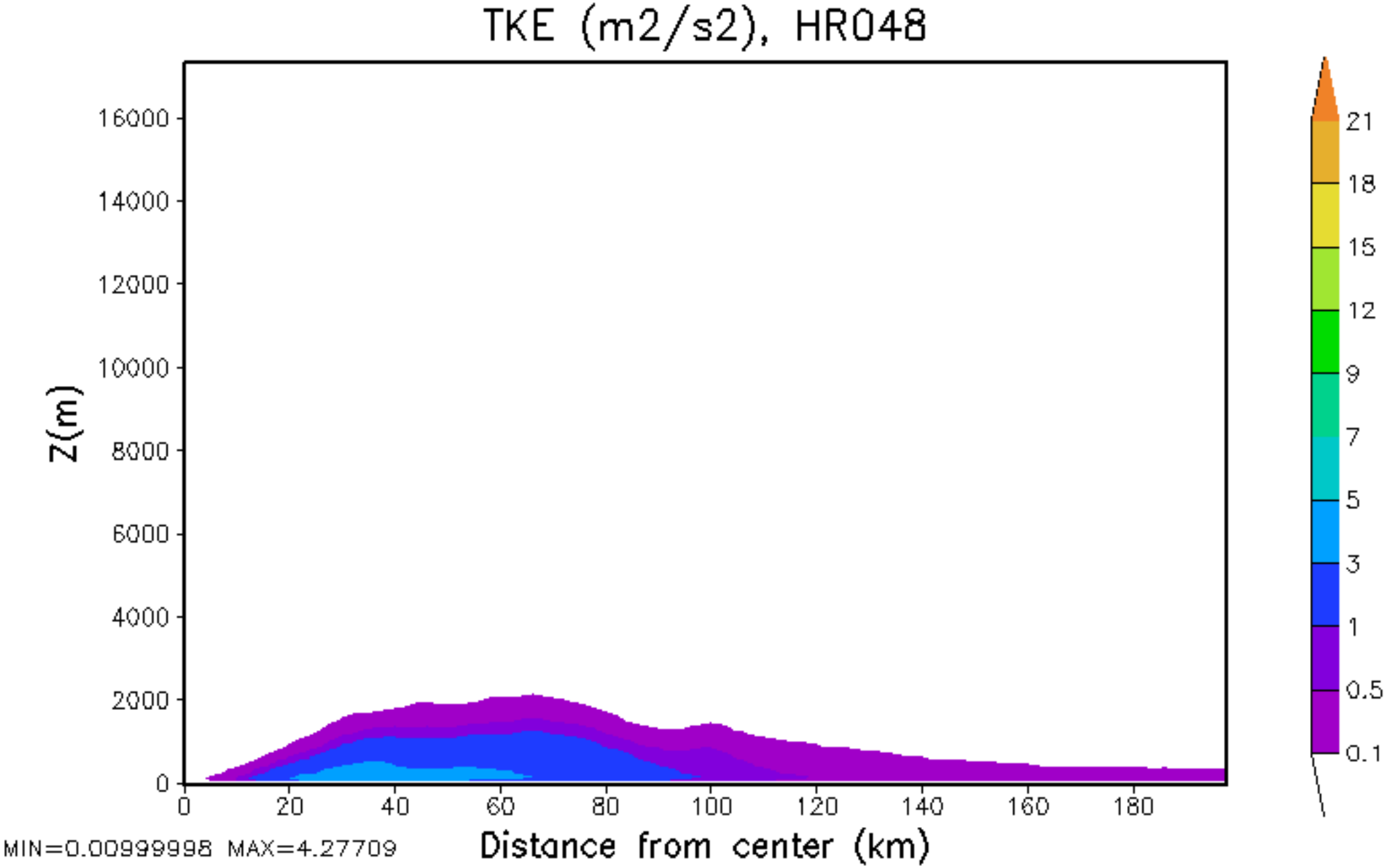

diffusion coefficient Km(m2/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923689 MAX=101.067
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

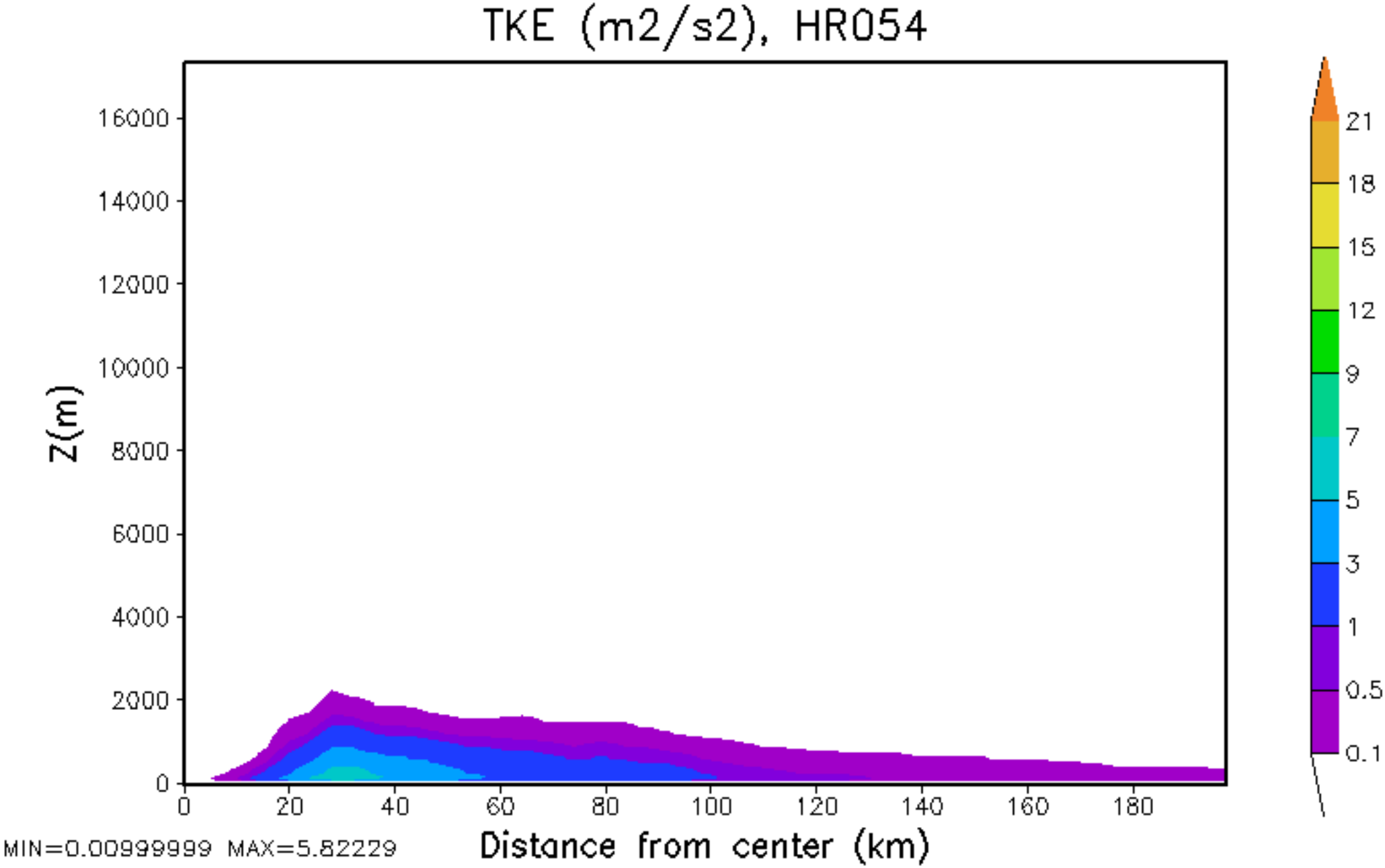

diffusion coefficient Km(m2/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922862 MAX=95.2427
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

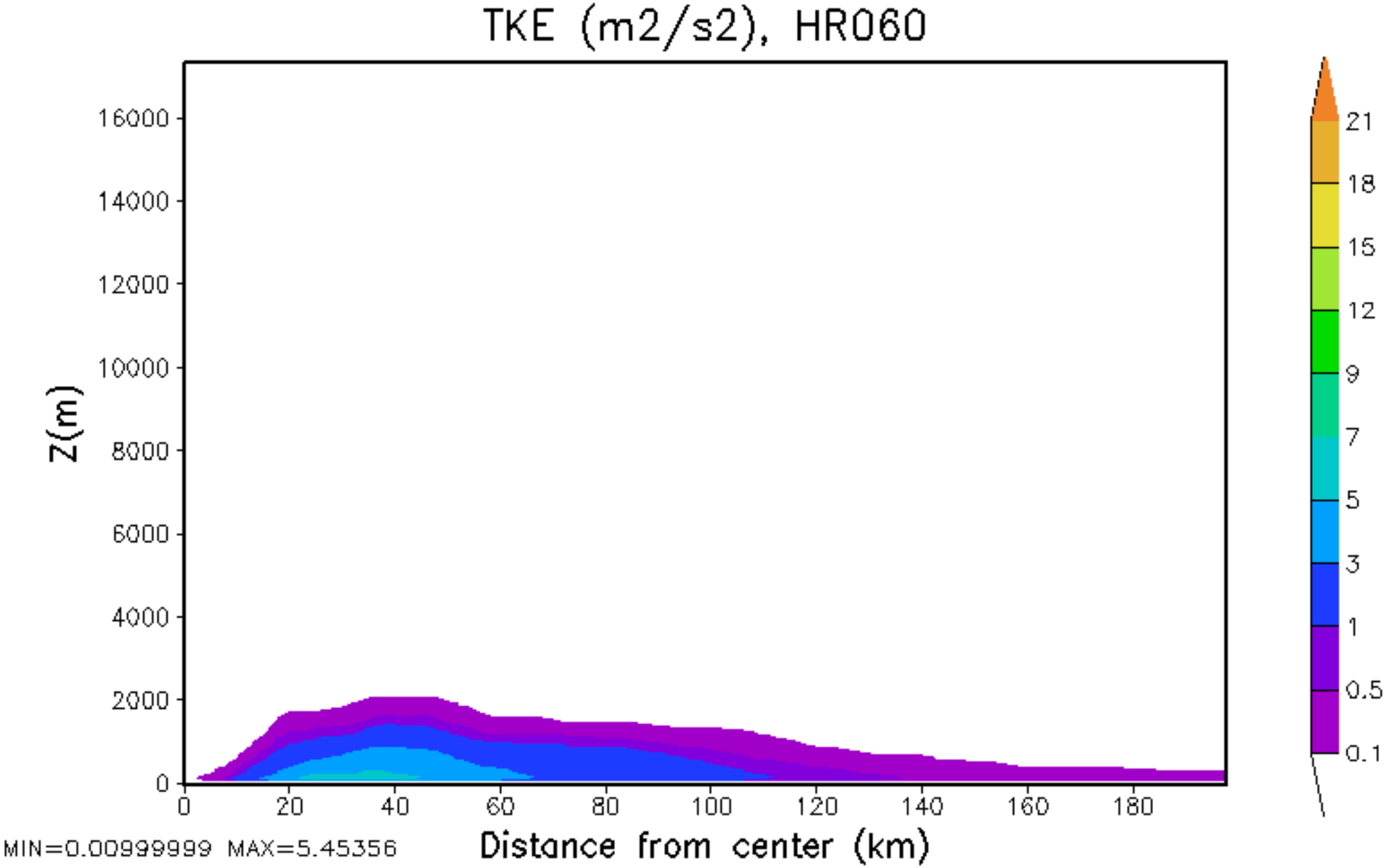

diffusion coefficient Km(m2/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921657 MAX=134.901
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

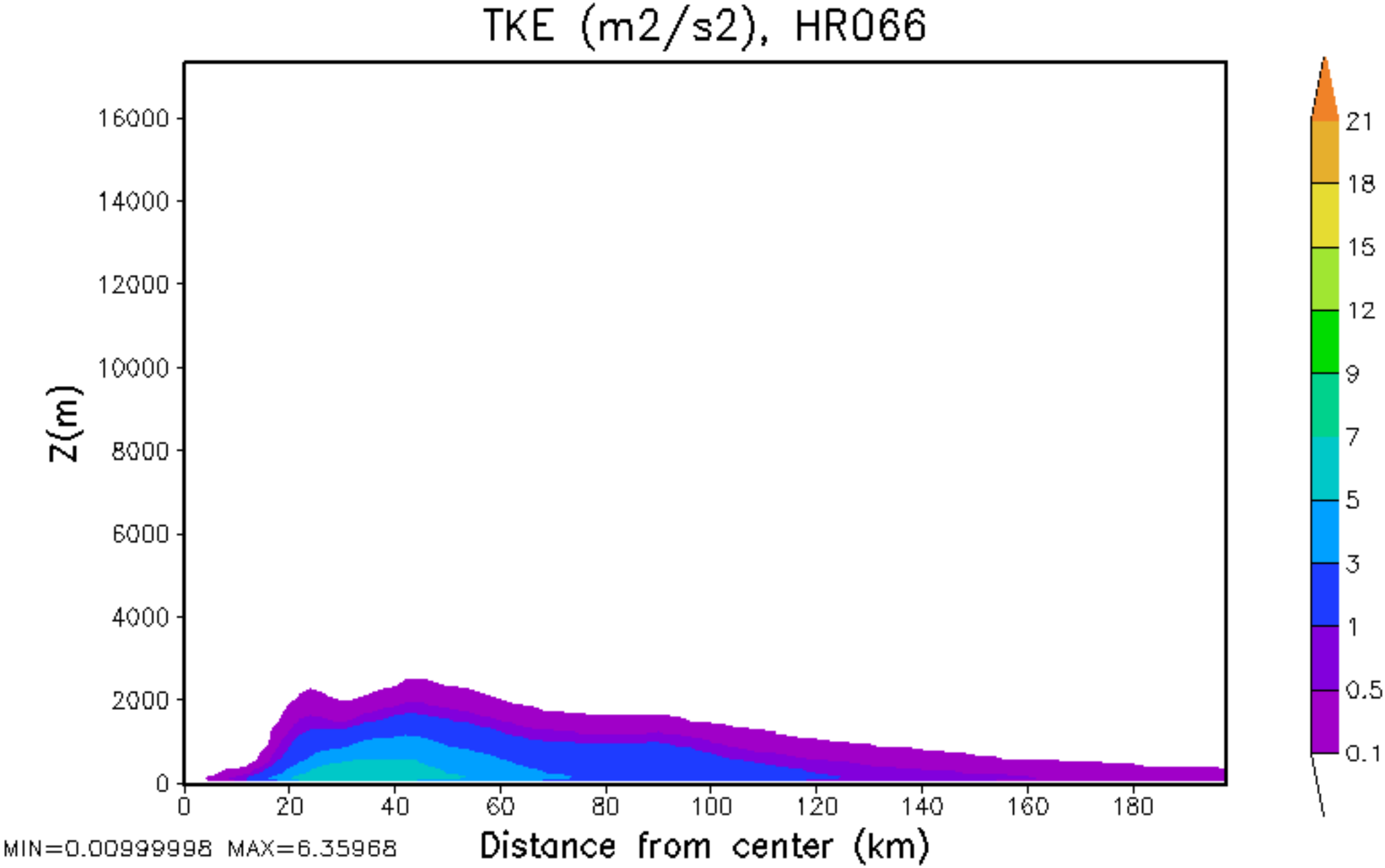

TKE (m2/s2), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999994 MAX=2.10314
21
18
15
12
9
7
5
3
1
0.5
0.1

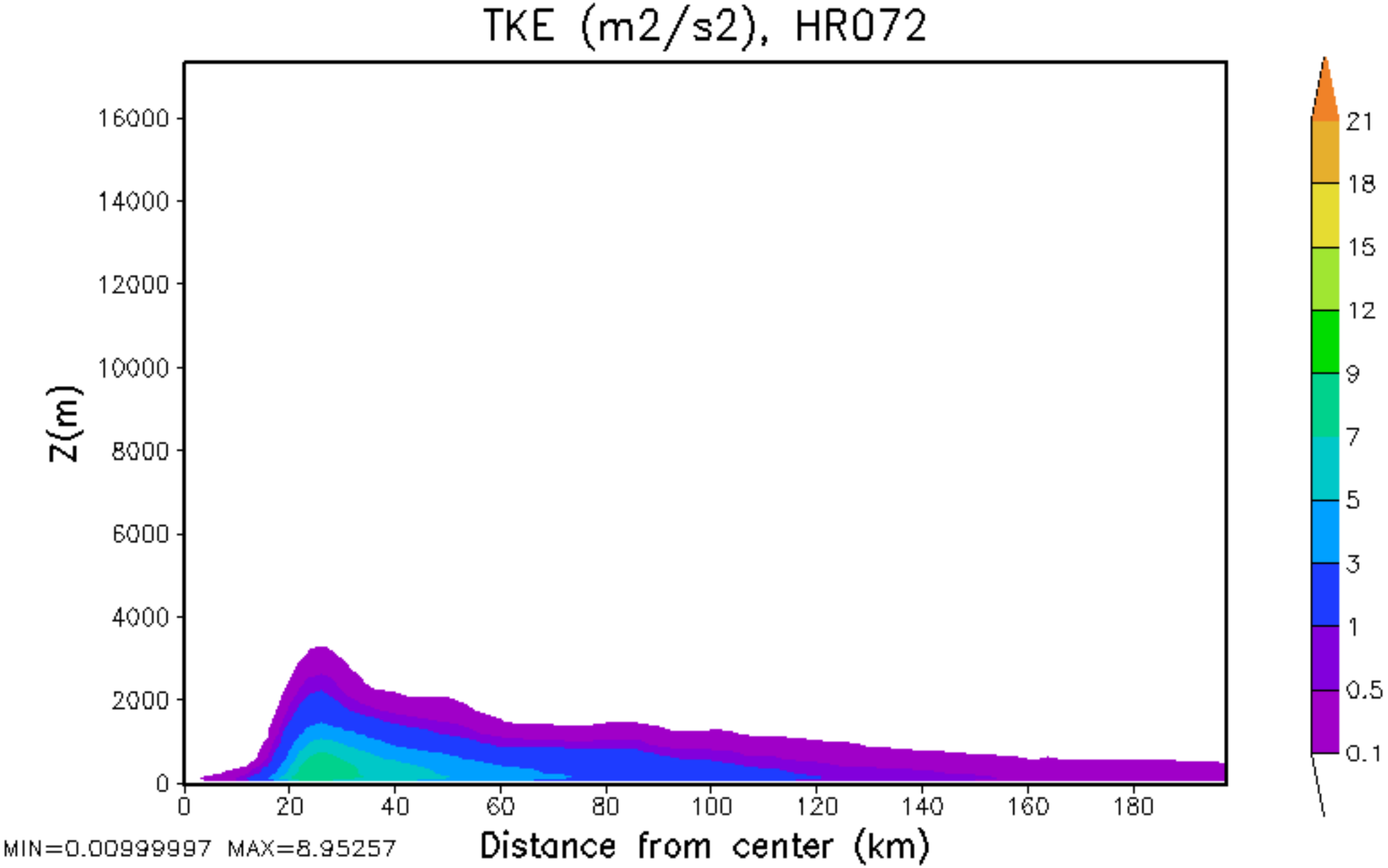

TKE (m2/s2), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999985 MAX=3.15563
21
18
15
12
9
7
5
3
1
0.5
0.1

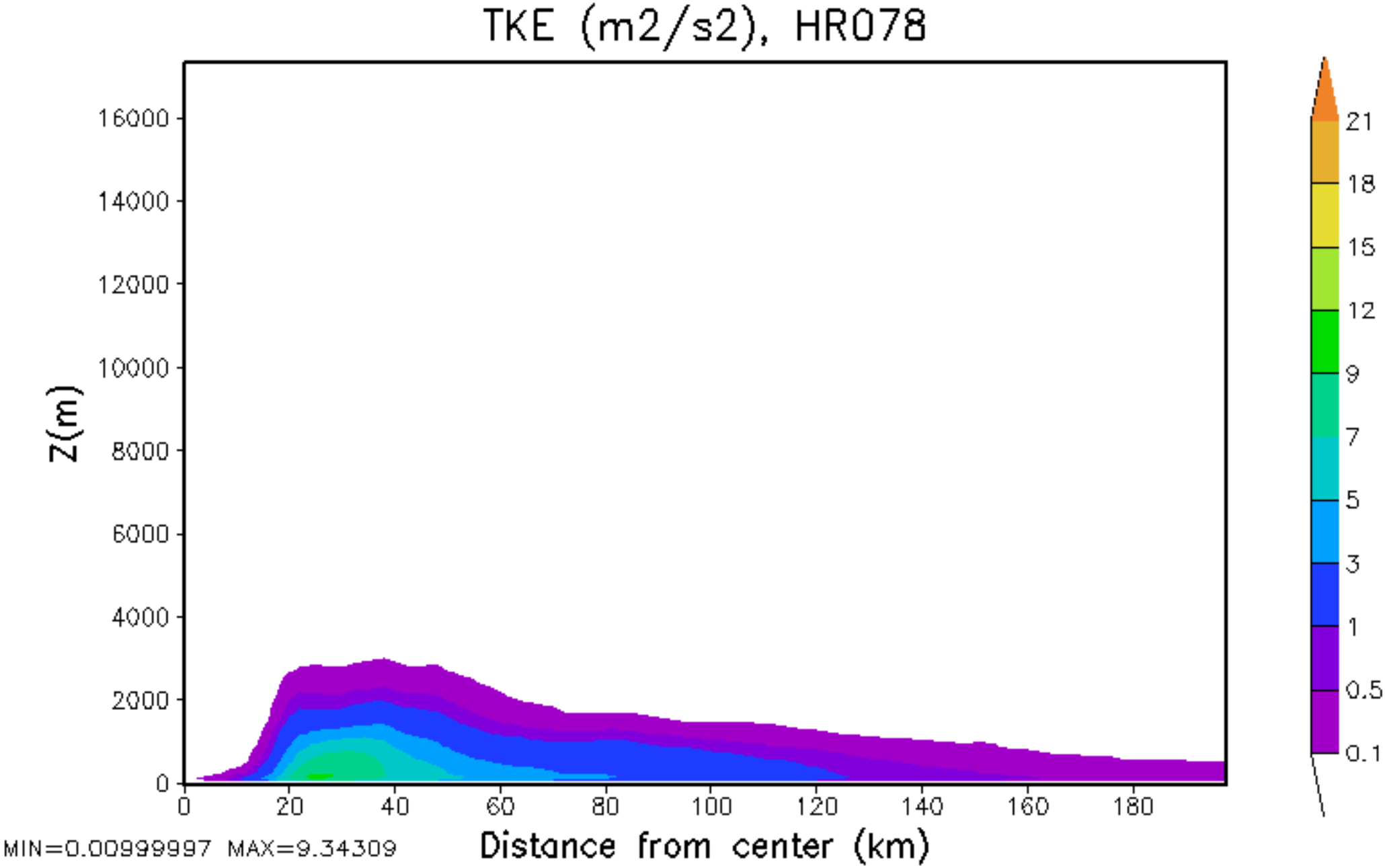

TKE (m2/s2), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999998 MAX=4.27709
21
18
15
12
9
7
5
3
1
0.5
0.1

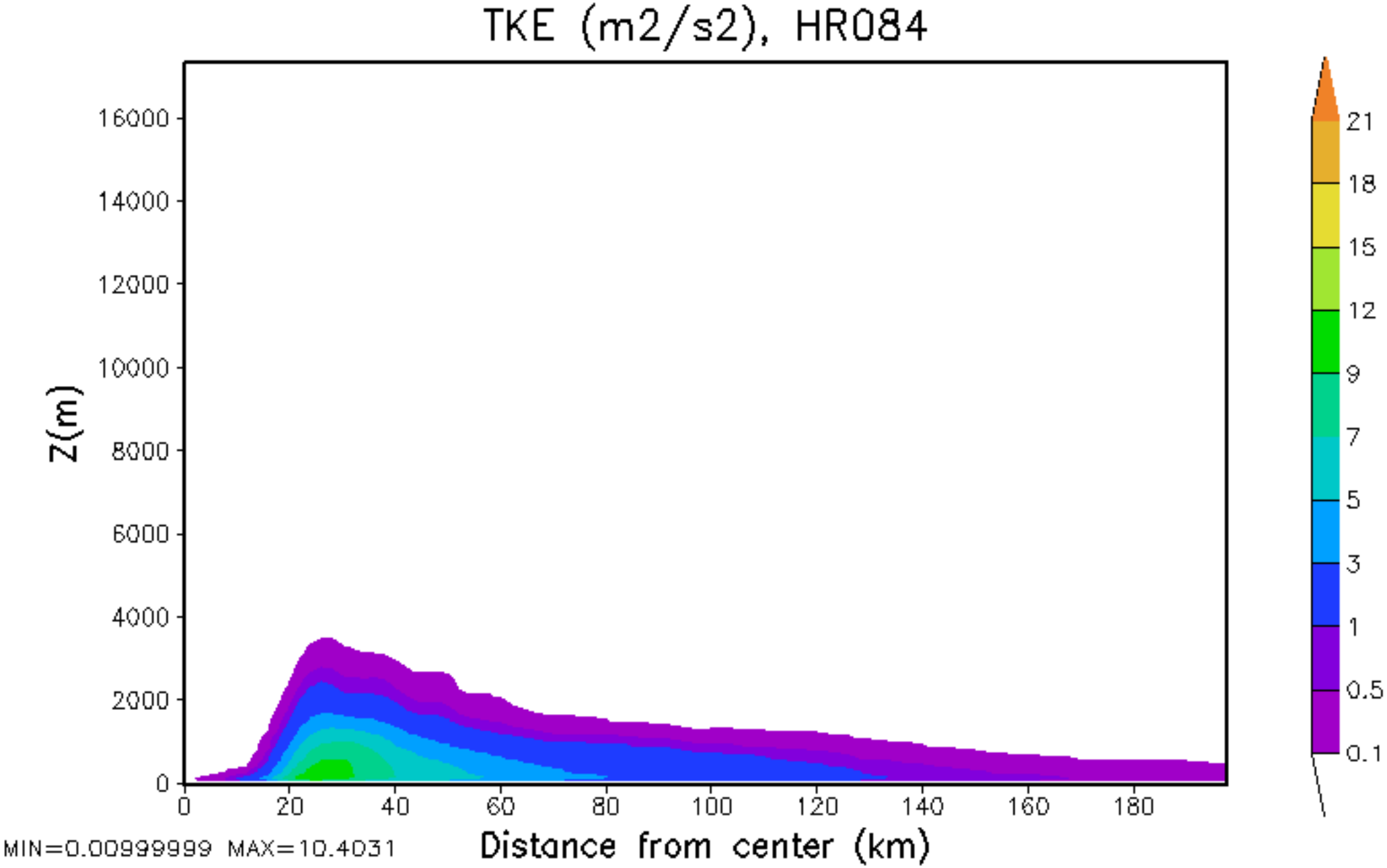

TKE (m2/s2), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=5.82229

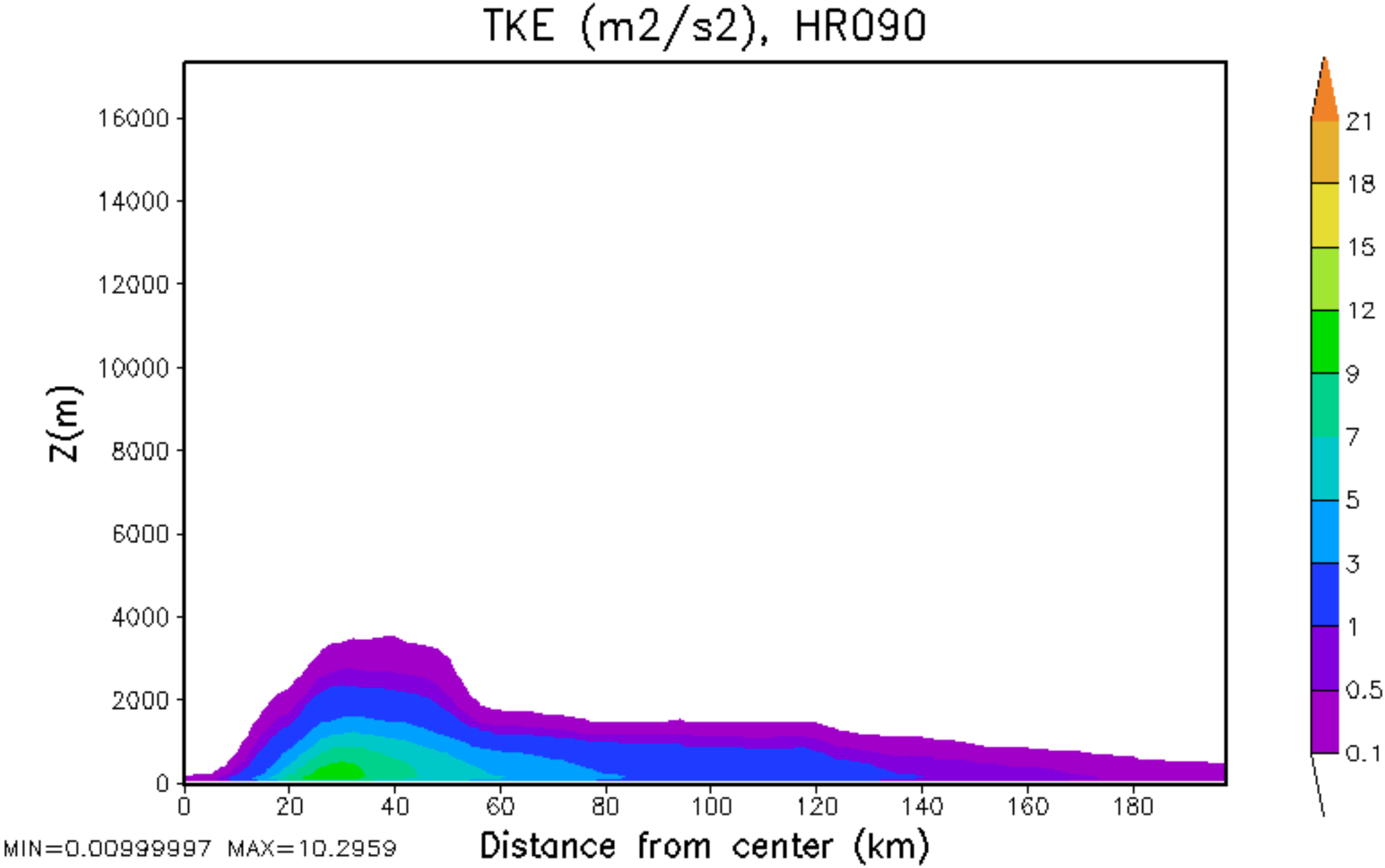

TKE (m2/s2), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999999 MAX=5.45356
21
18
15
12
9
7
5
3
1
0.5
0.1

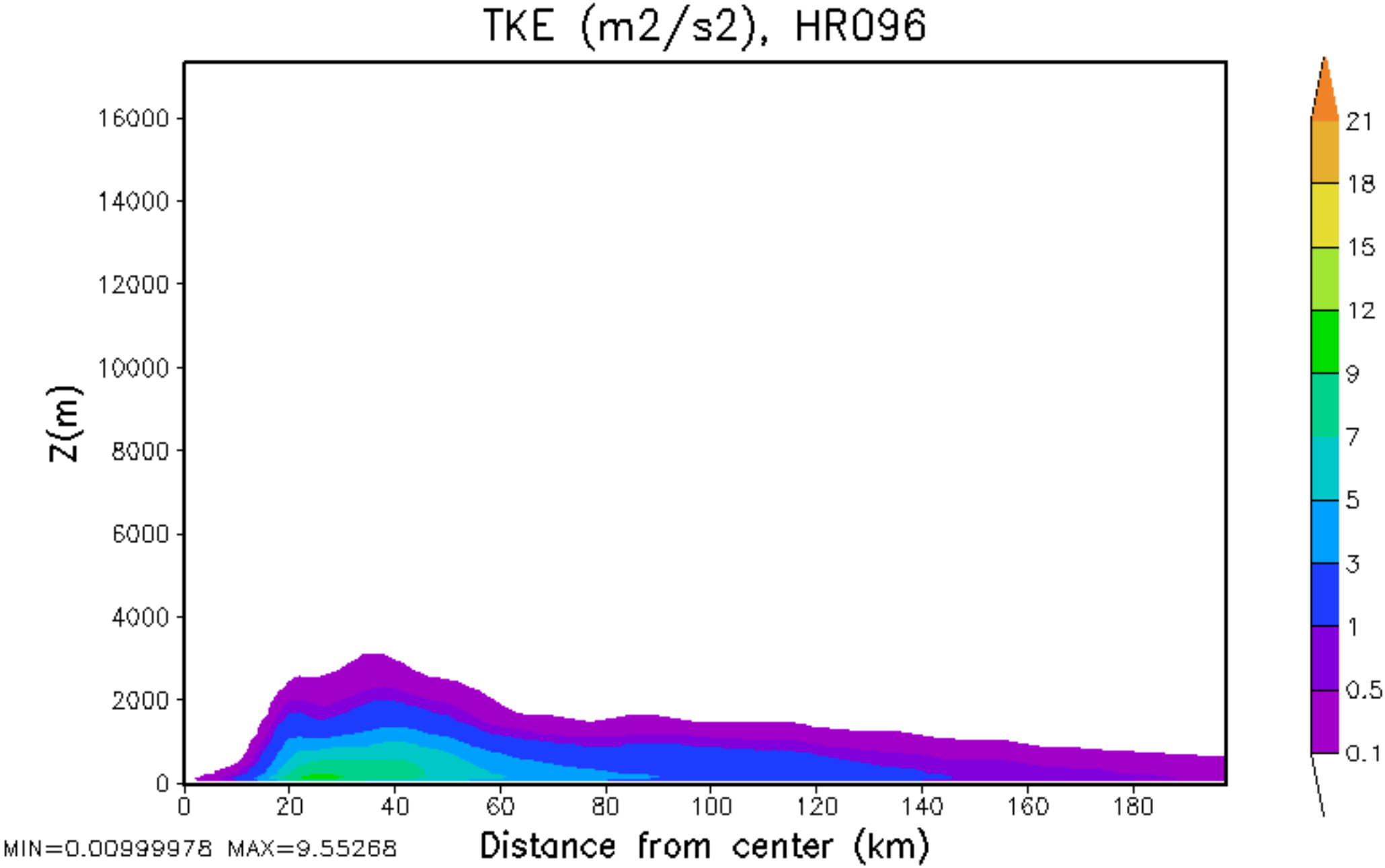

TKE (m2/s2), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999998 MAX=6.35968
21
18
15
12
9
7
5
3
1
0.5
0.1

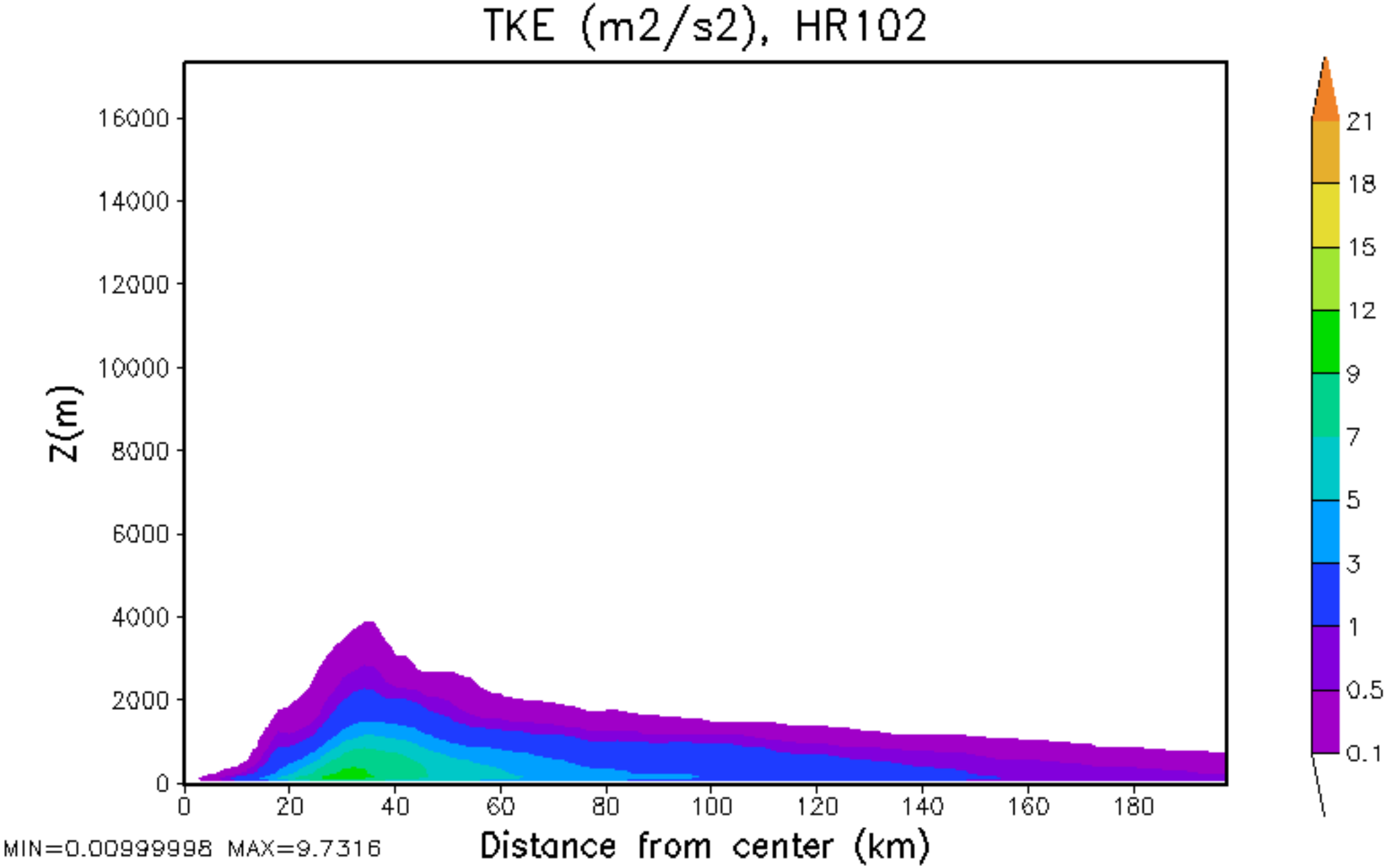

TKE (m2/s2), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=8.95257

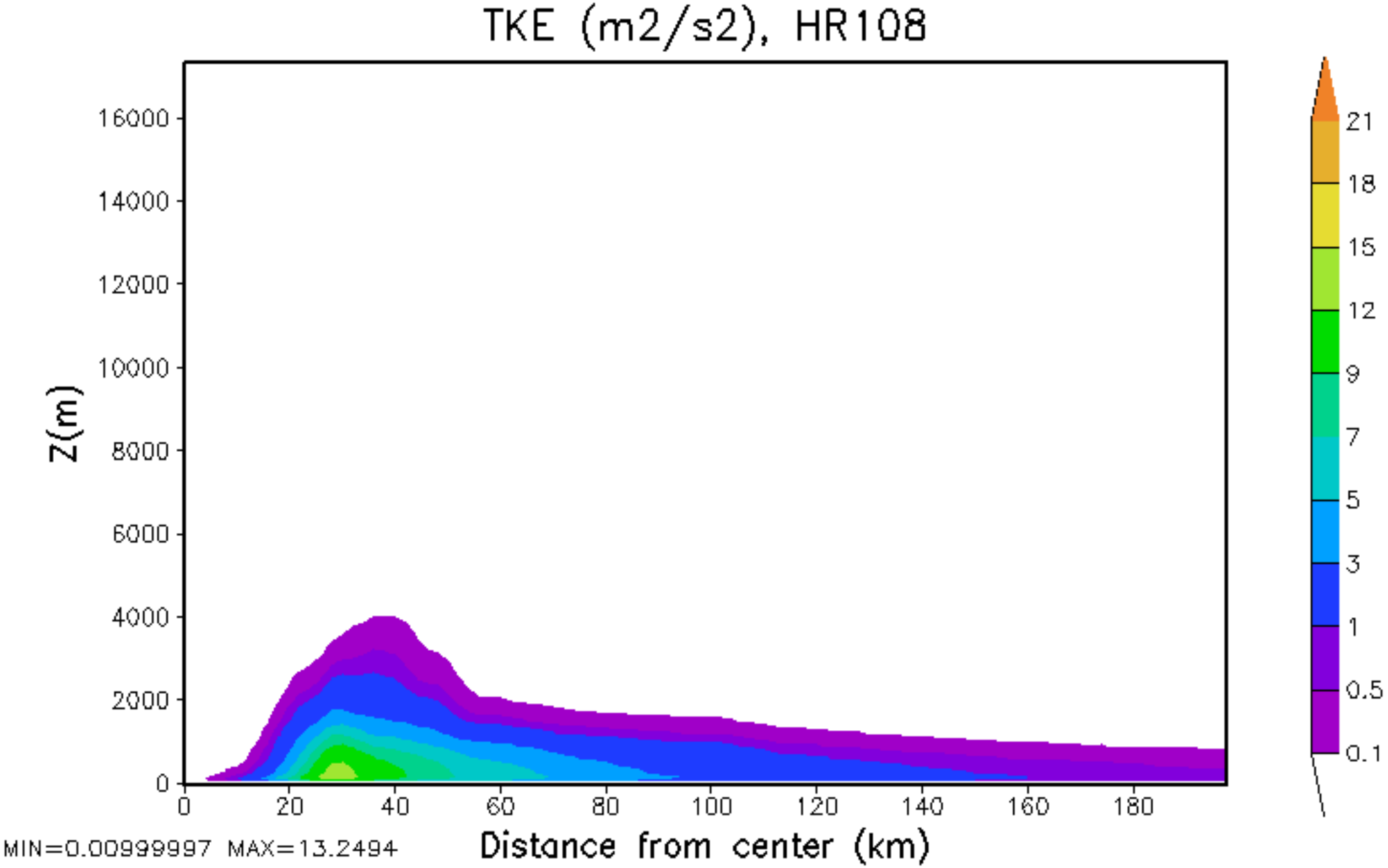

TKE (m2/s2), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=9.34309

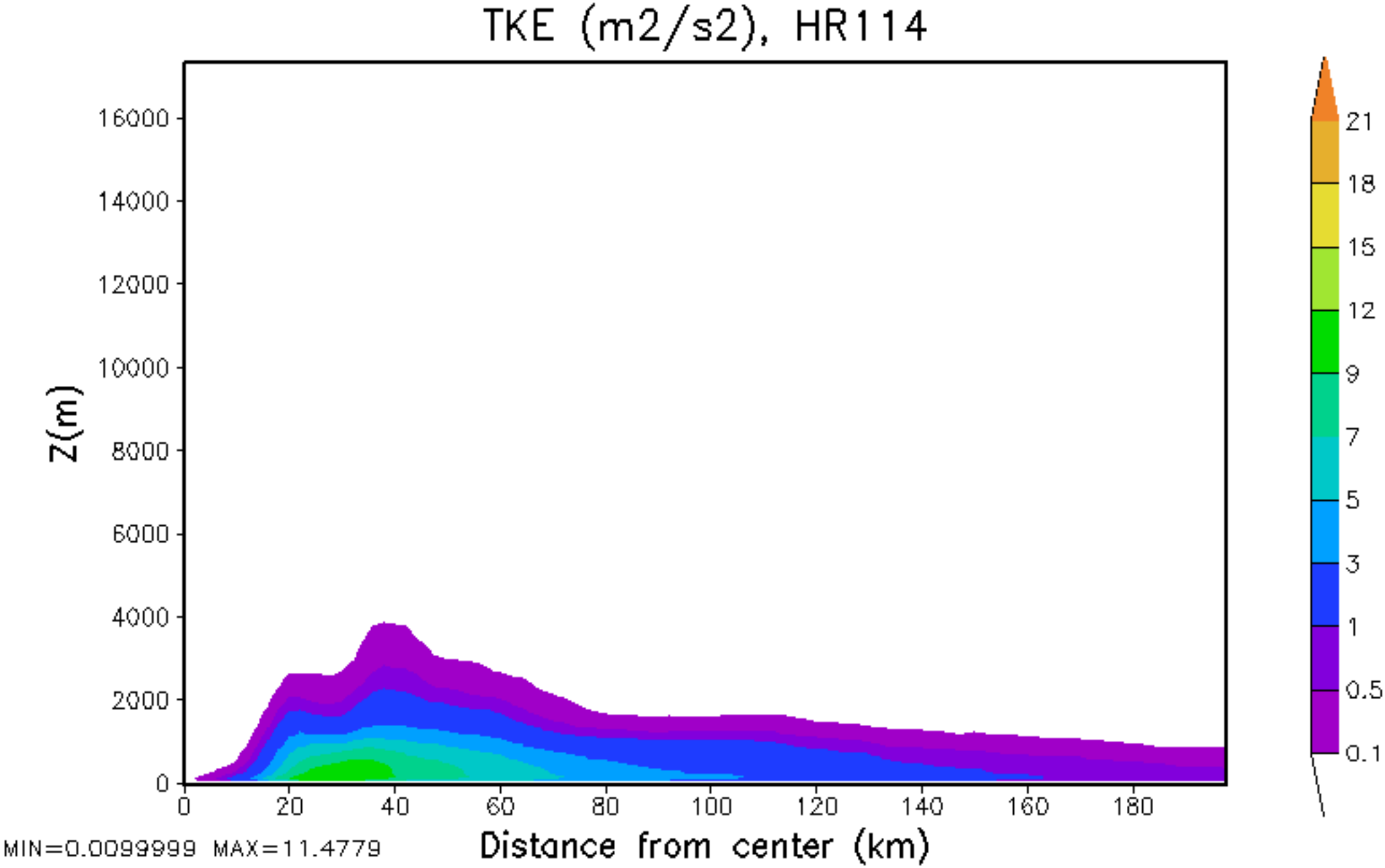

TKE (m2/s2), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=10.4031

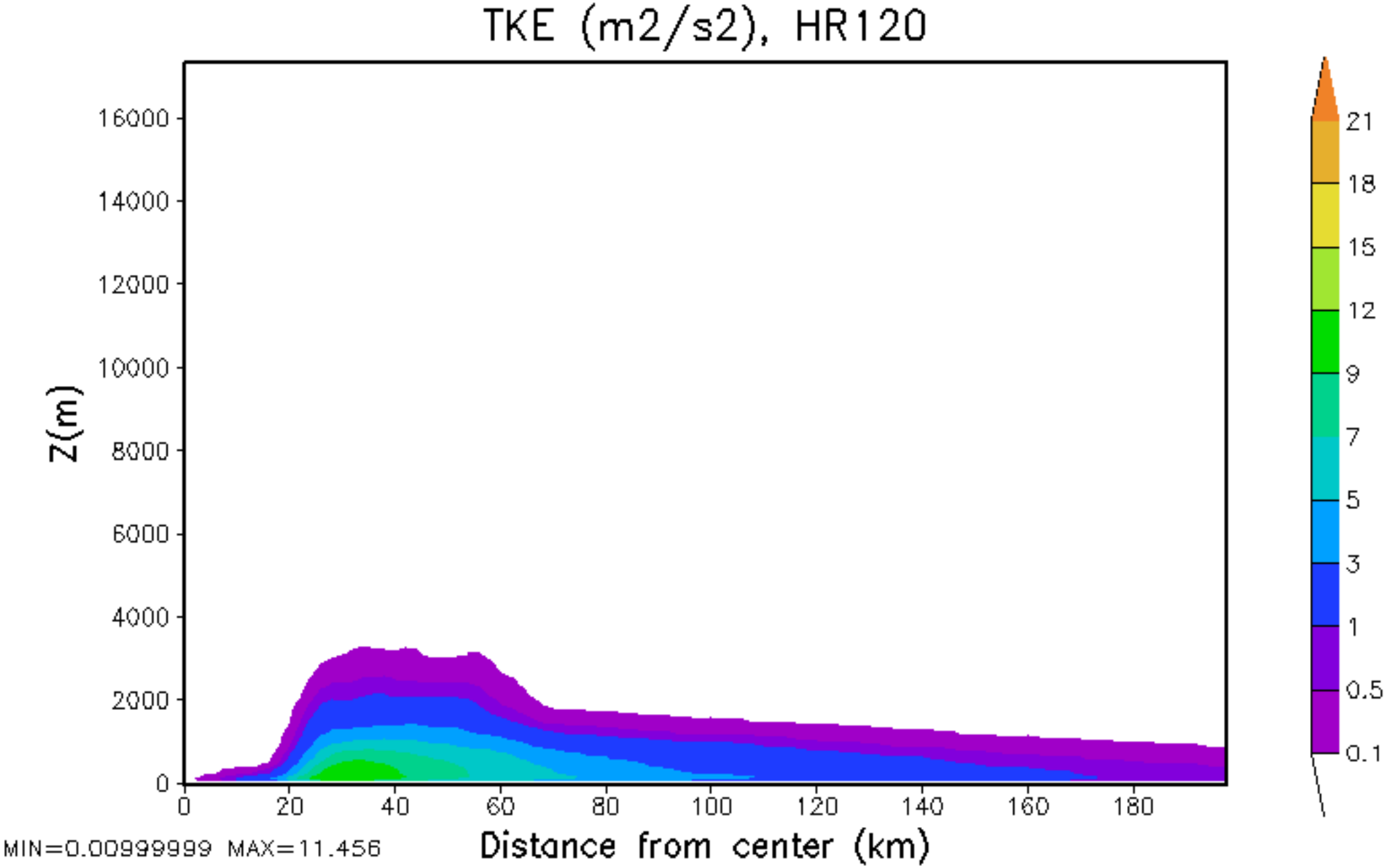

TKE (m2/s2), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=10.2959

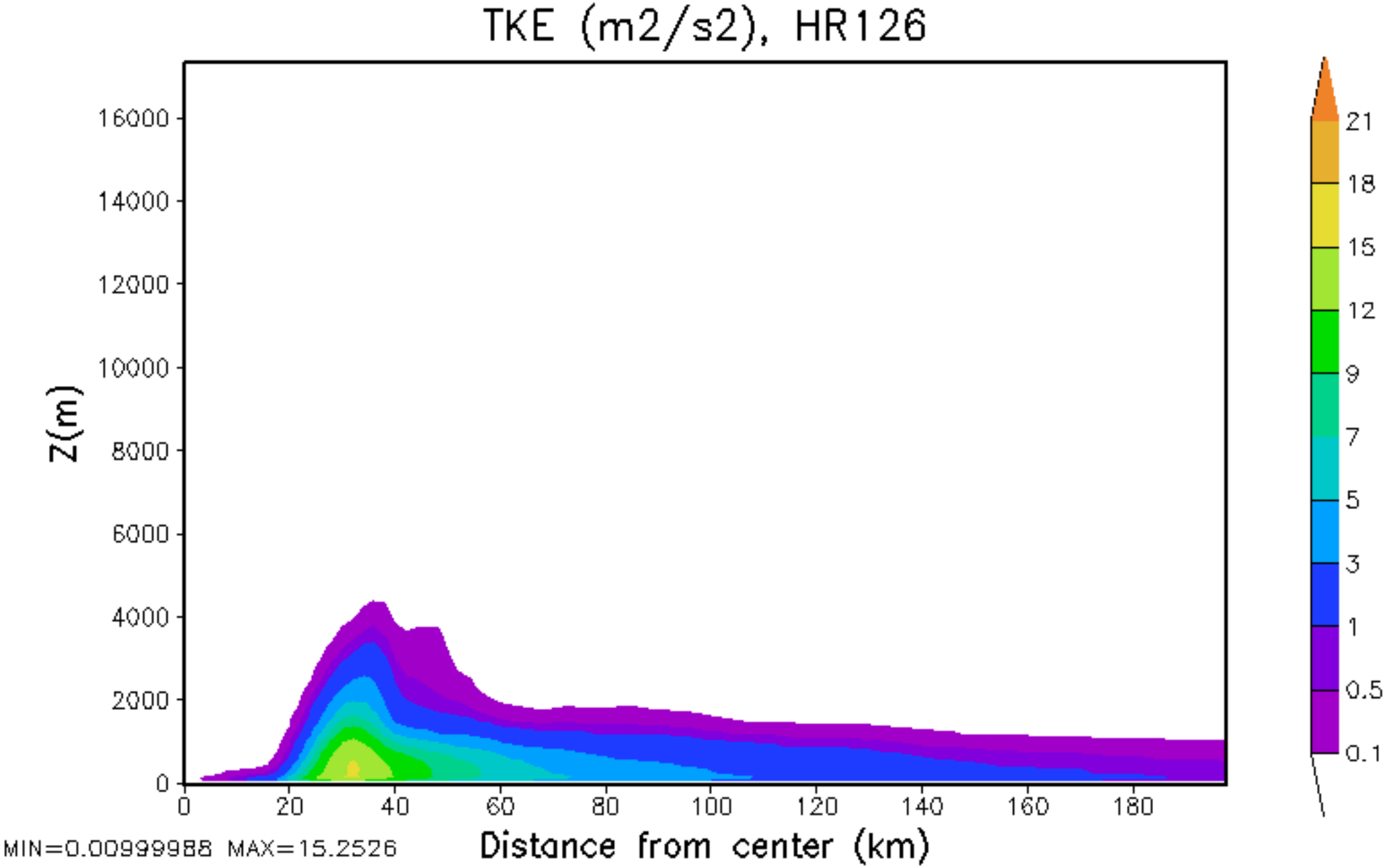

TKE (m2/s2), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999978 MAX=9.55268

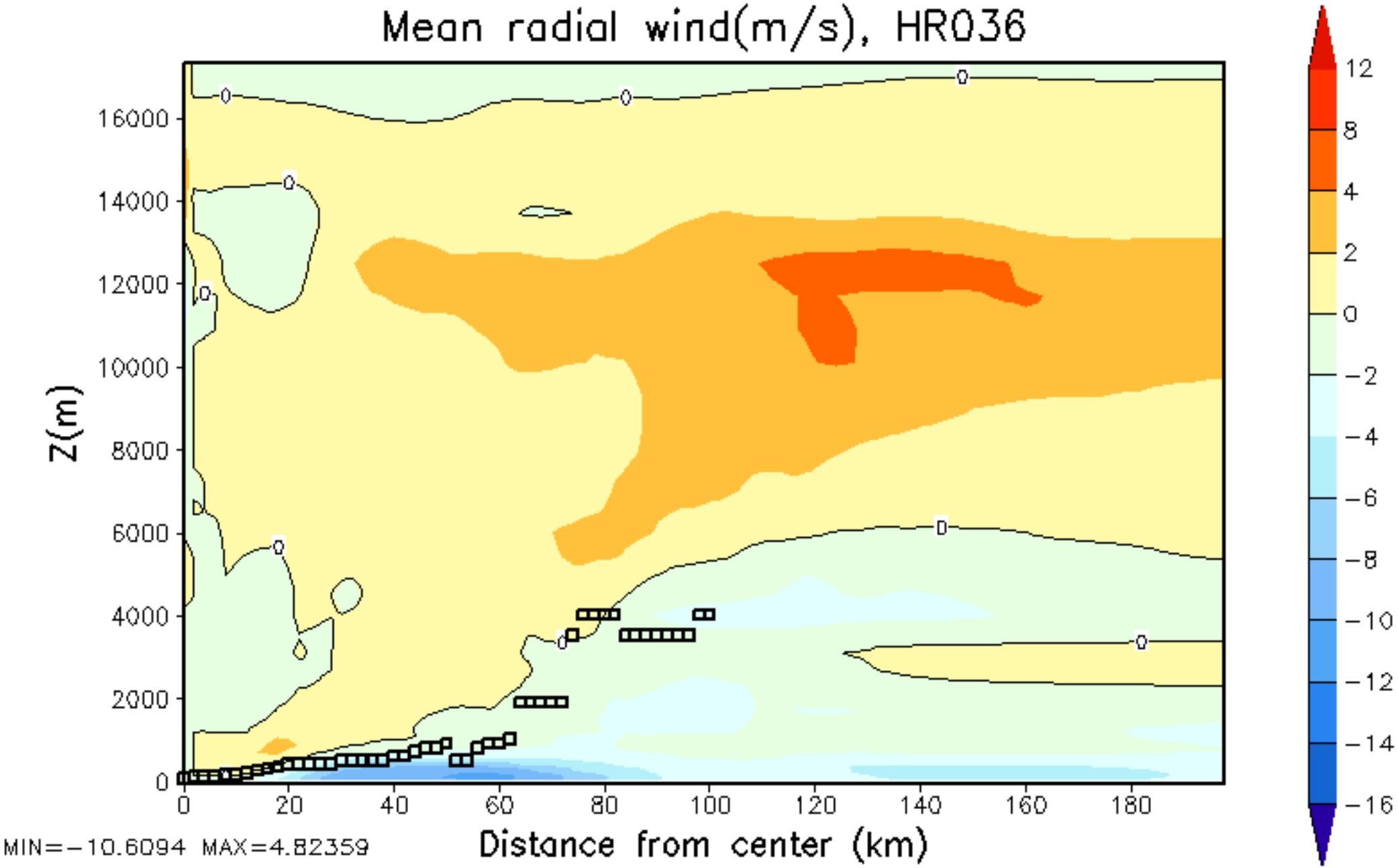

TKE (m2/s2), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999998 MAX=9.7316
21
18
15
12
9
7
5
3
1
0.5
0.1

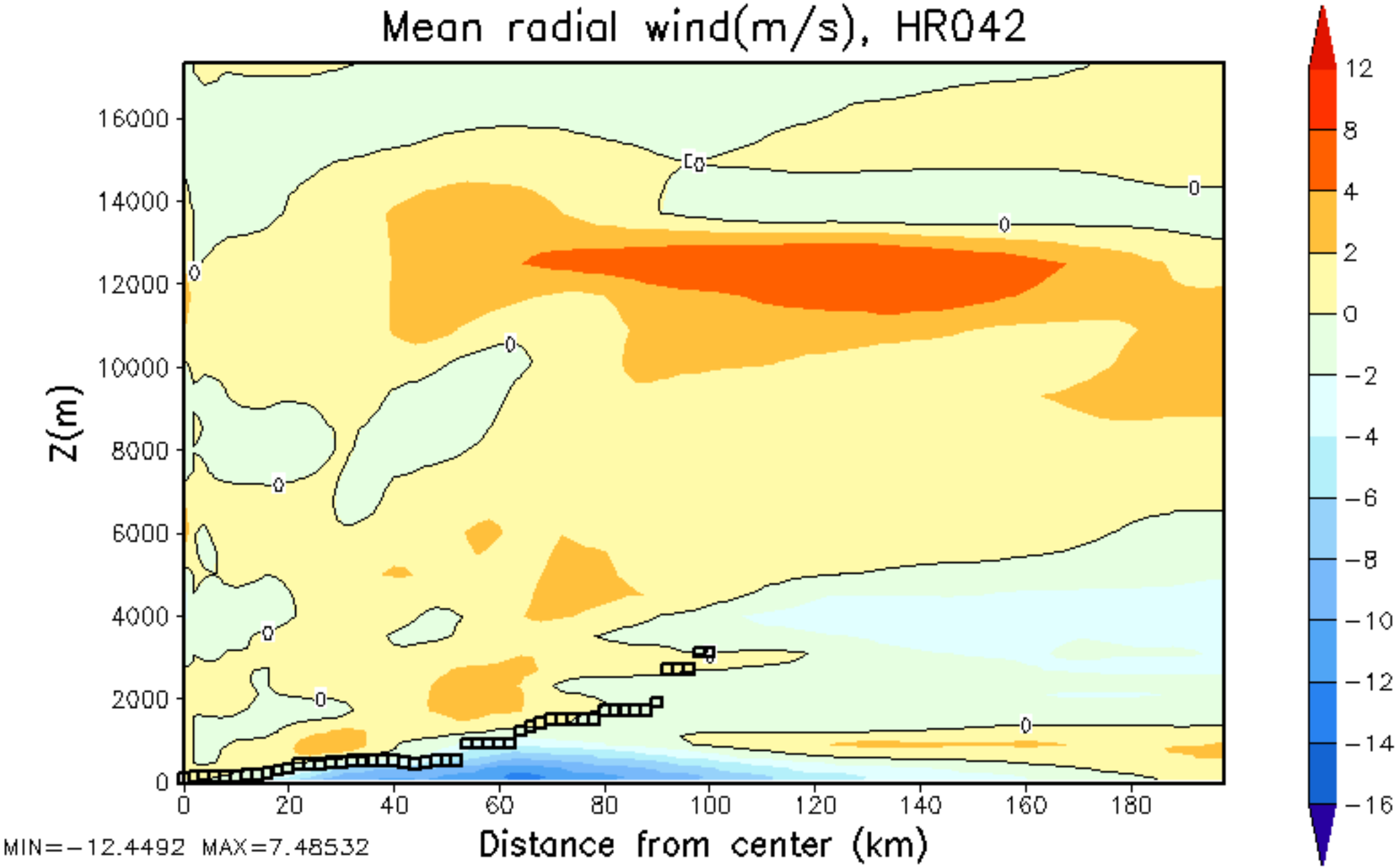

TKE (m2/s2), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=13.2494

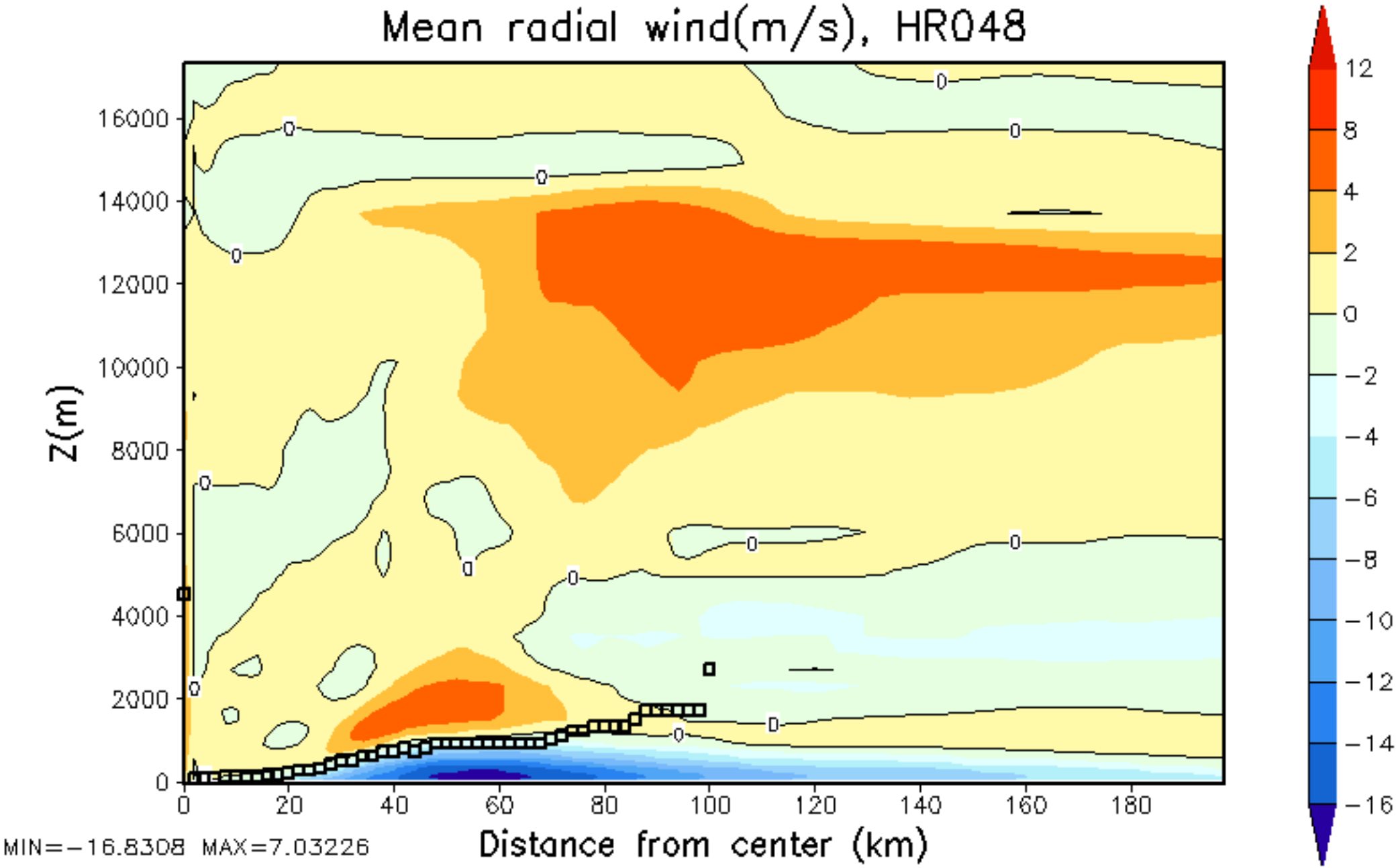

TKE (m2/s2), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.0099999 MAX=11.4779

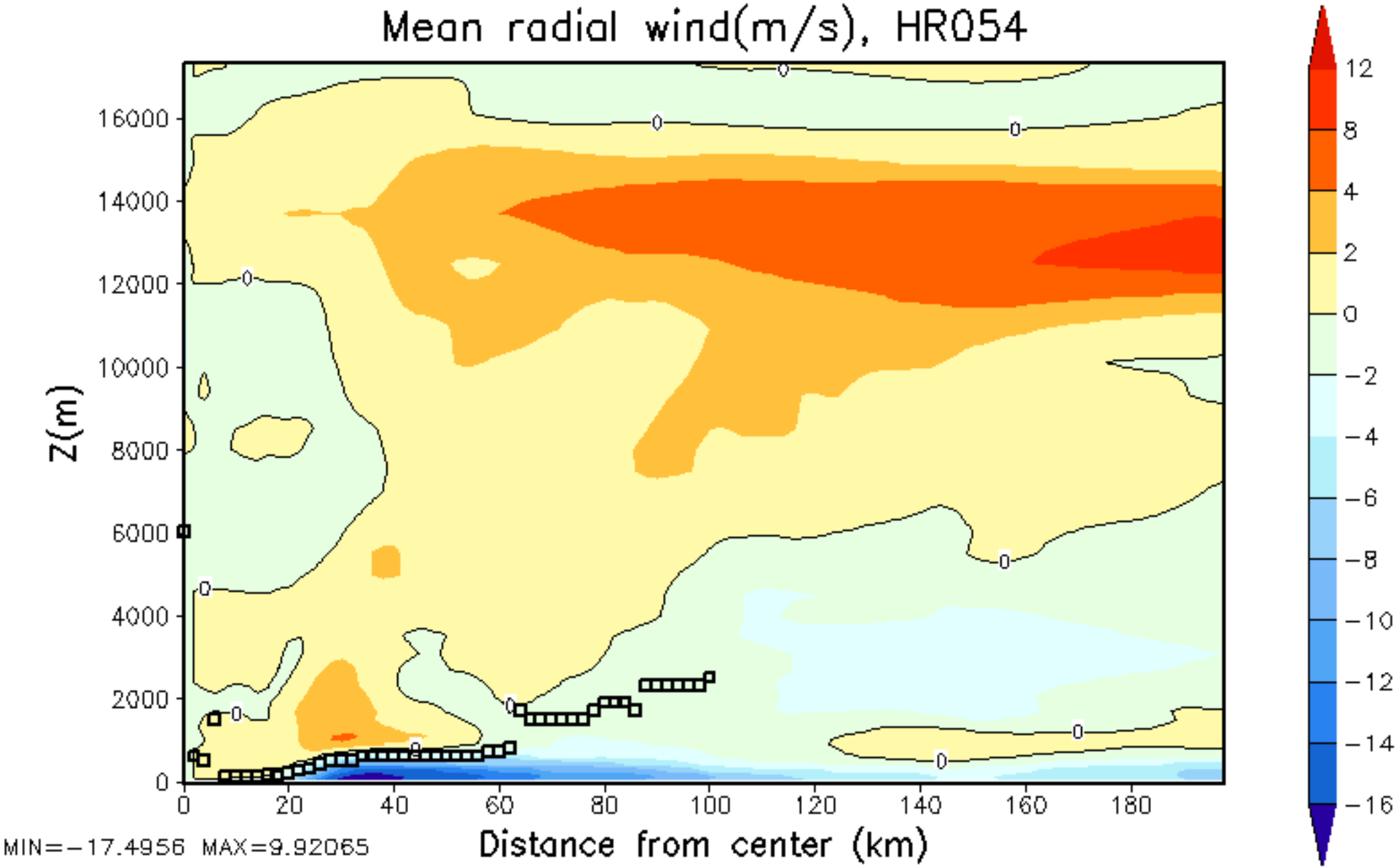

TKE (m2/s2), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=11.456

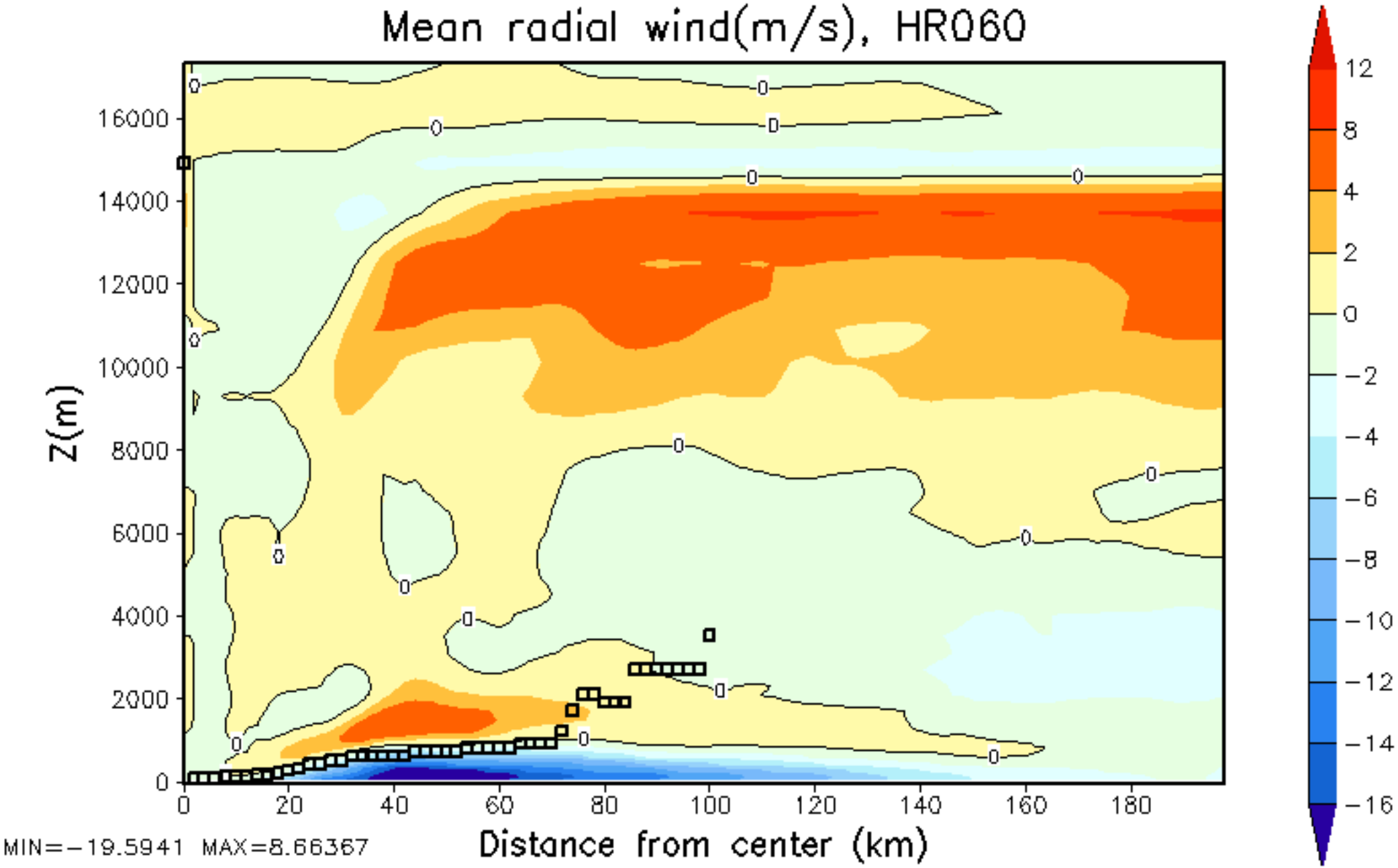

TKE (m2/s2), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999988 MAX=15.2526
21
18
15
12
9
7
5
3
1
0.5
0.1

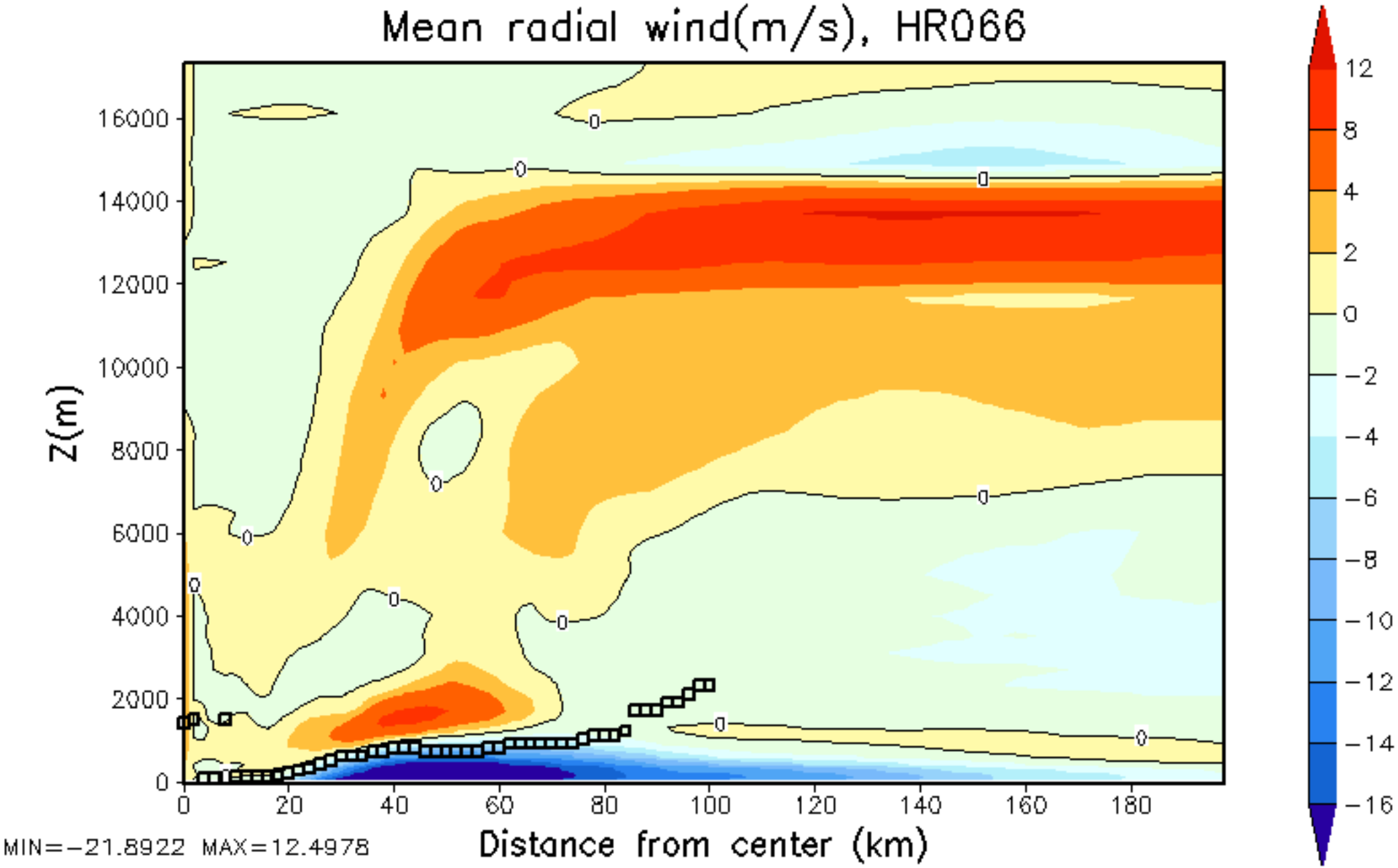

Mean radial wind(m/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-10.6094 MAX=4.82359
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

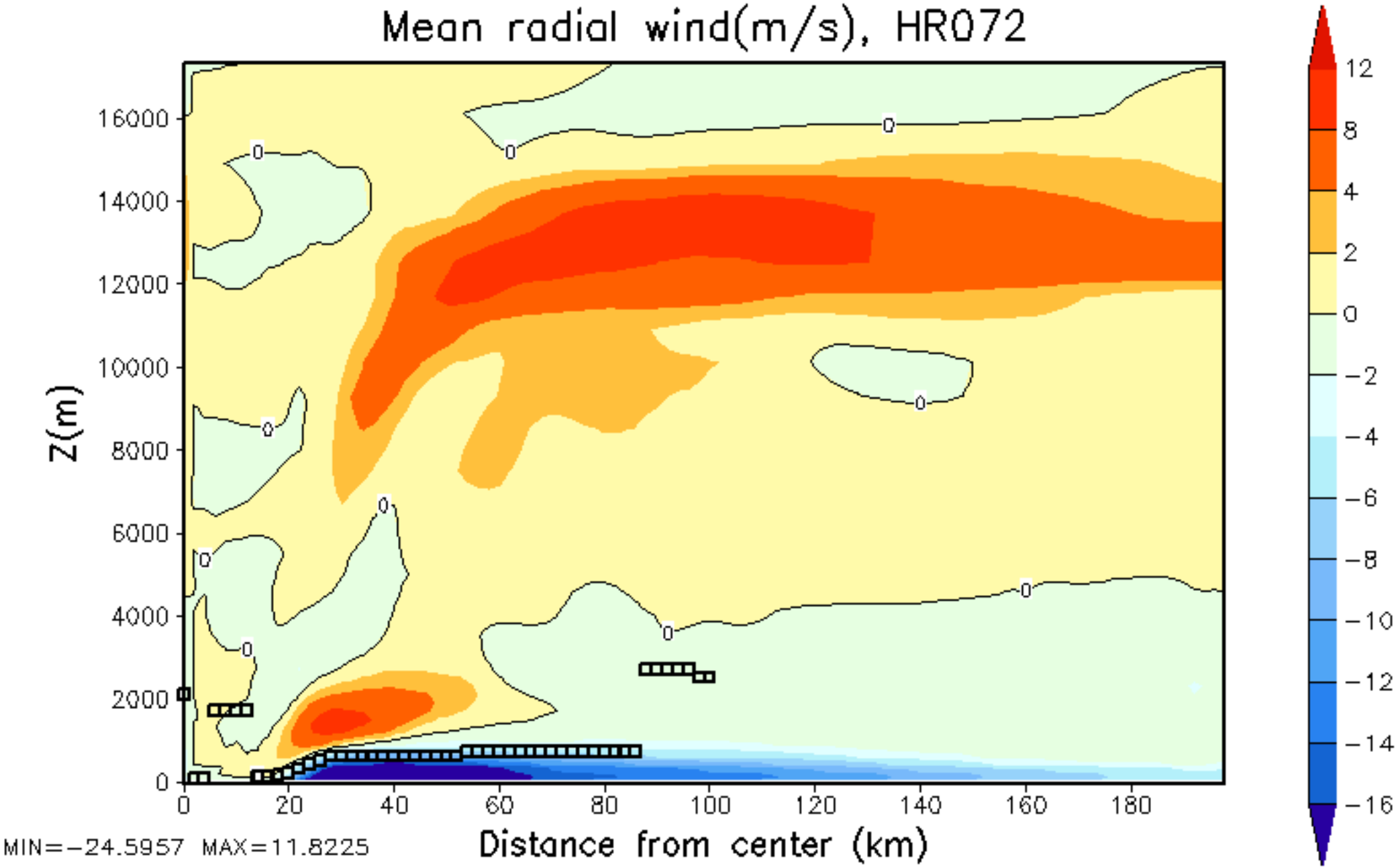

Mean radial wind(m/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-12.4492 MAX=7.48532
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

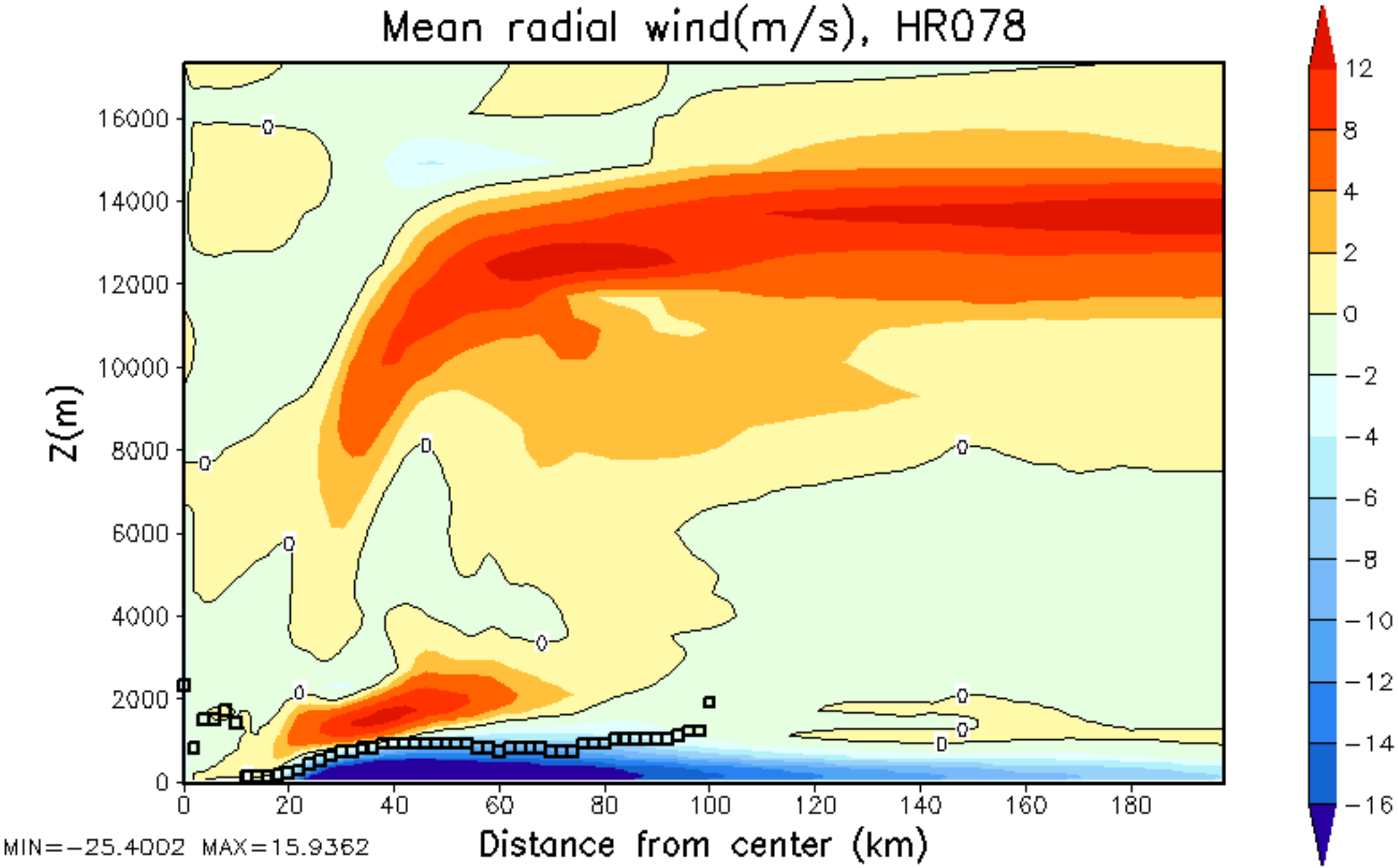

Mean radial wind(m/s), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=−16.8308 MAX=7.03226
12
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16

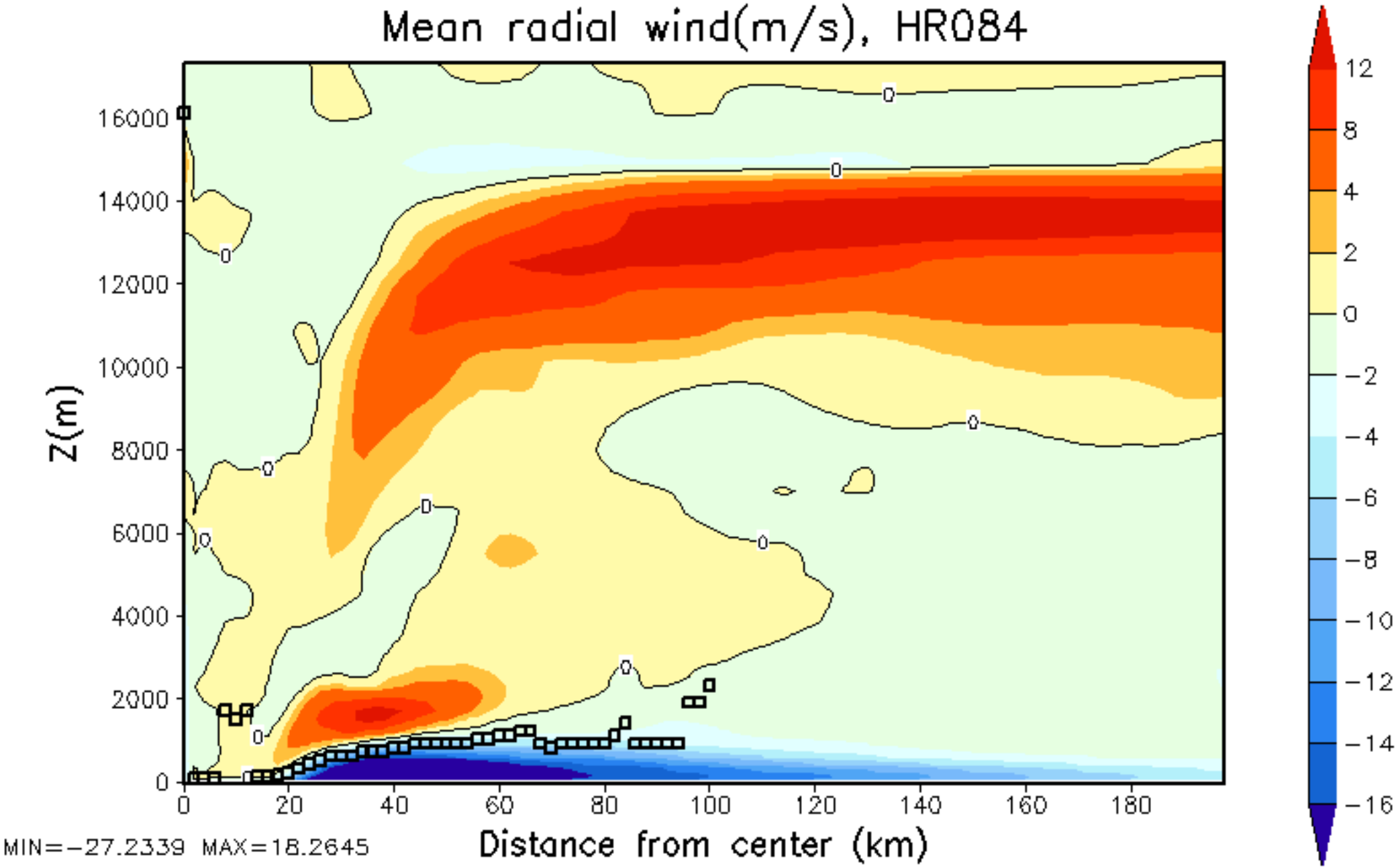

Mean radial wind(m/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=−17.4956 MAX=9.92065
12
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16

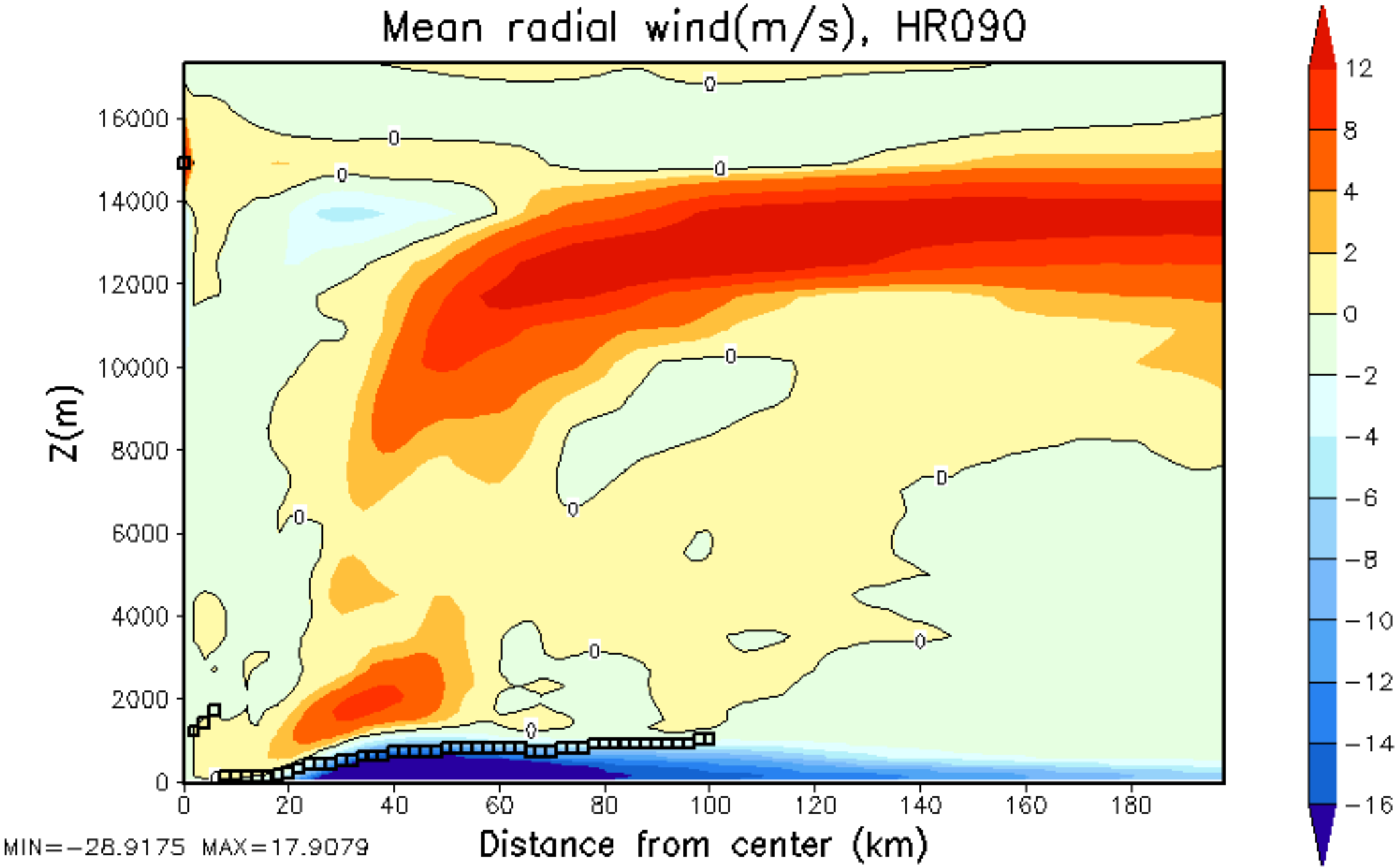

Mean radial wind(m/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-19.5941 MAX=8.66367
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

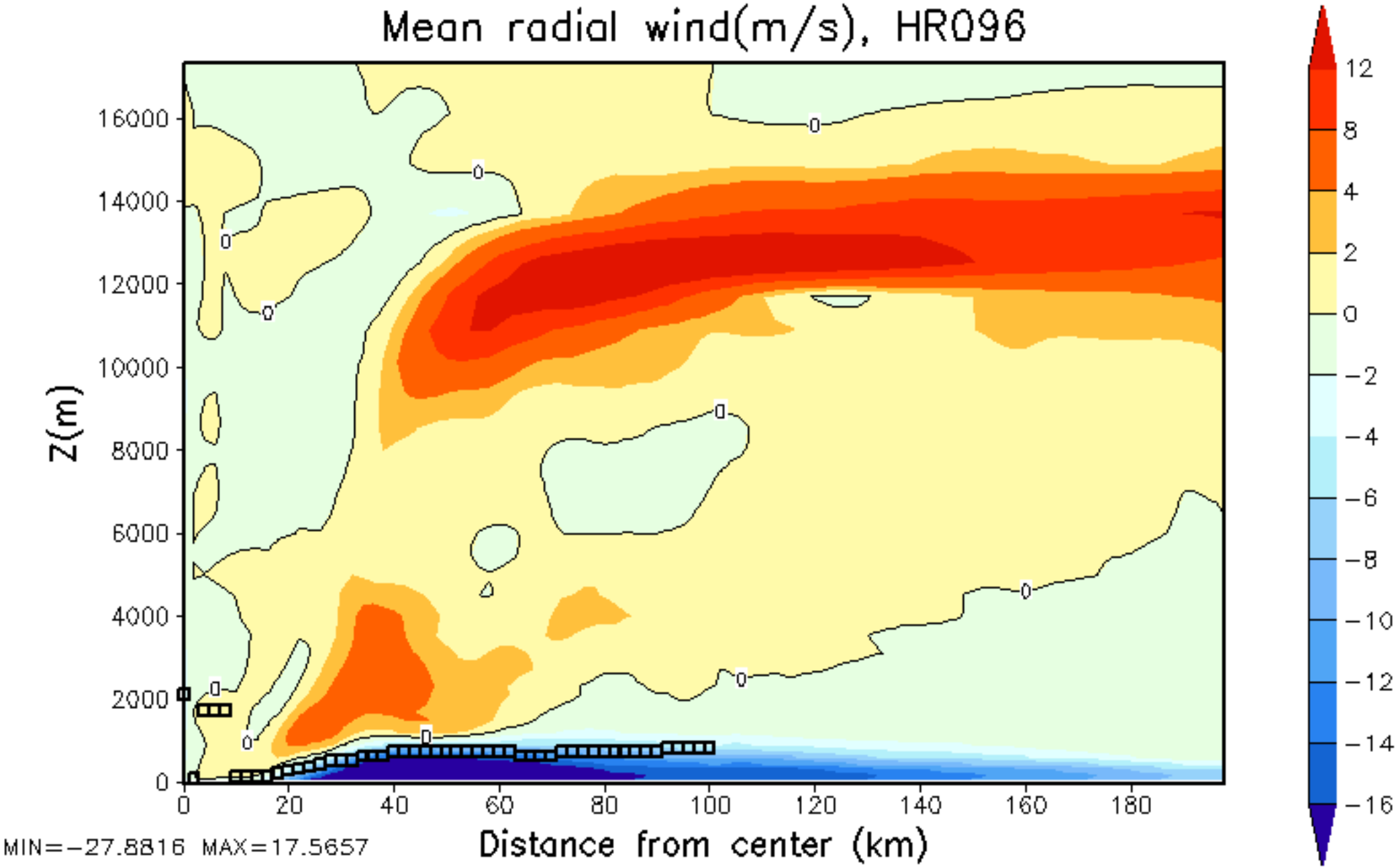

Mean radial wind(m/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-21.8922 MAX=12.4978
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

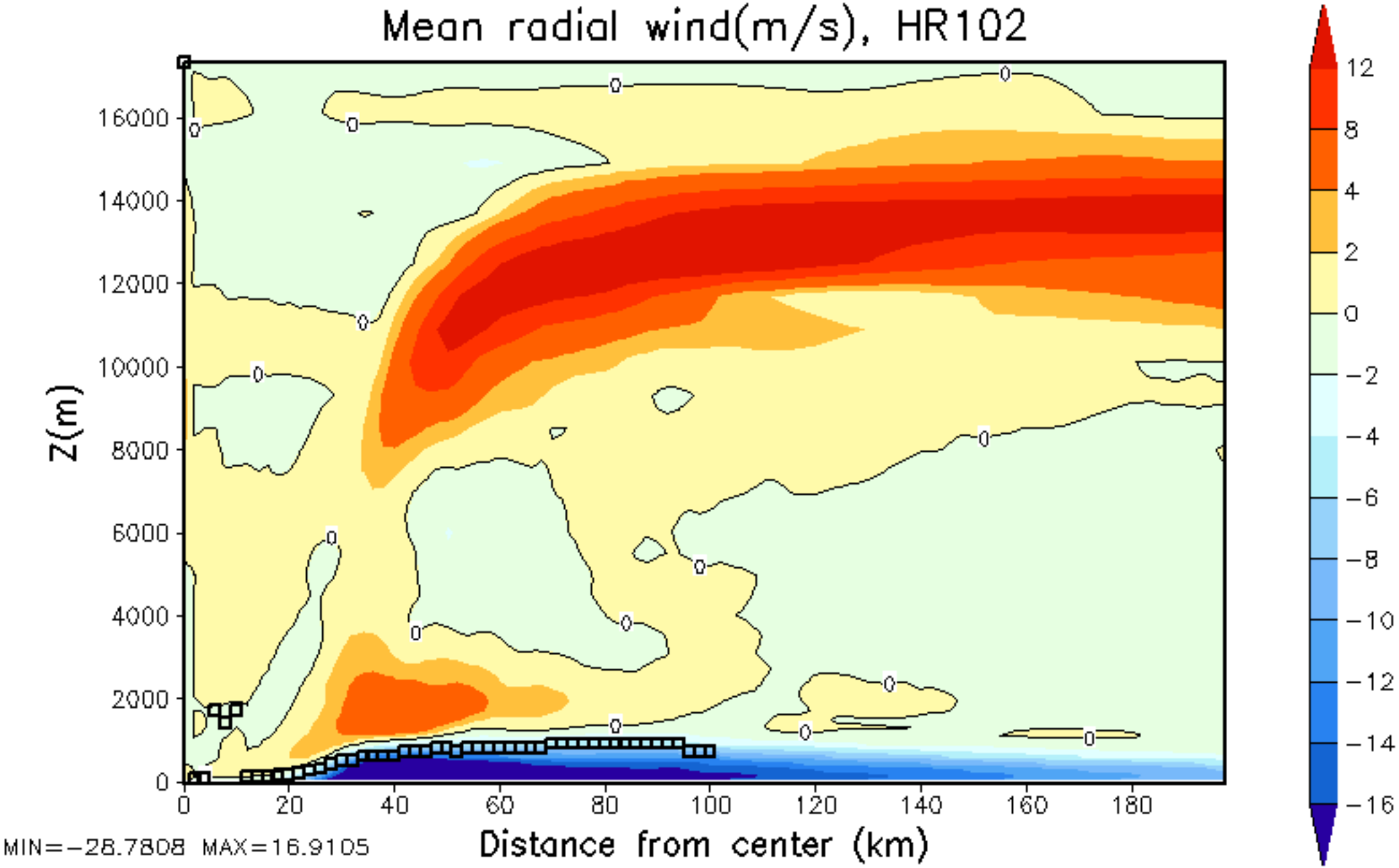

Mean radial wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-24.5957 MAX=11.8225
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

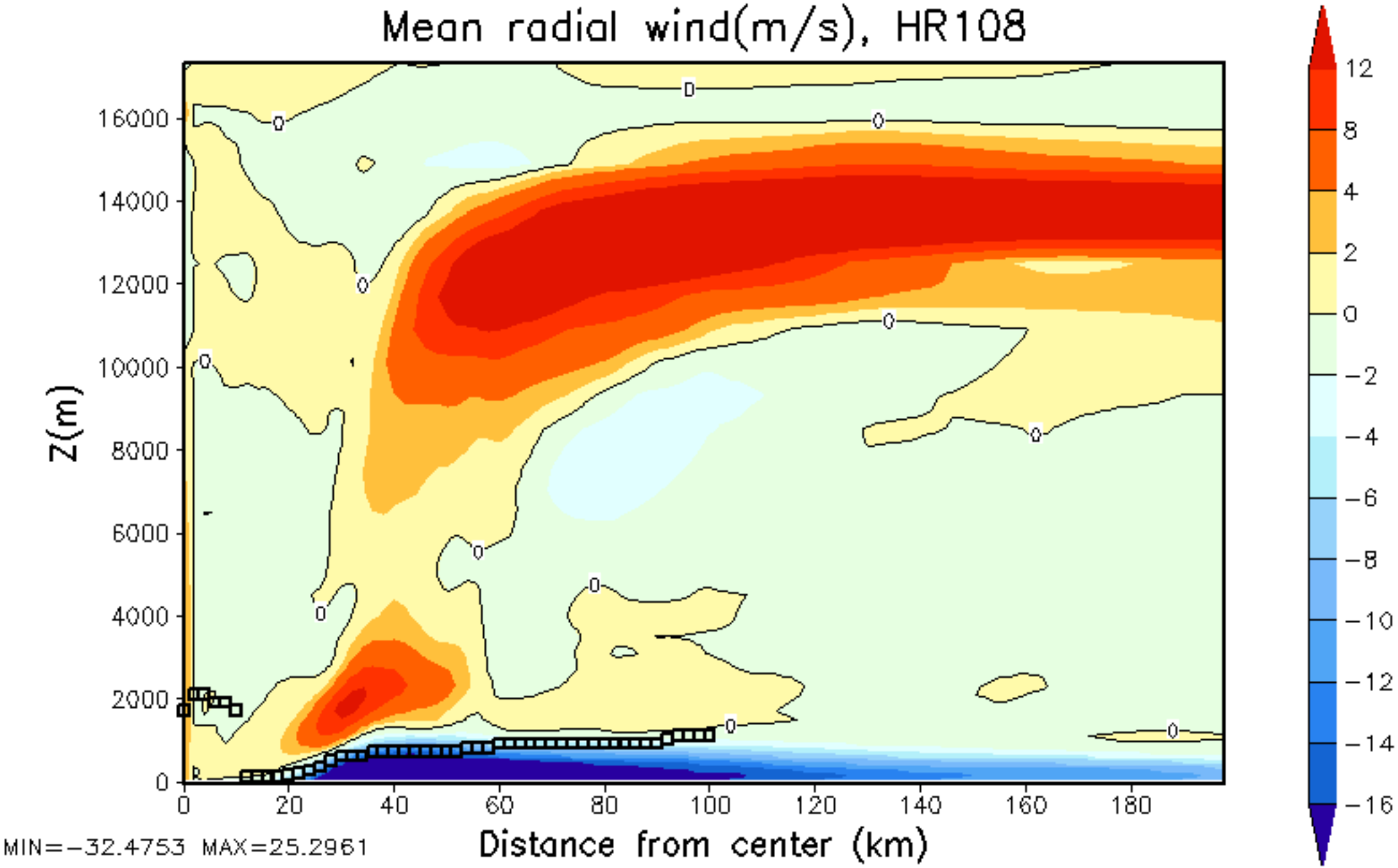

Mean radial wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-25.4002 MAX=15.9362
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

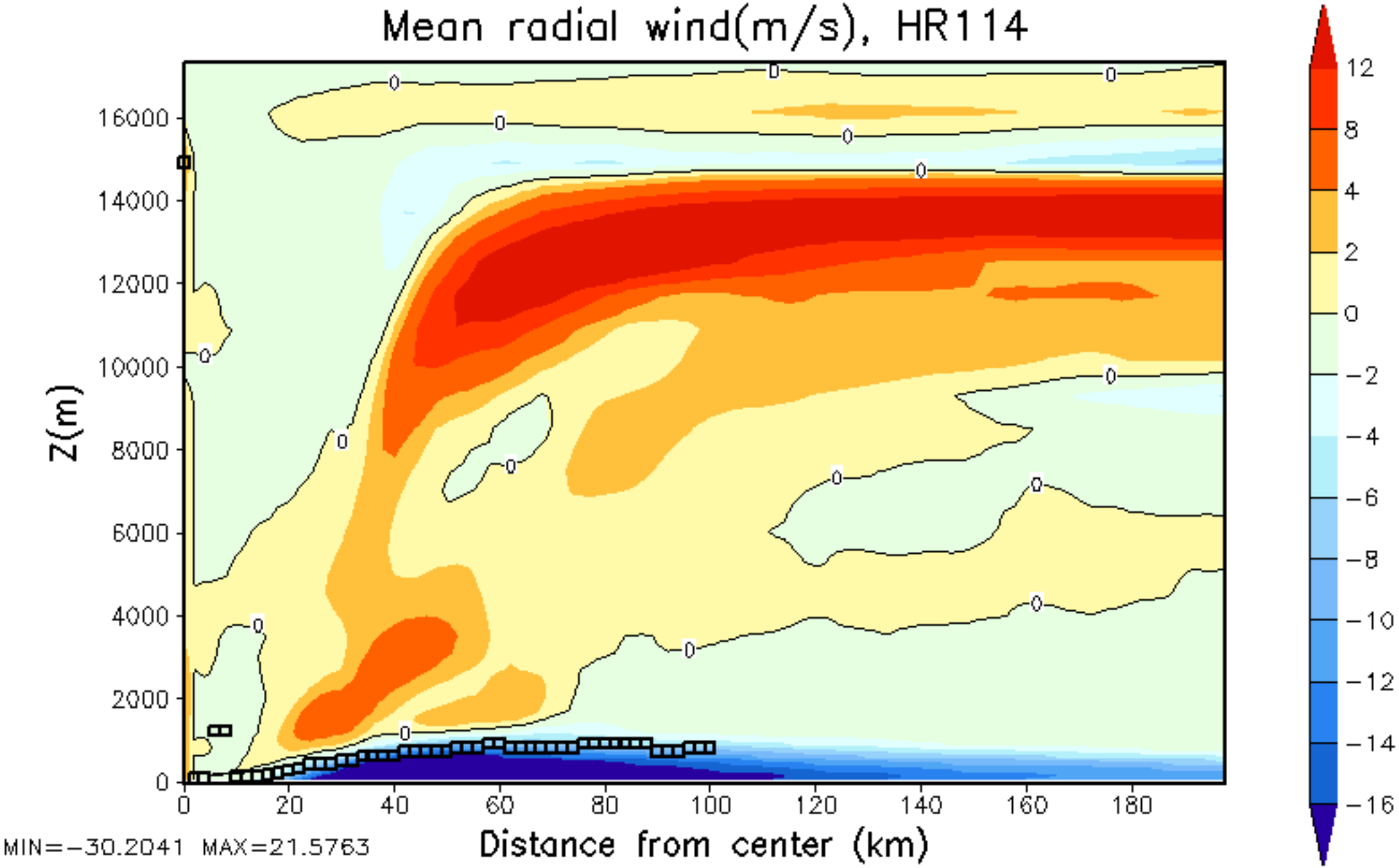

Mean radial wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-27.2339 MAX=18.2645
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

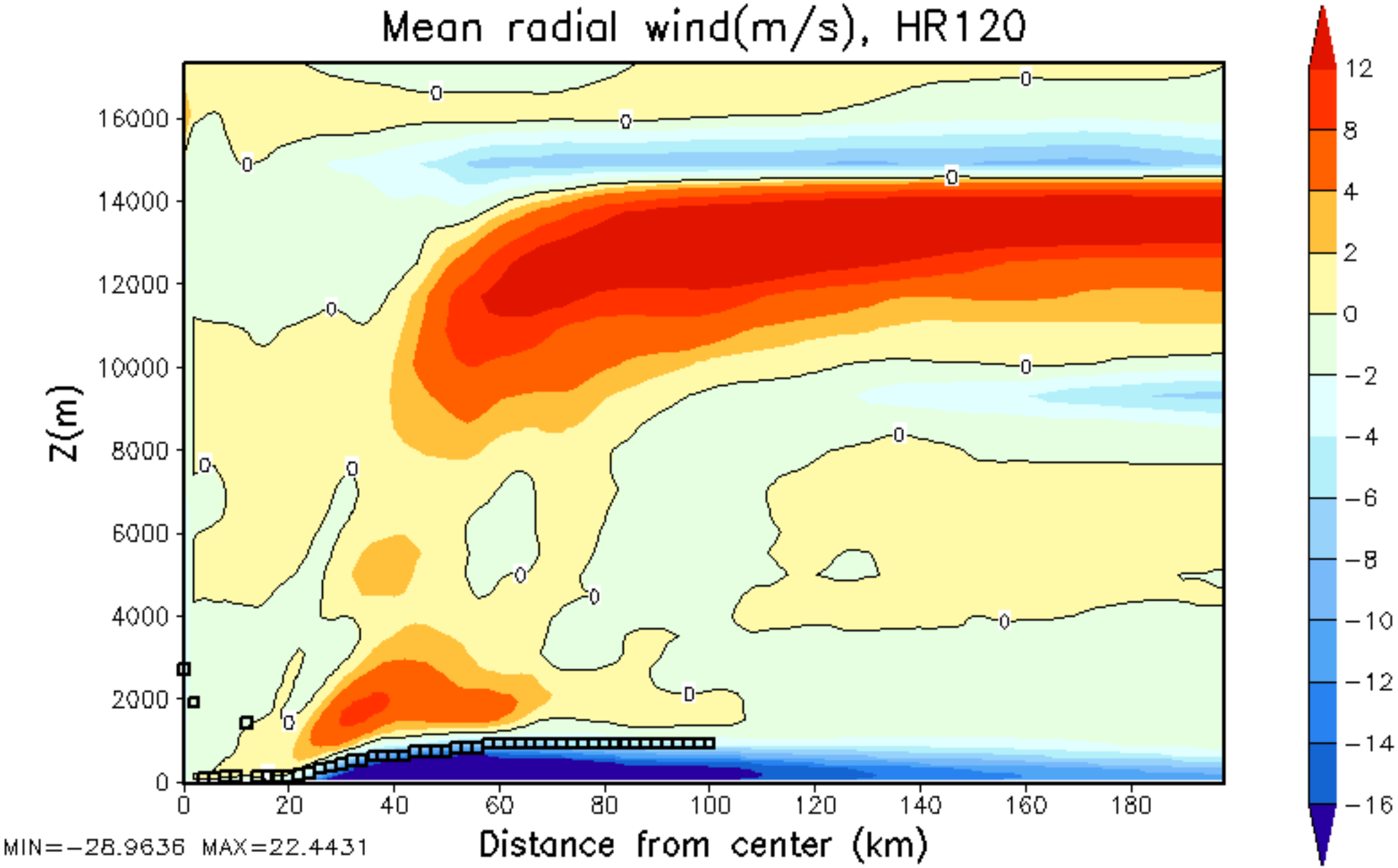

Mean radial wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.9175 MAX=17.9079
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

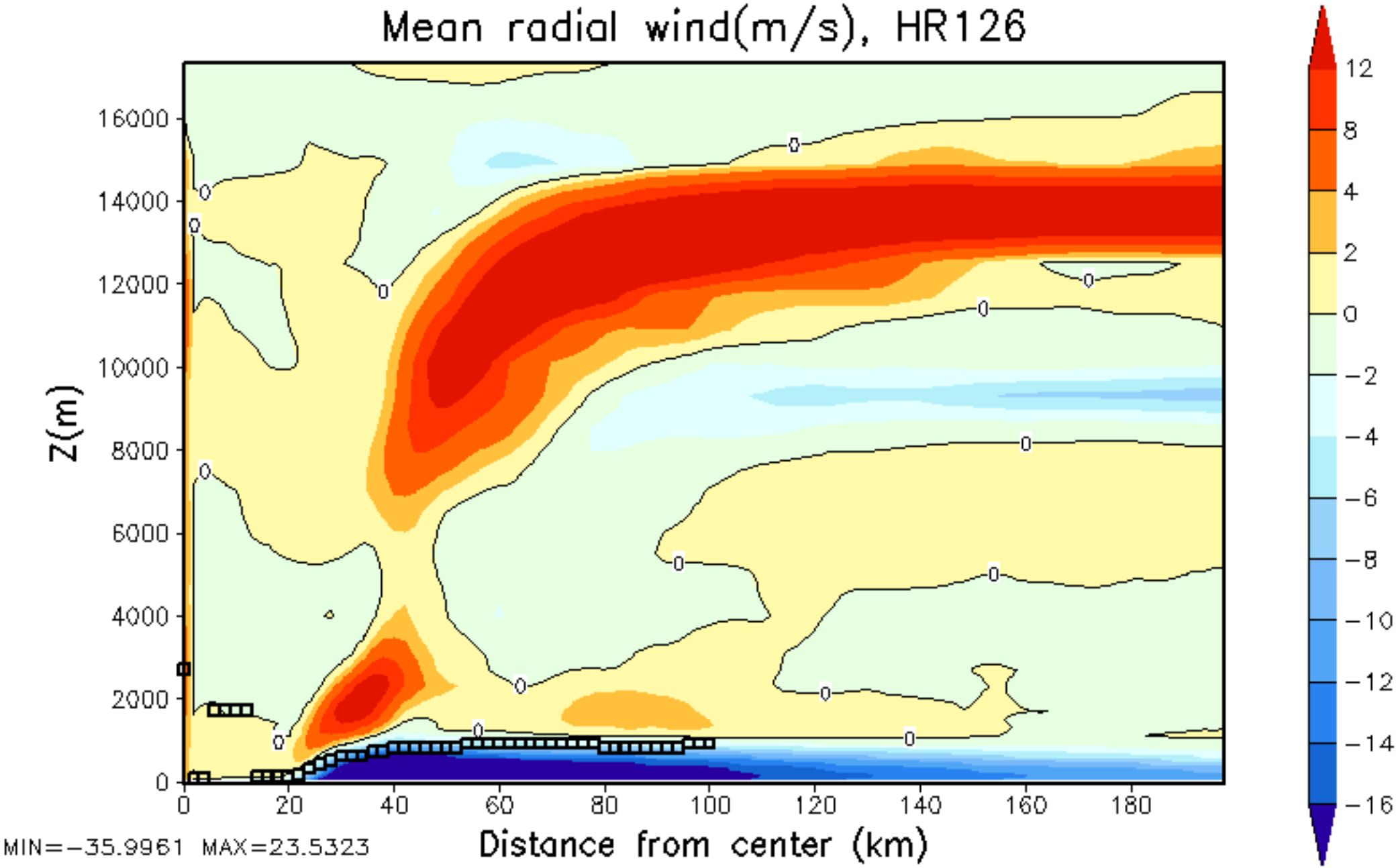

Mean radial wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-27.8816 MAX=17.5657
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

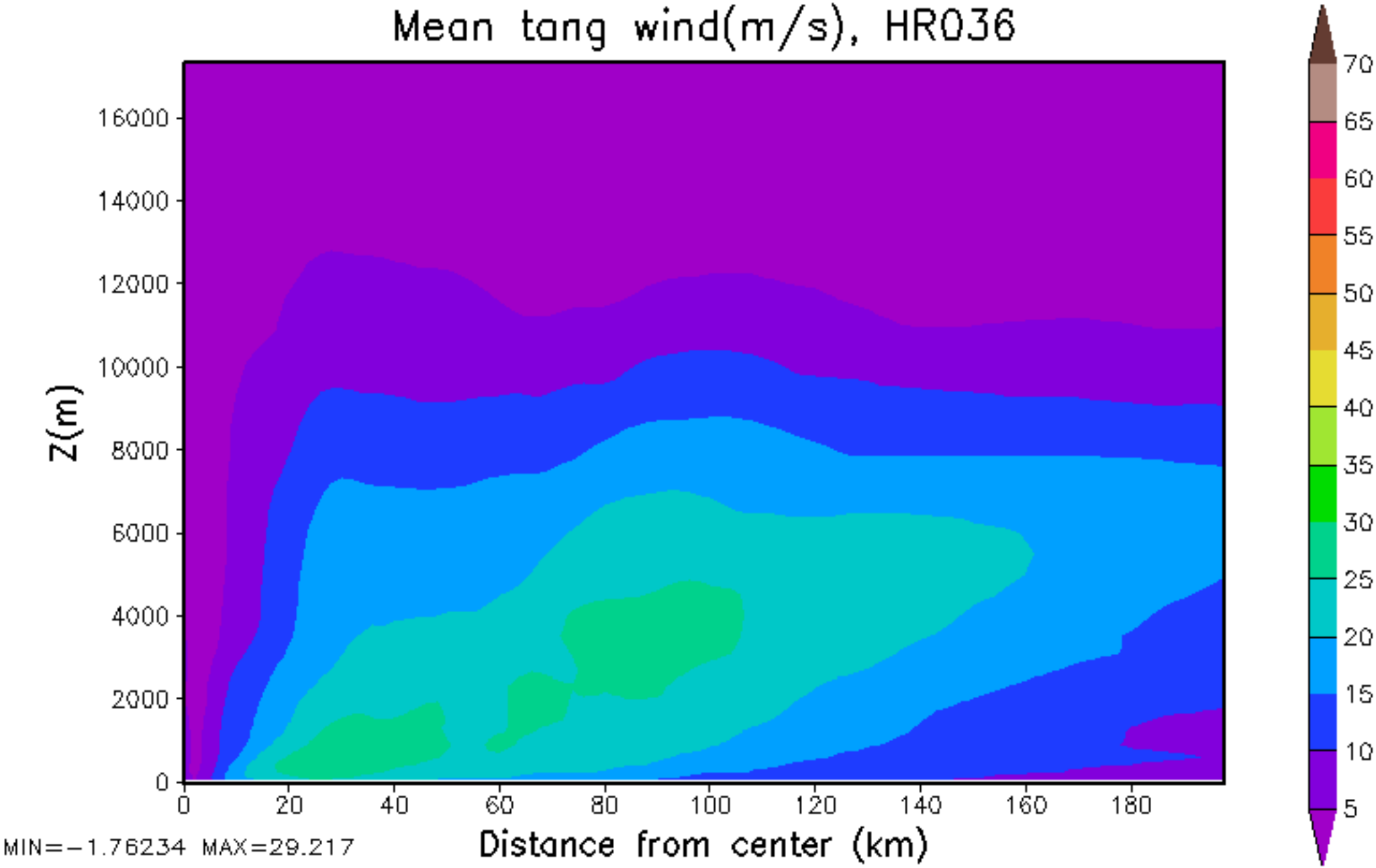

Mean radial wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.7808 MAX=16.9105
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

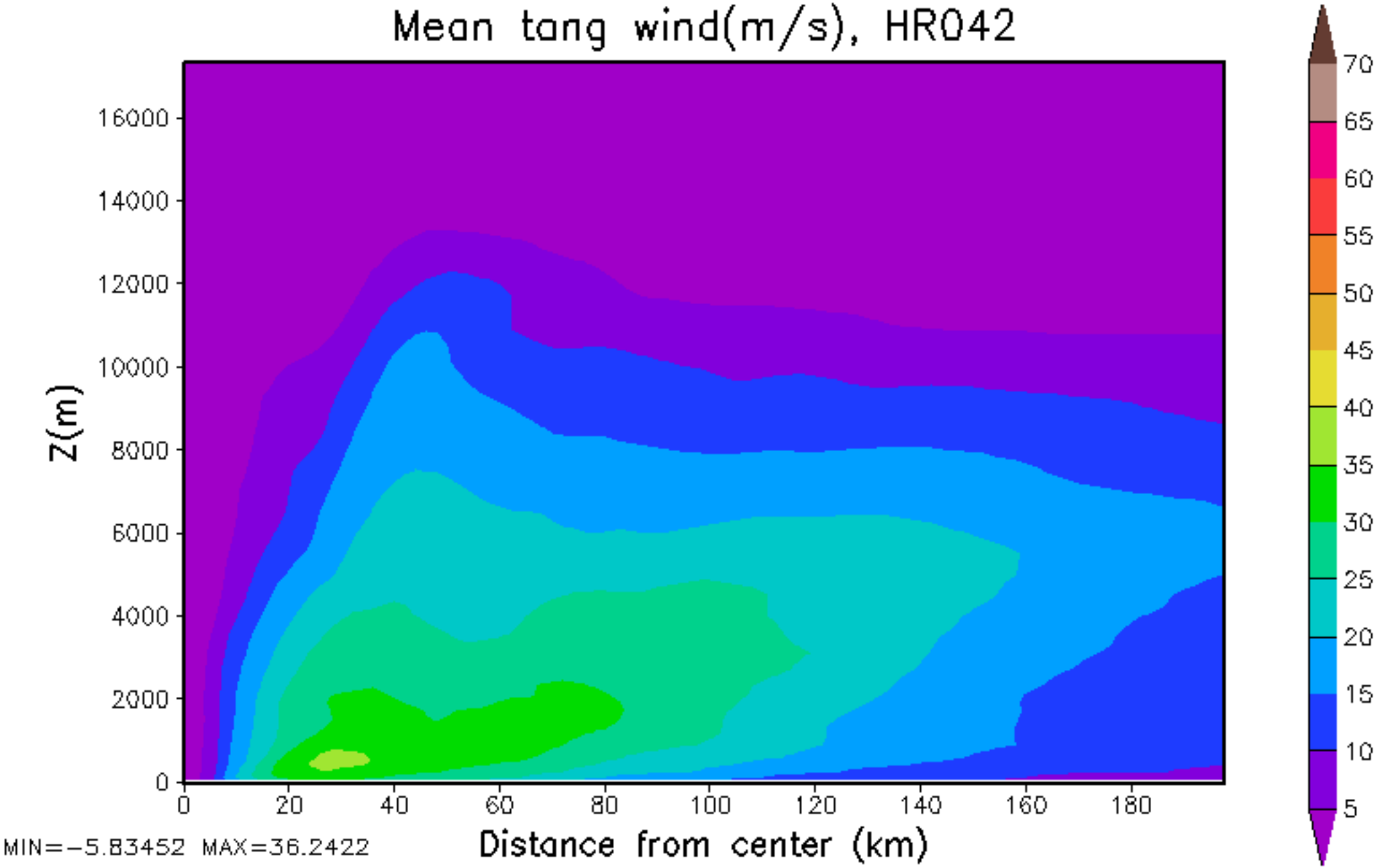

Mean radial wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-32.4753 MAX=25.2961
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

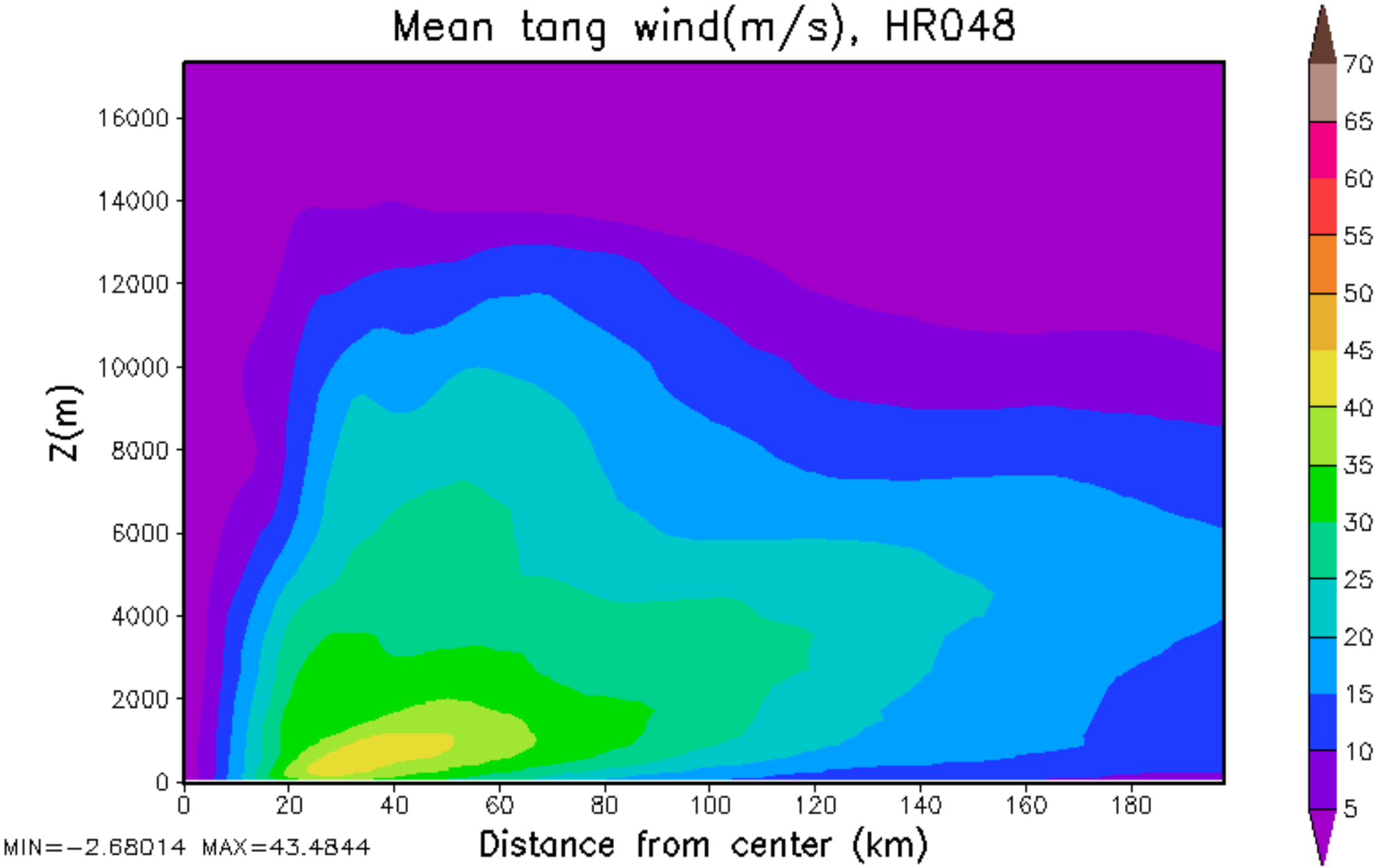

Mean radial wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-30.2041 MAX=21.5763
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

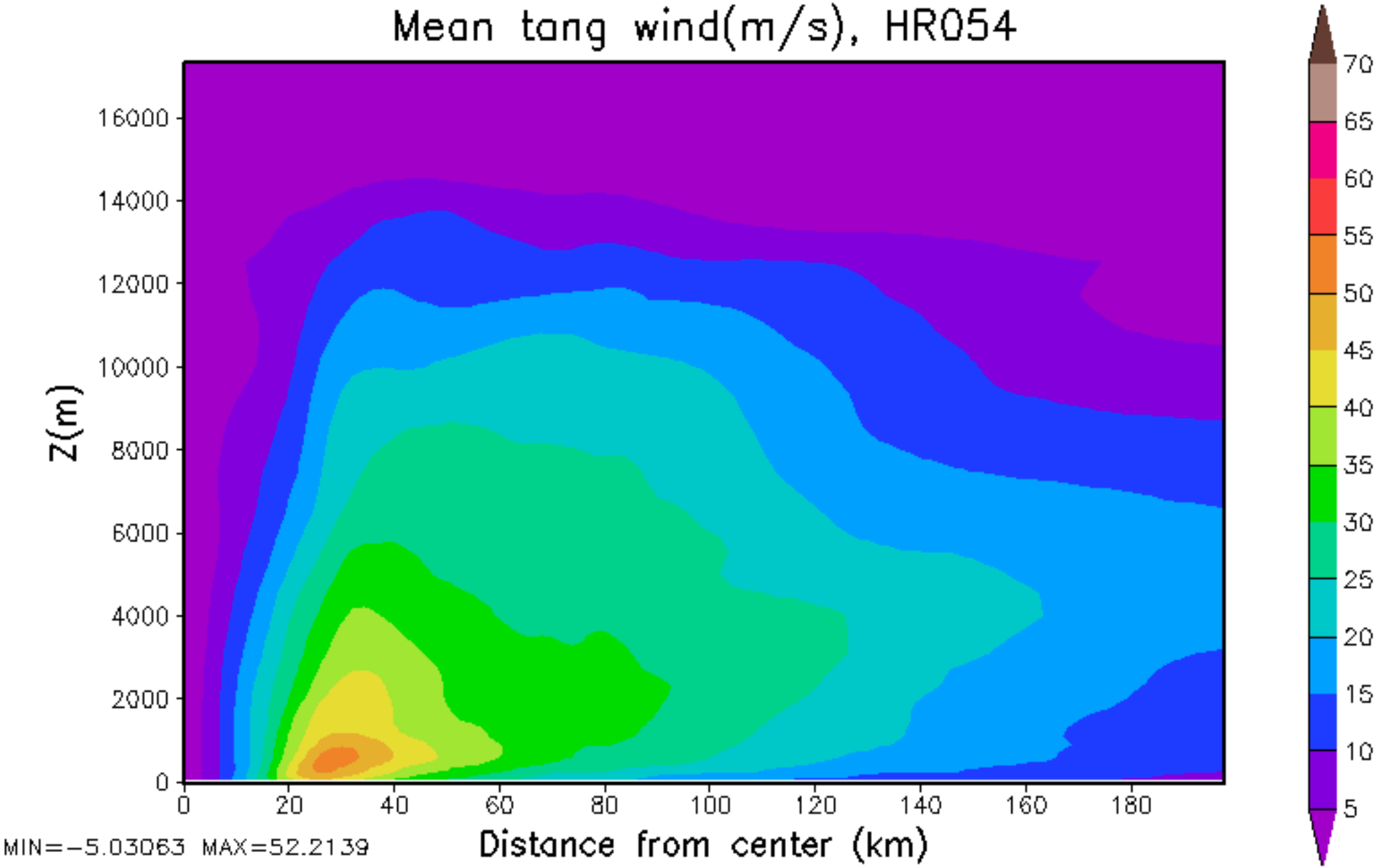

Mean radial wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.9636 MAX=22.4431
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

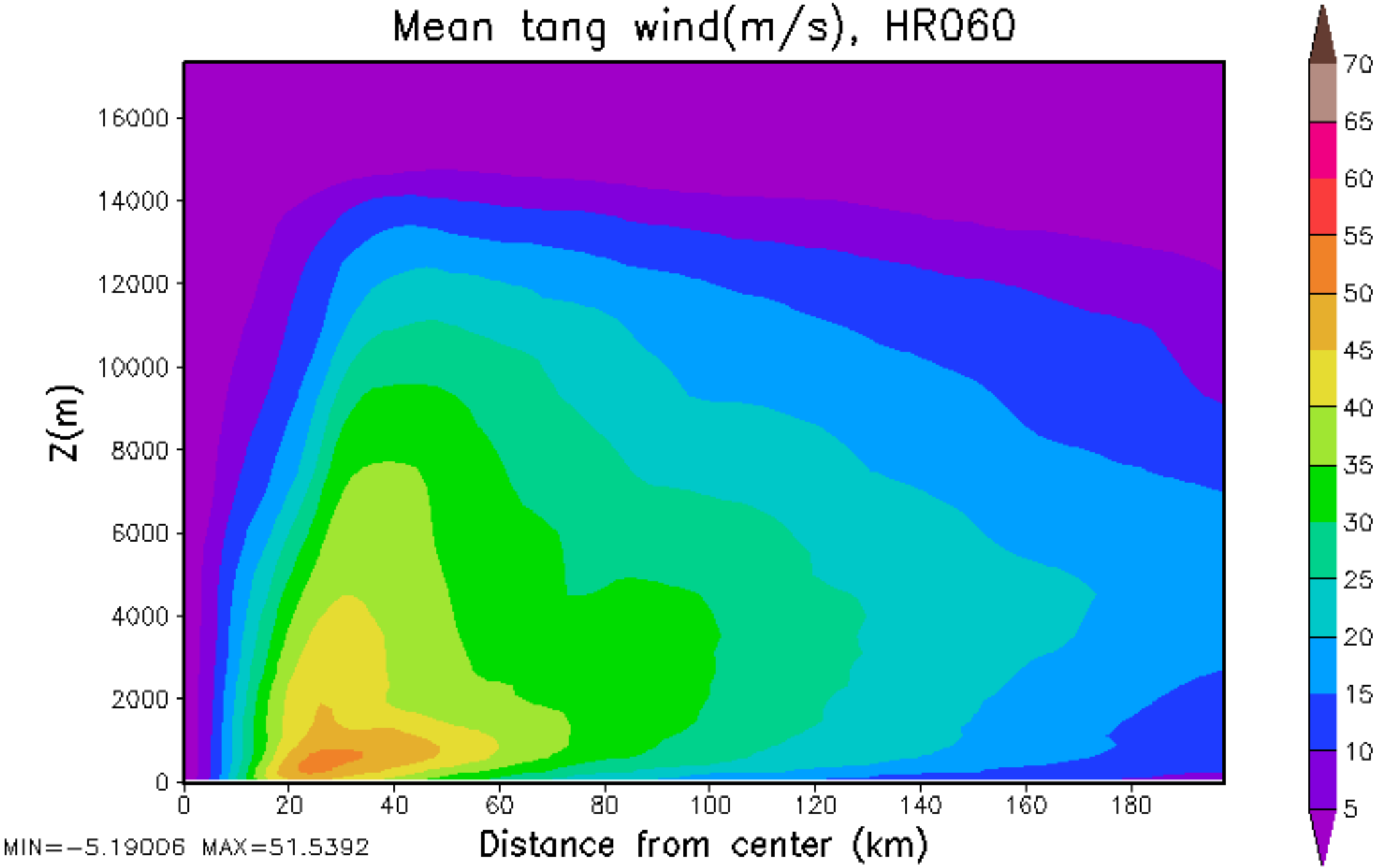

Mean radial wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-35.9961 MAX=23.5323
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

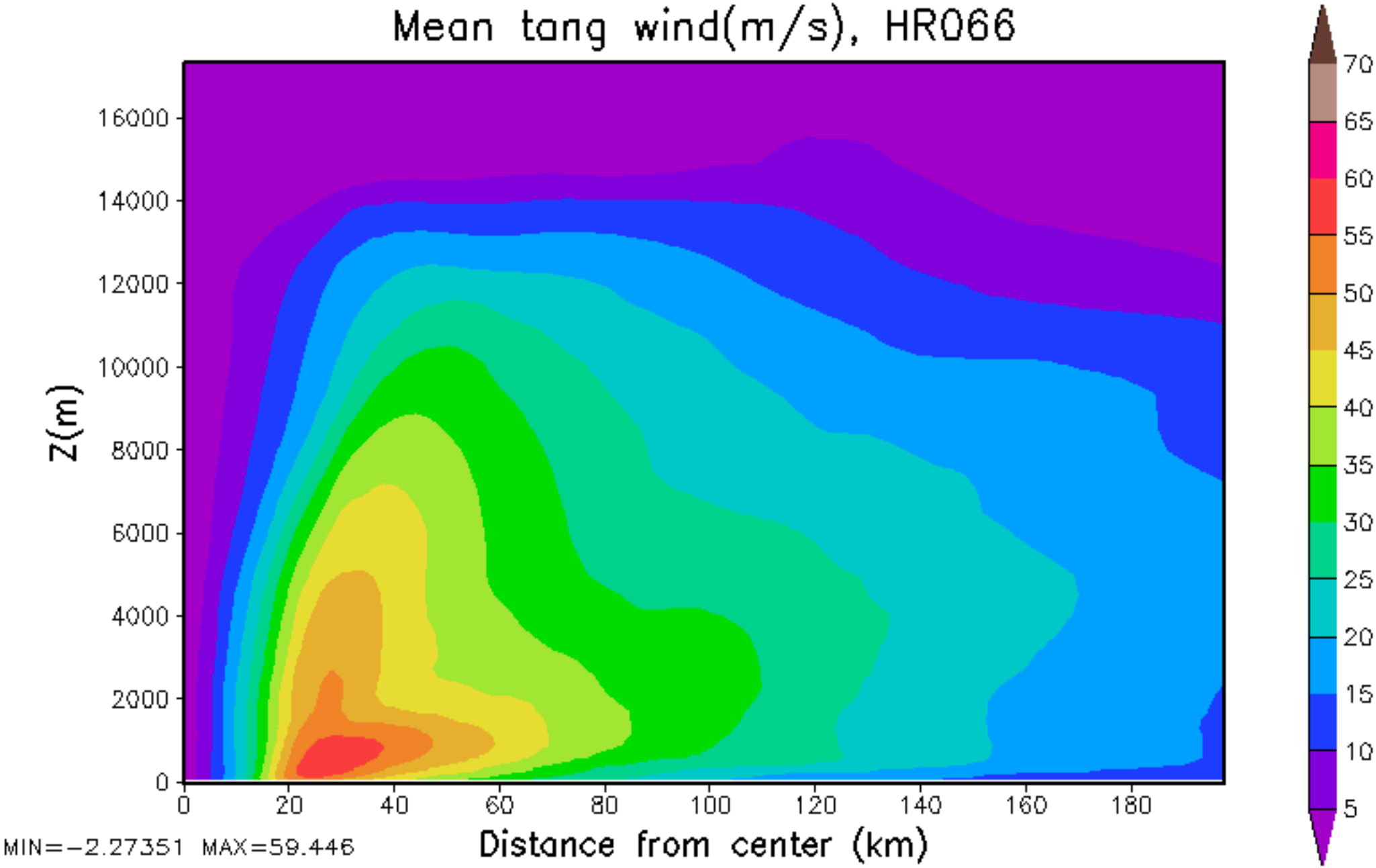

Mean tang wind(m/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.76234 MAX=29.217
70
65
60
55
50
45
40
35
30
25
20
15
10
5

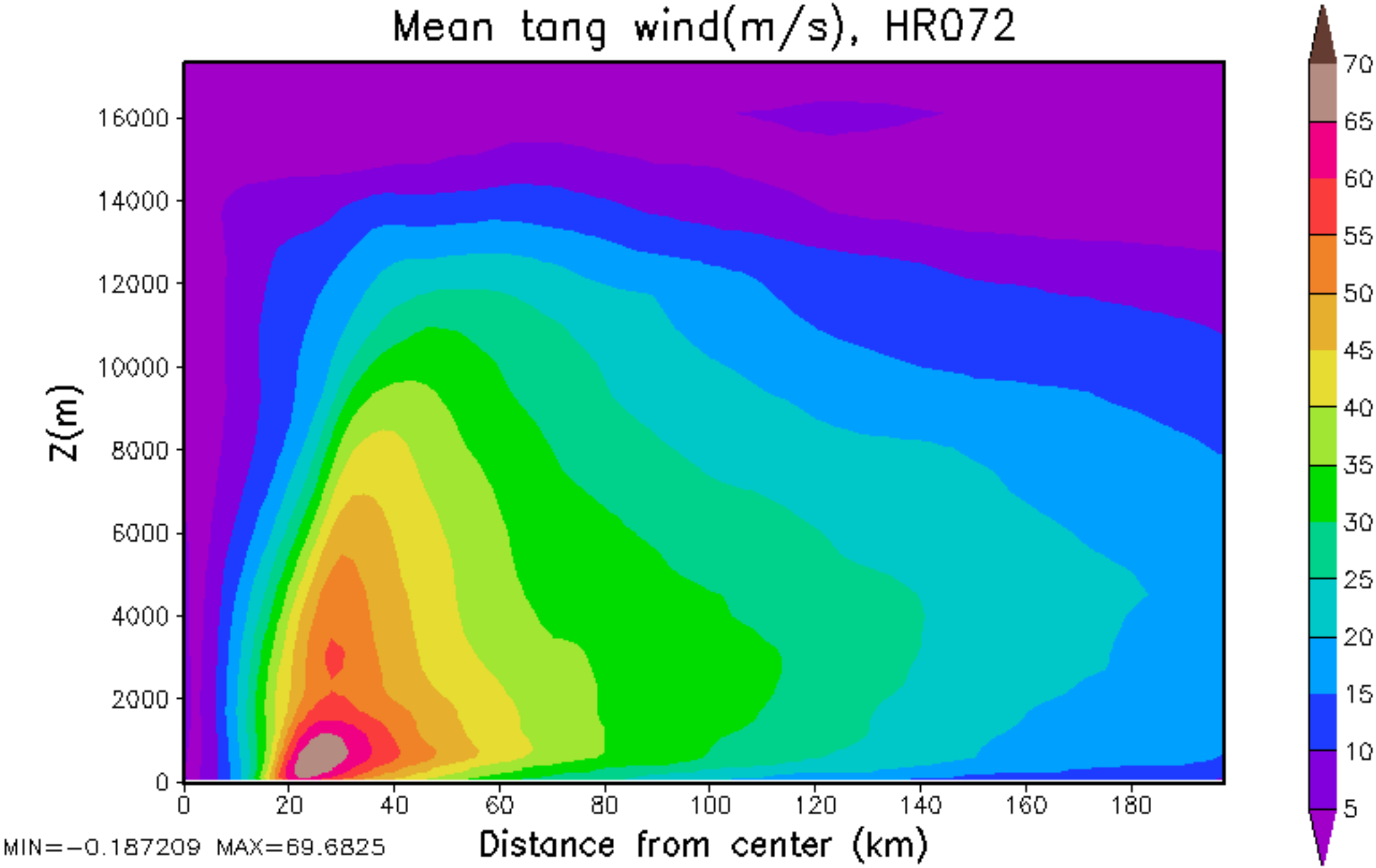

Mean tang wind(m/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.83452 MAX=36.2422
70
65
60
55
50
45
40
35
30
25
20
15
10
5

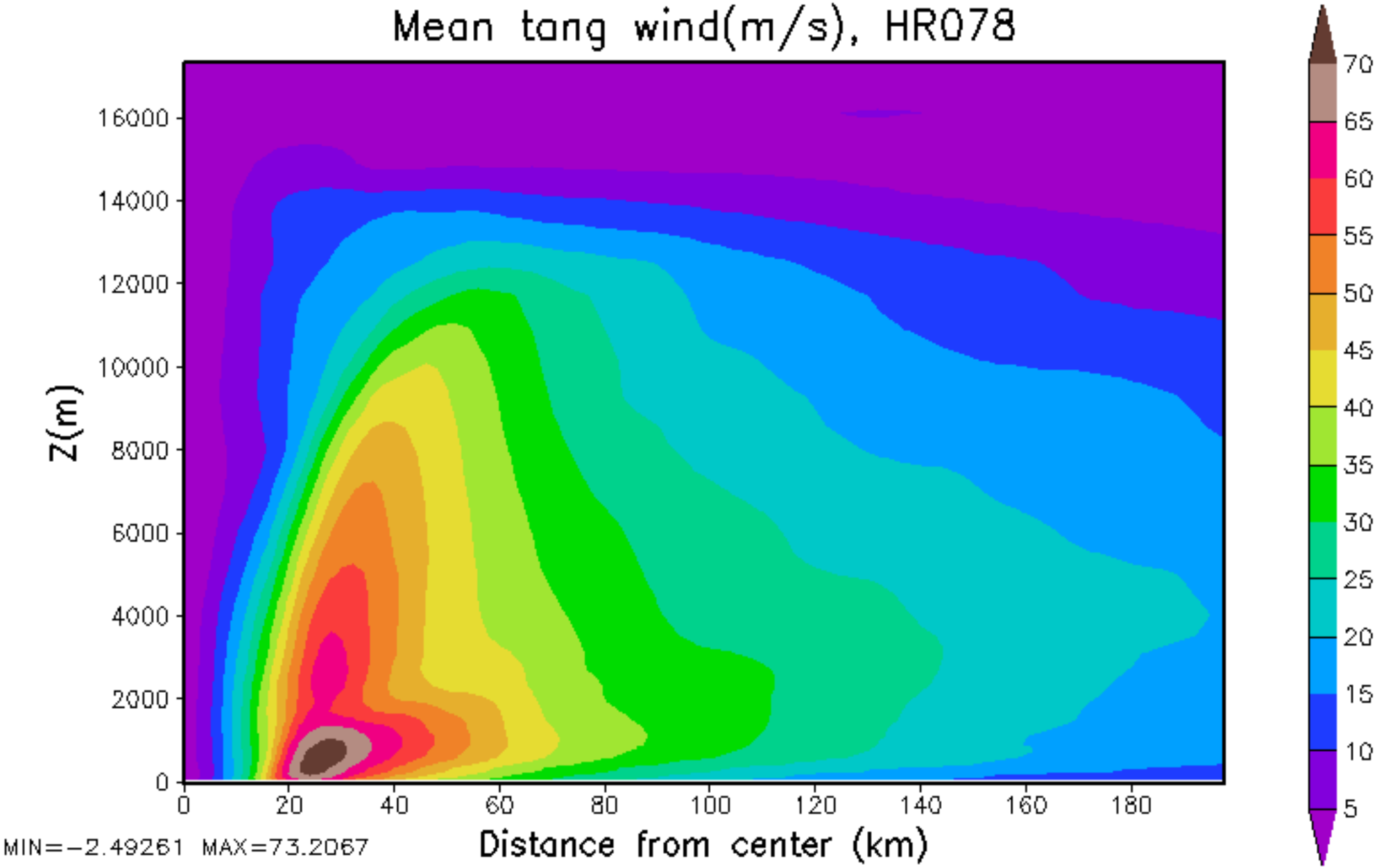

Mean tang wind(m/s), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.68014 MAX=43.4844
70
65
60
55
50
45
40
35
30
25
20
15
10
5

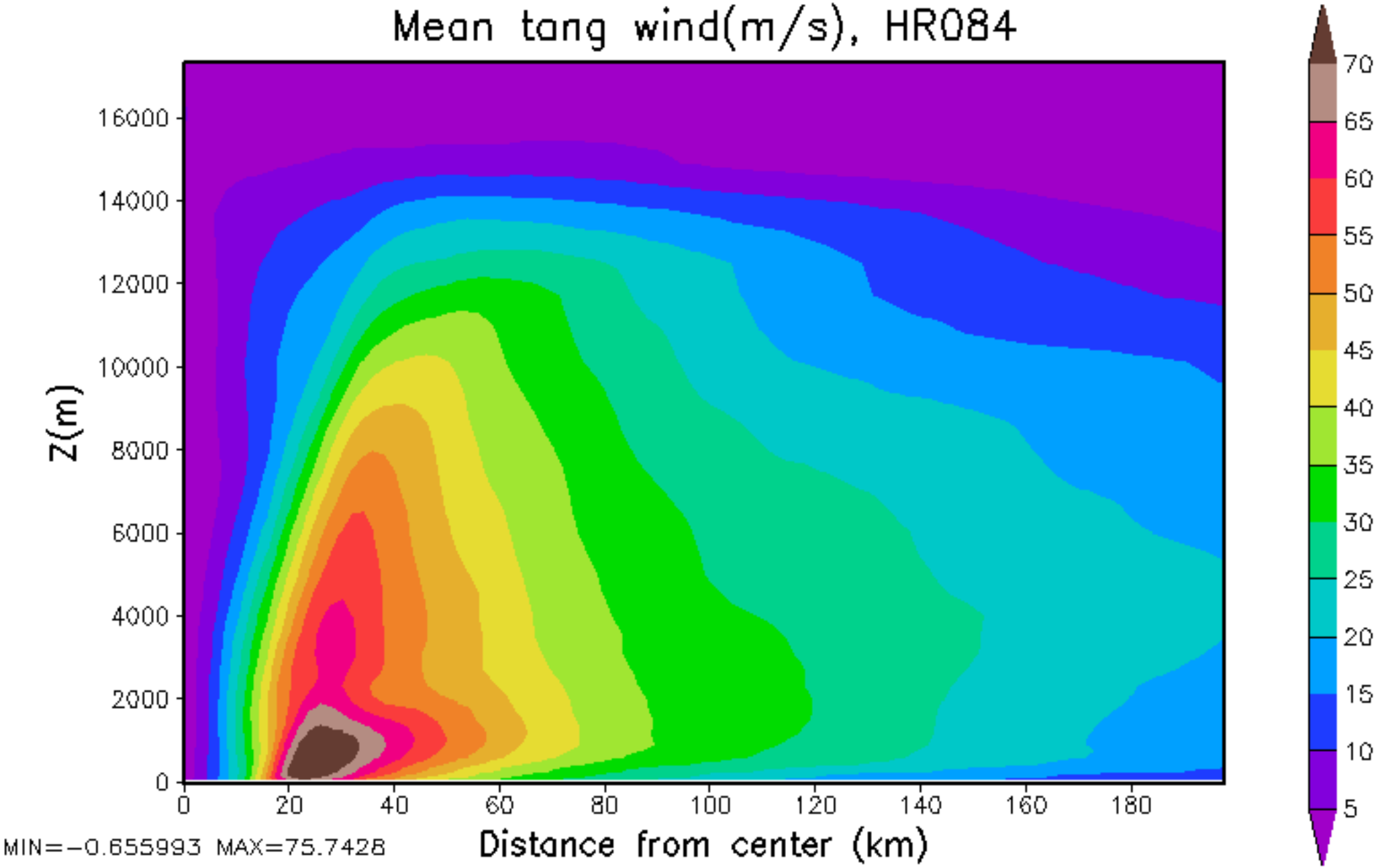

Mean tang wind(m/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.03063 MAX=52.2139
70
65
60
55
50
45
40
35
30
25
20
15
10
5

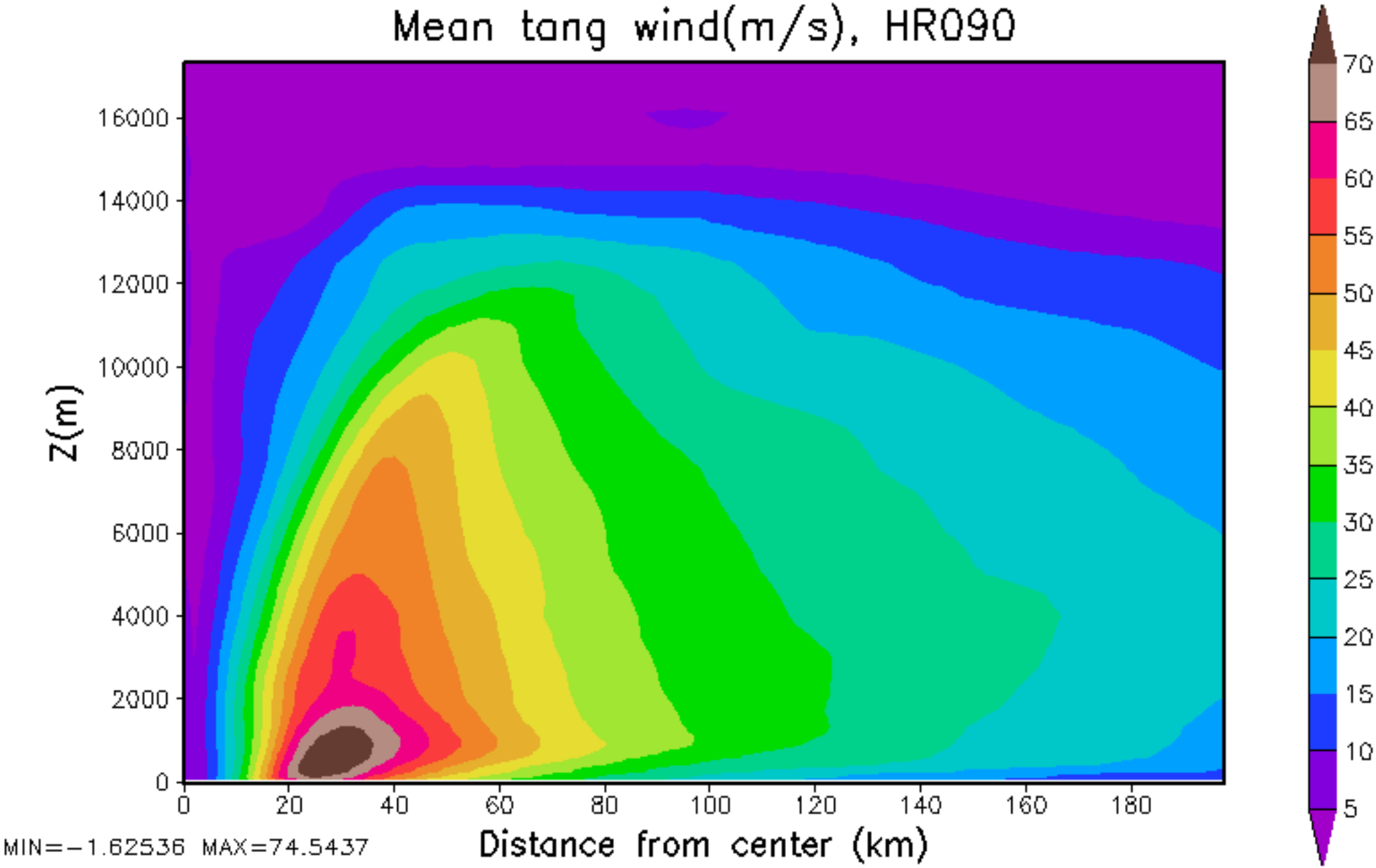

Mean tang wind(m/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.19006 MAX=51.5392
70
65
60
55
50
45
40
35
30
25
20
15
10
5

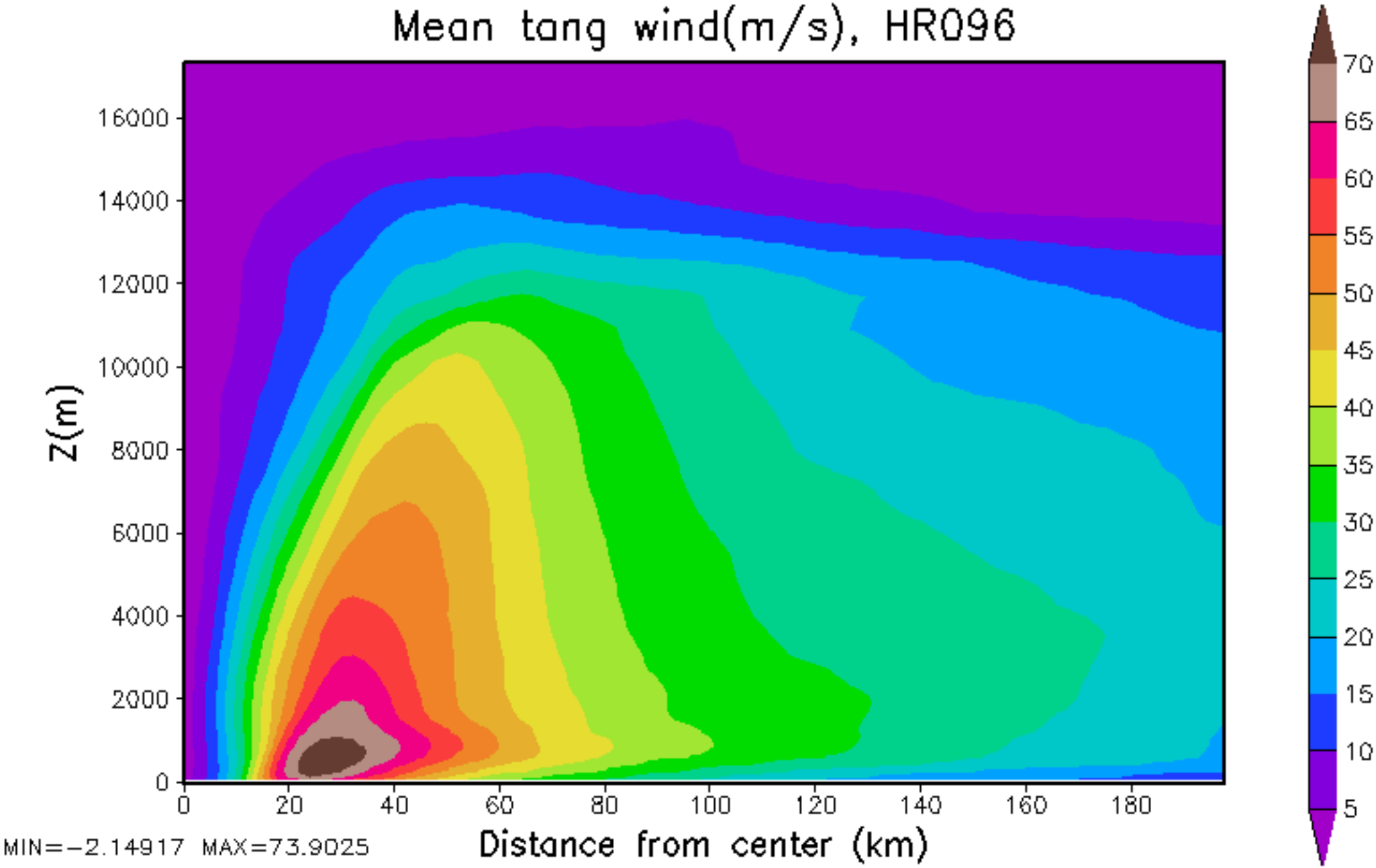

Mean tang wind(m/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.27351 MAX=59.446
70
65
60
55
50
45
40
35
30
25
20
15
10
5

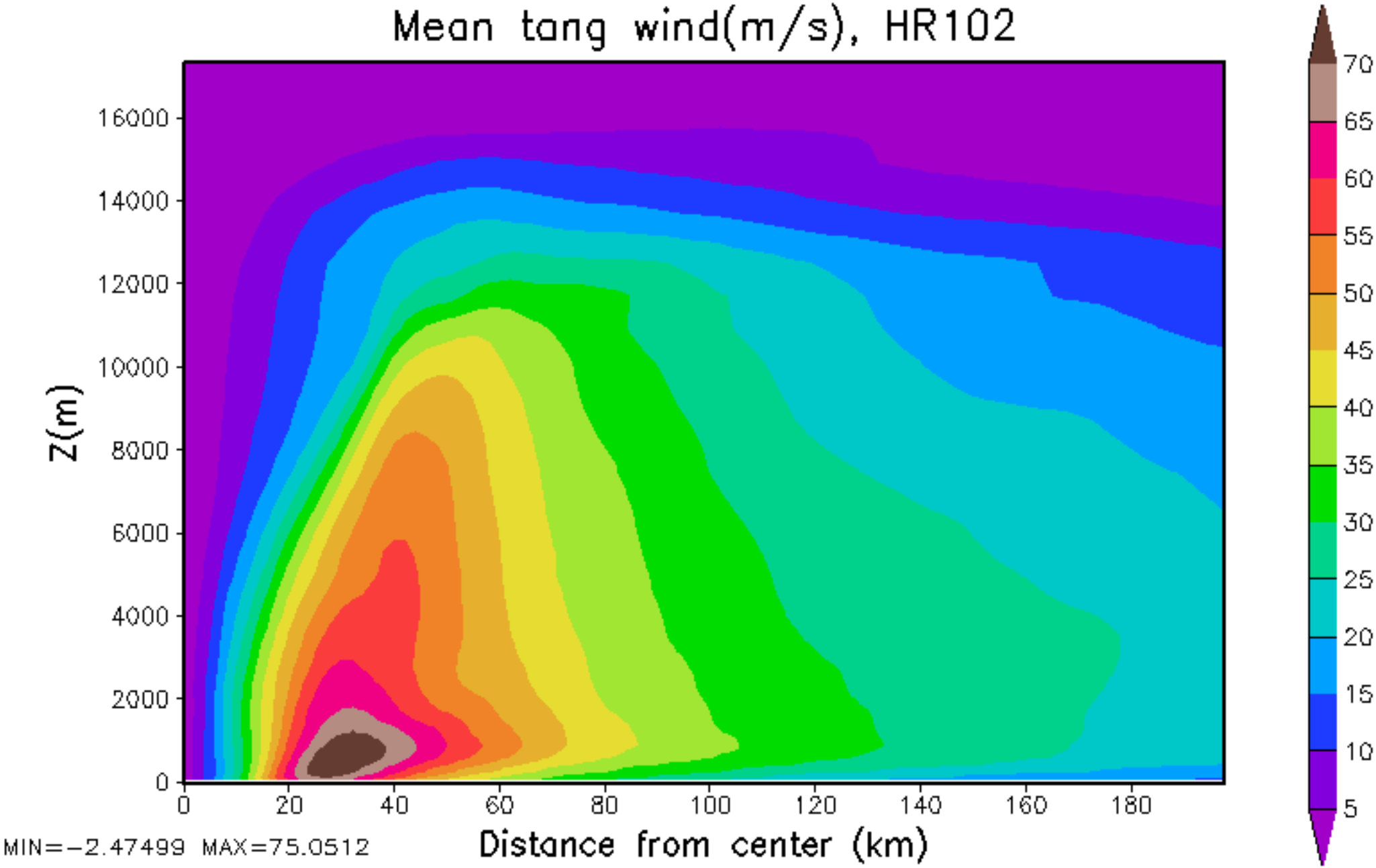

Mean tang wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.187209 MAX=69.6825
70
65
60
55
50
45
40
35
30
25
20
15
10
5

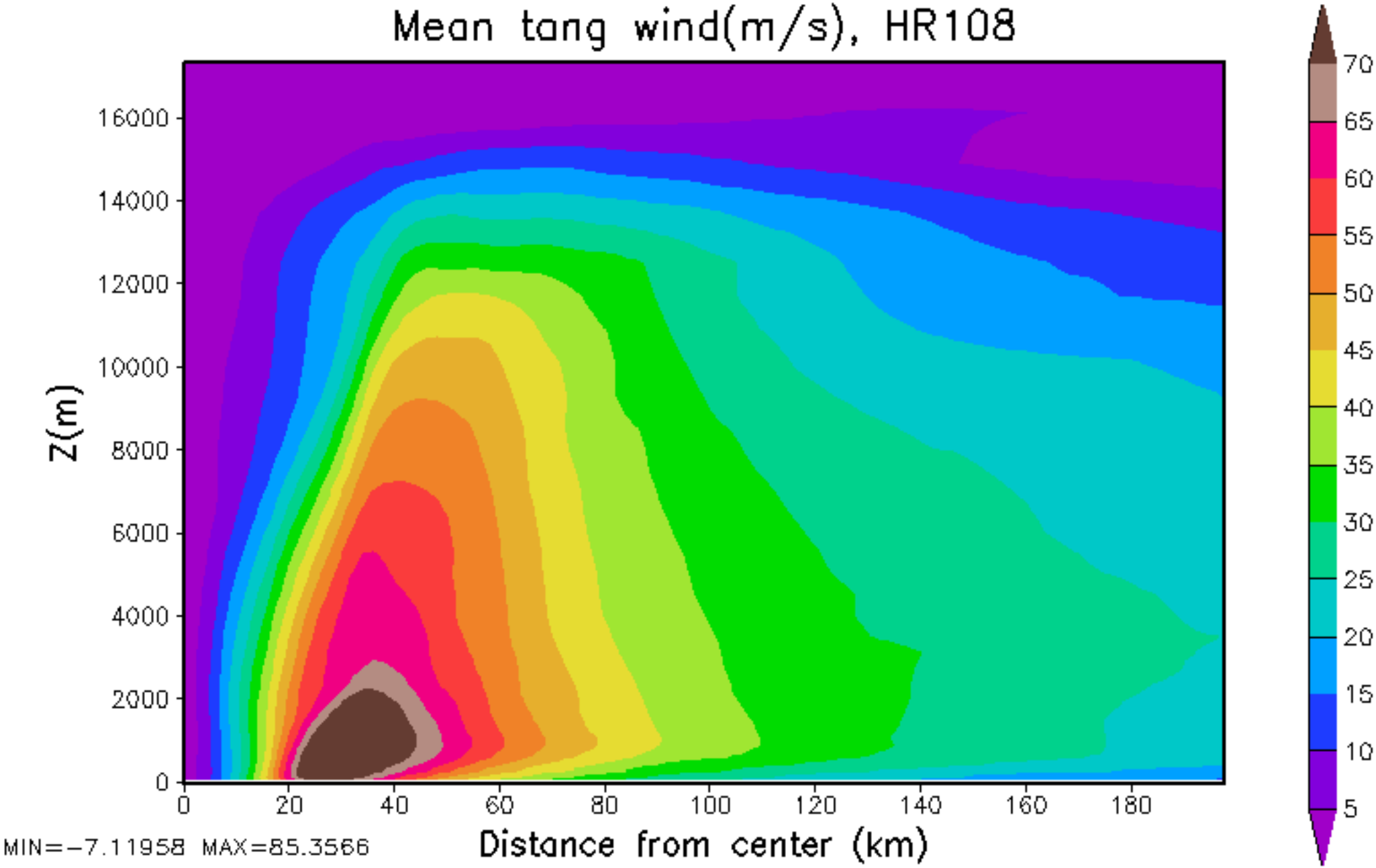

Mean tang wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.49261 MAX=73.2067
70
65
60
55
50
45
40
35
30
25
20
15
10
5

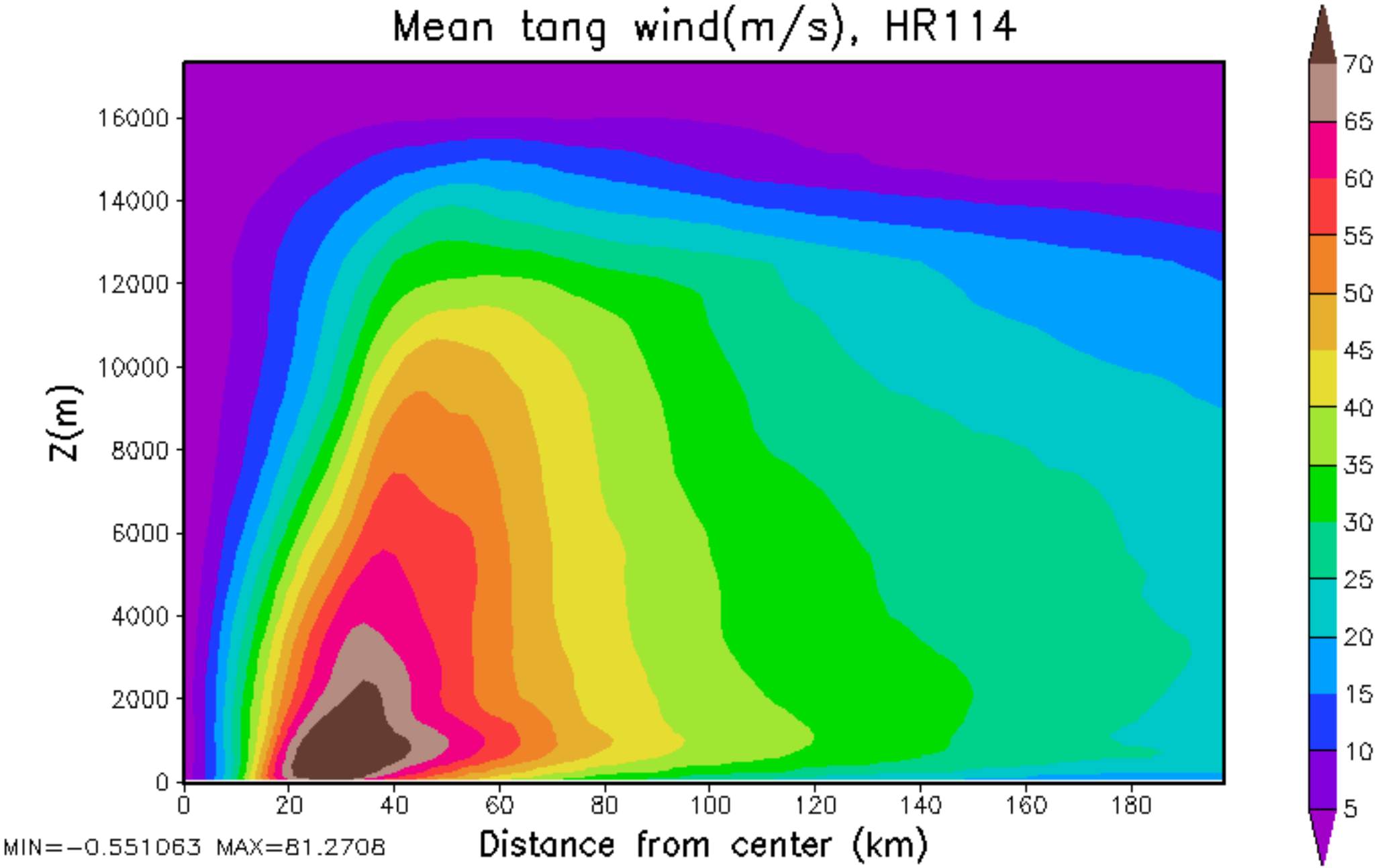

Mean tang wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.655993 MAX=75.7428
70
65
60
55
50
45
40
35
30
25
20
15
10
5

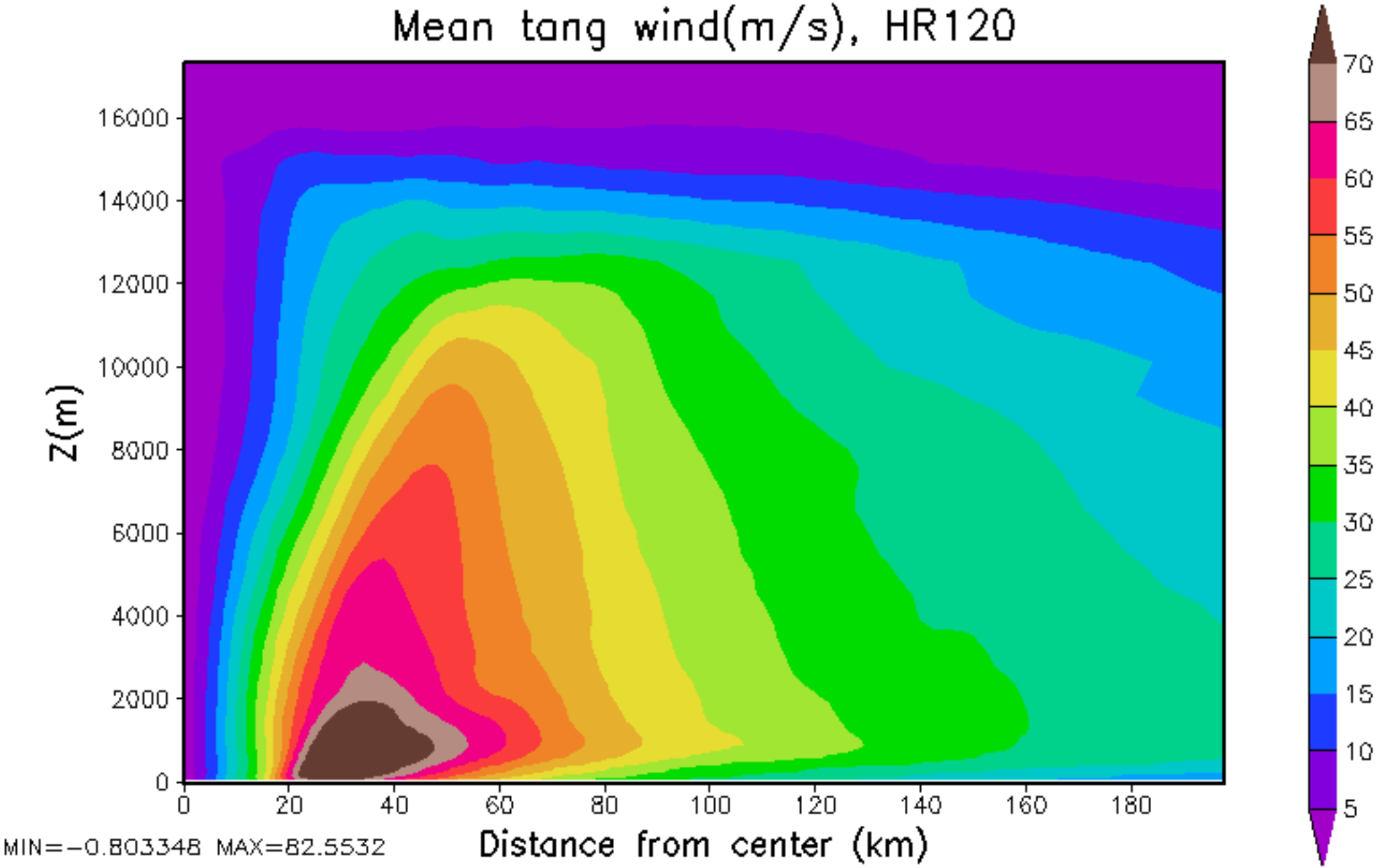

Mean tang wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.62536 MAX=74.5437
70
65
60
55
50
45
40
35
30
25
20
15
10
5

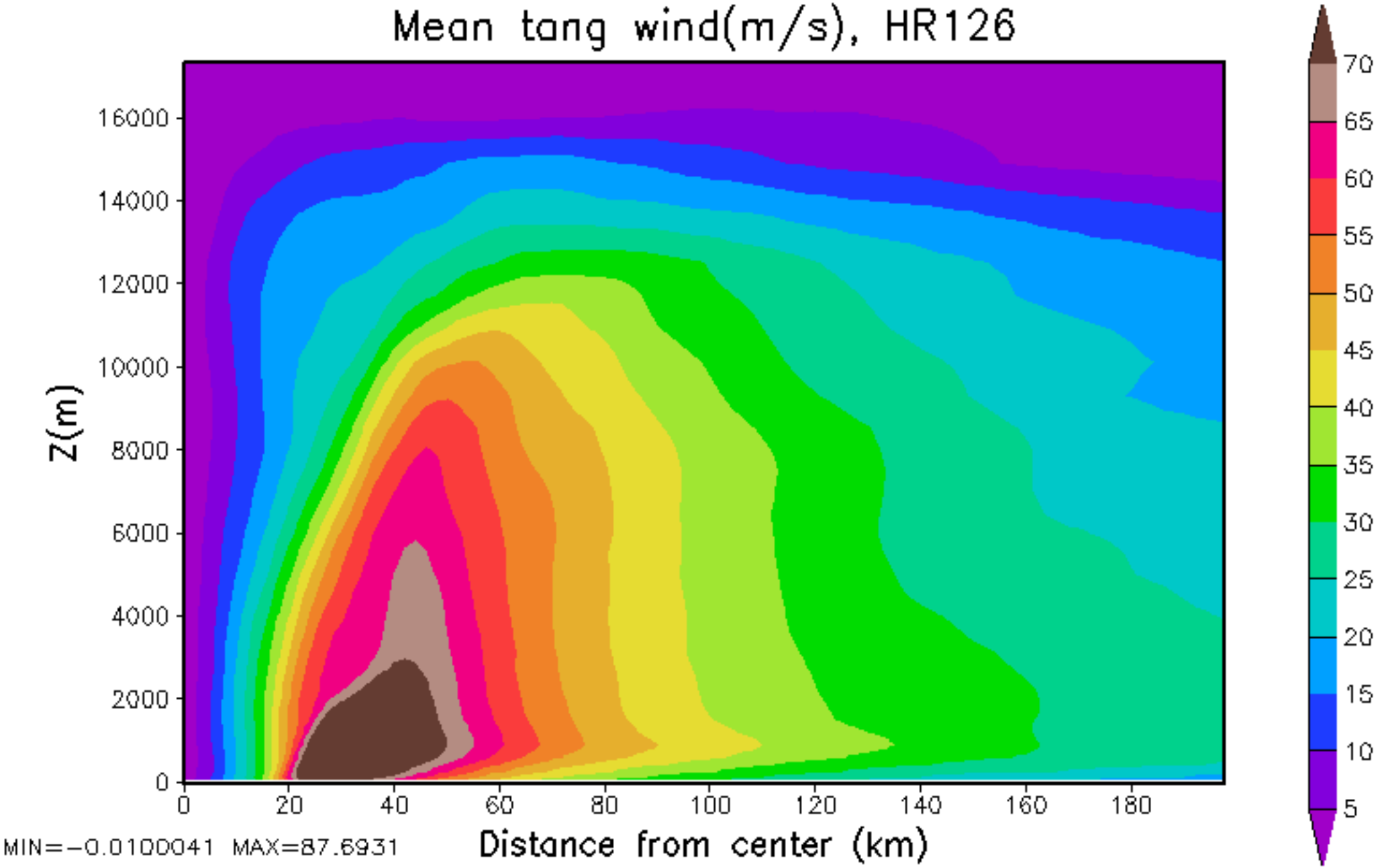

Mean tang wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.14917 MAX=73.9025
70
65
60
55
50
45
40
35
30
25
20
15
10
5

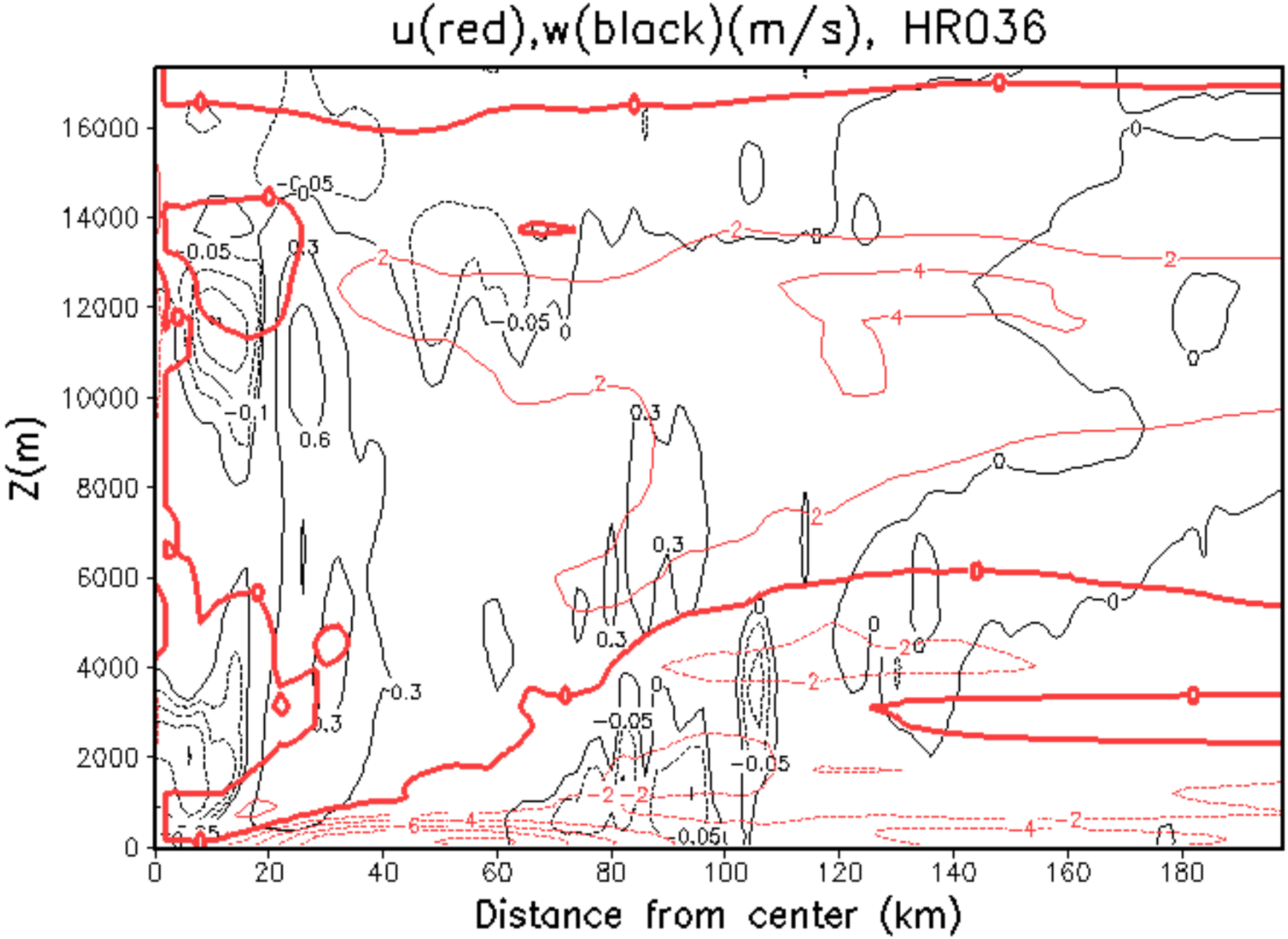

Mean tang wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.47499 MAX=75.0512
70
65
60
55
50
45
40
35
30
25
20
15
10
5

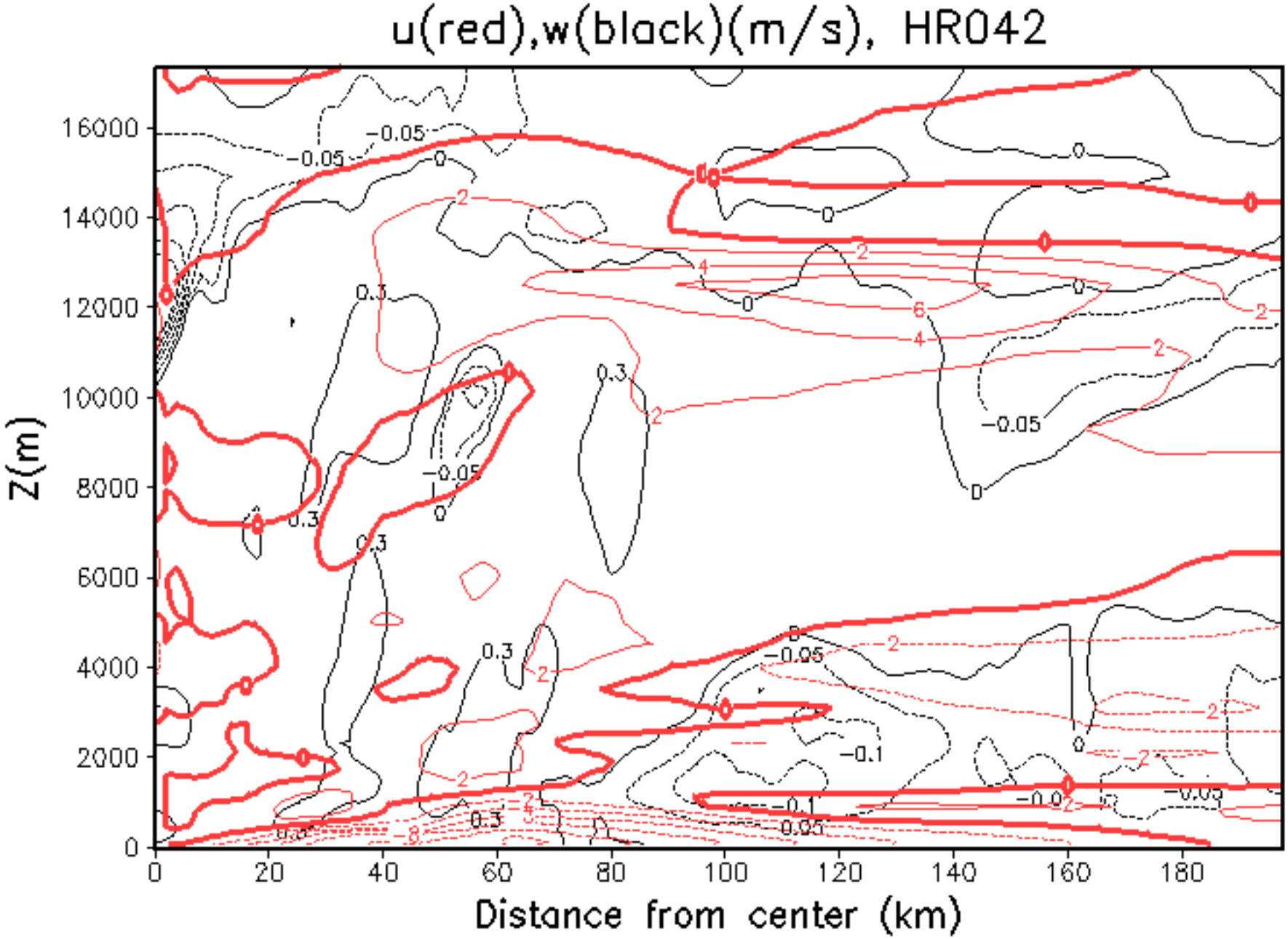

Mean tang wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-7.11958 MAX=85.3566
70
65
60
55
50
45
40
35
30
25
20
15
10
5

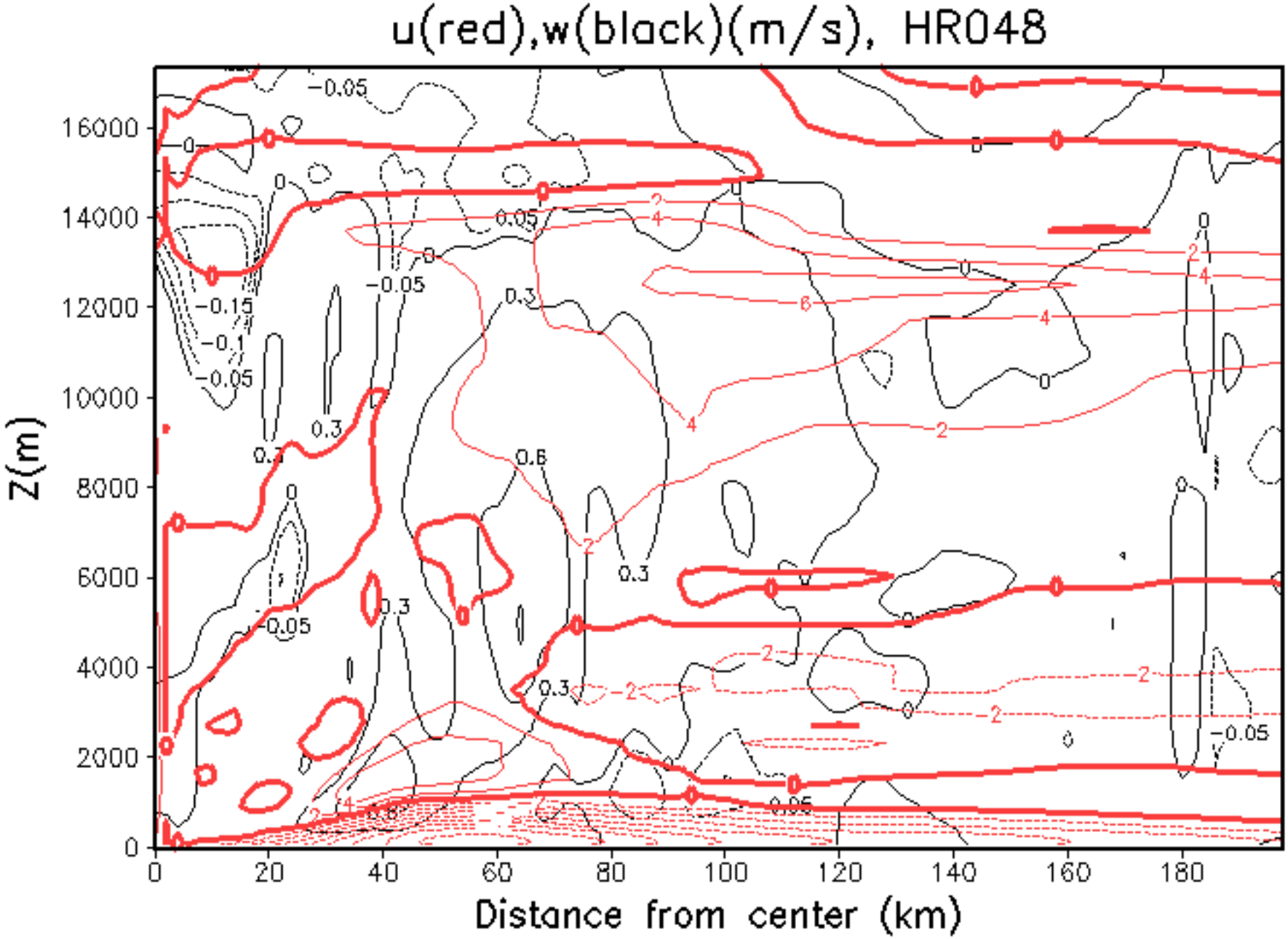

Mean tang wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.551063 MAX=81.2708
70
65
60
55
50
45
40
35
30
25
20
15
10
5

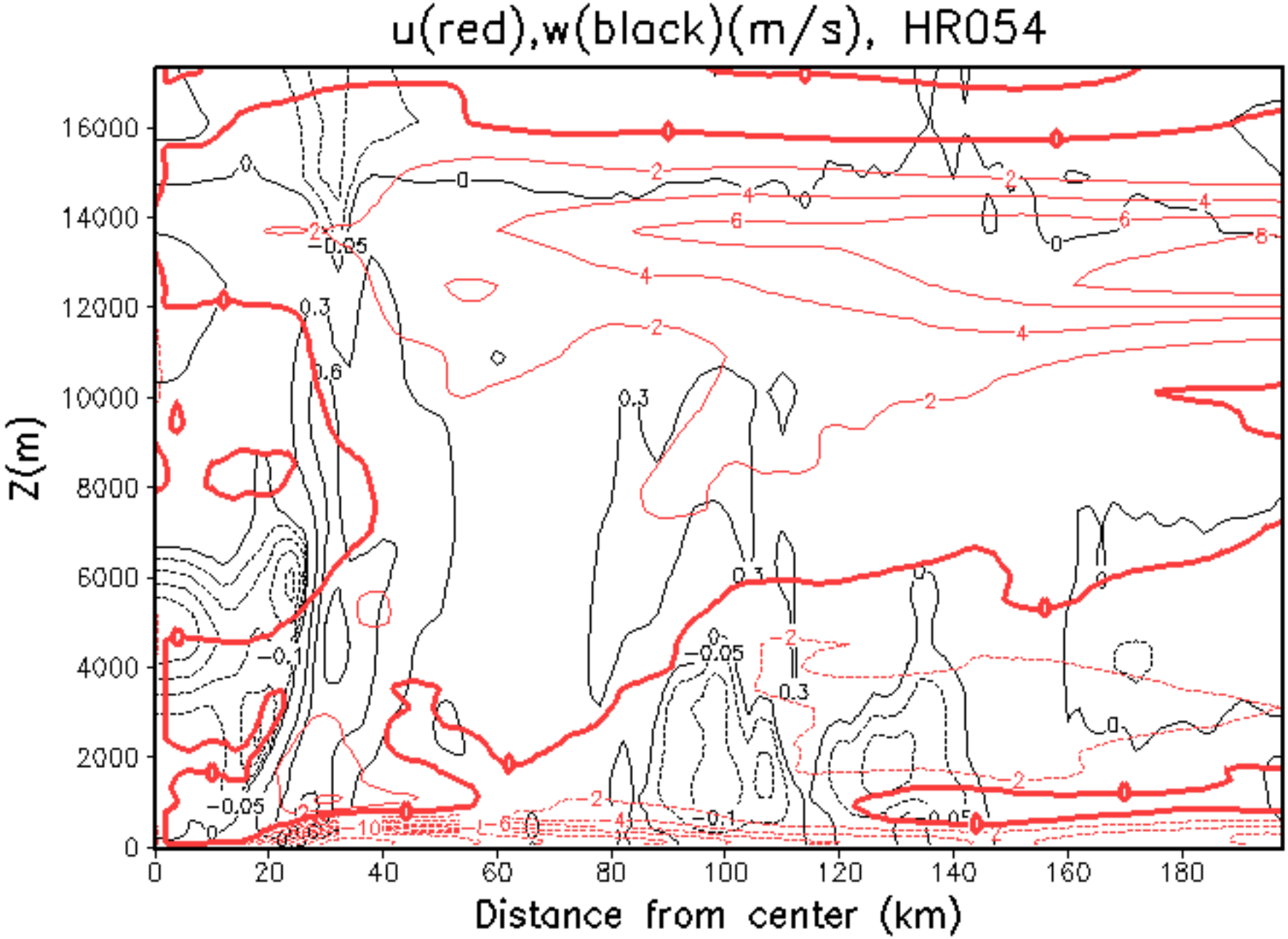

Mean tang wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.803348 MAX=82.5532
70
65
60
55
50
45
40
35
30
25
20
15
10
5

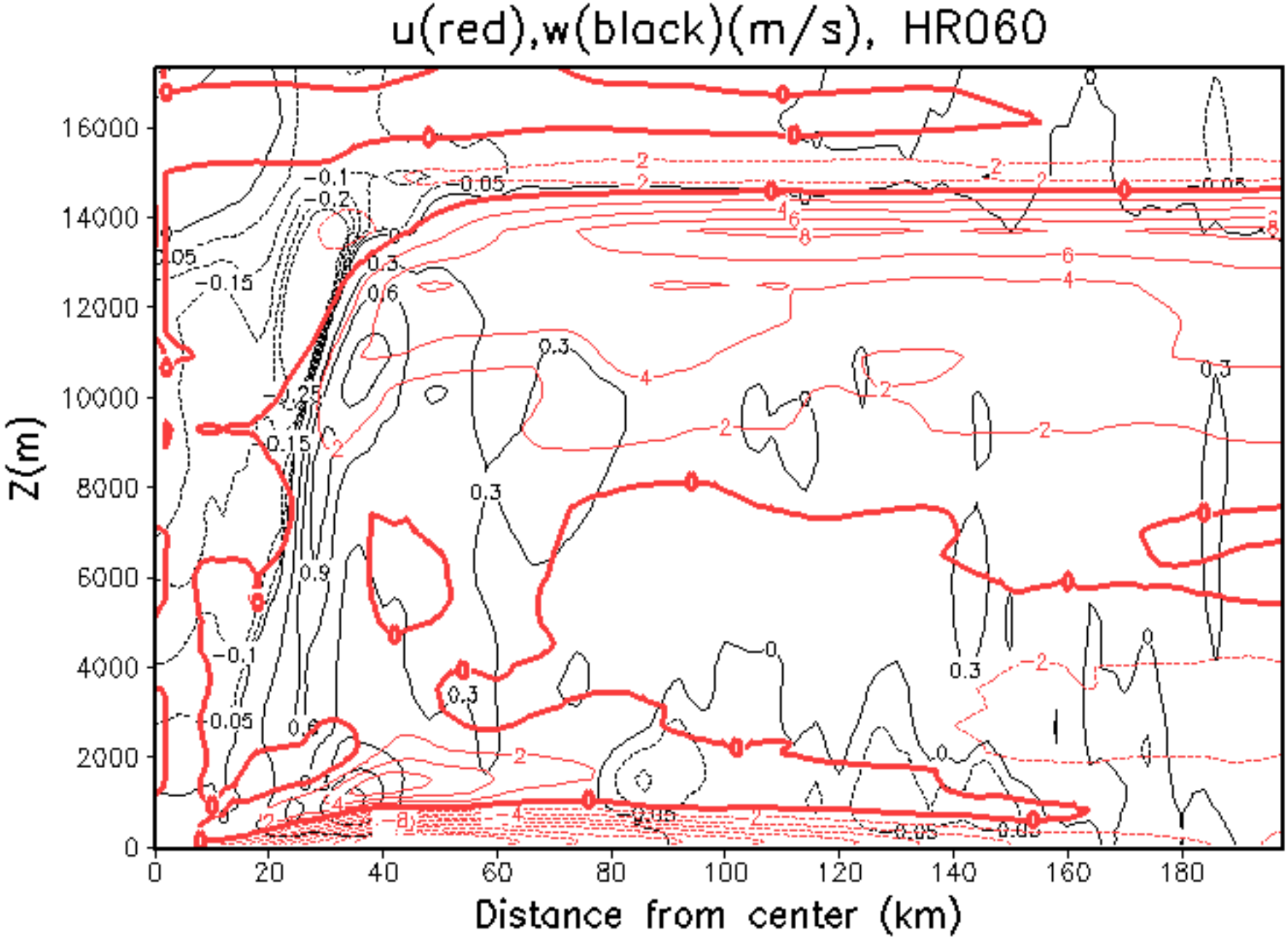

Mean tang wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.0100041 MAX=87.6931
70
65
60
55
50
45
40
35
30
25
20
15
10
5

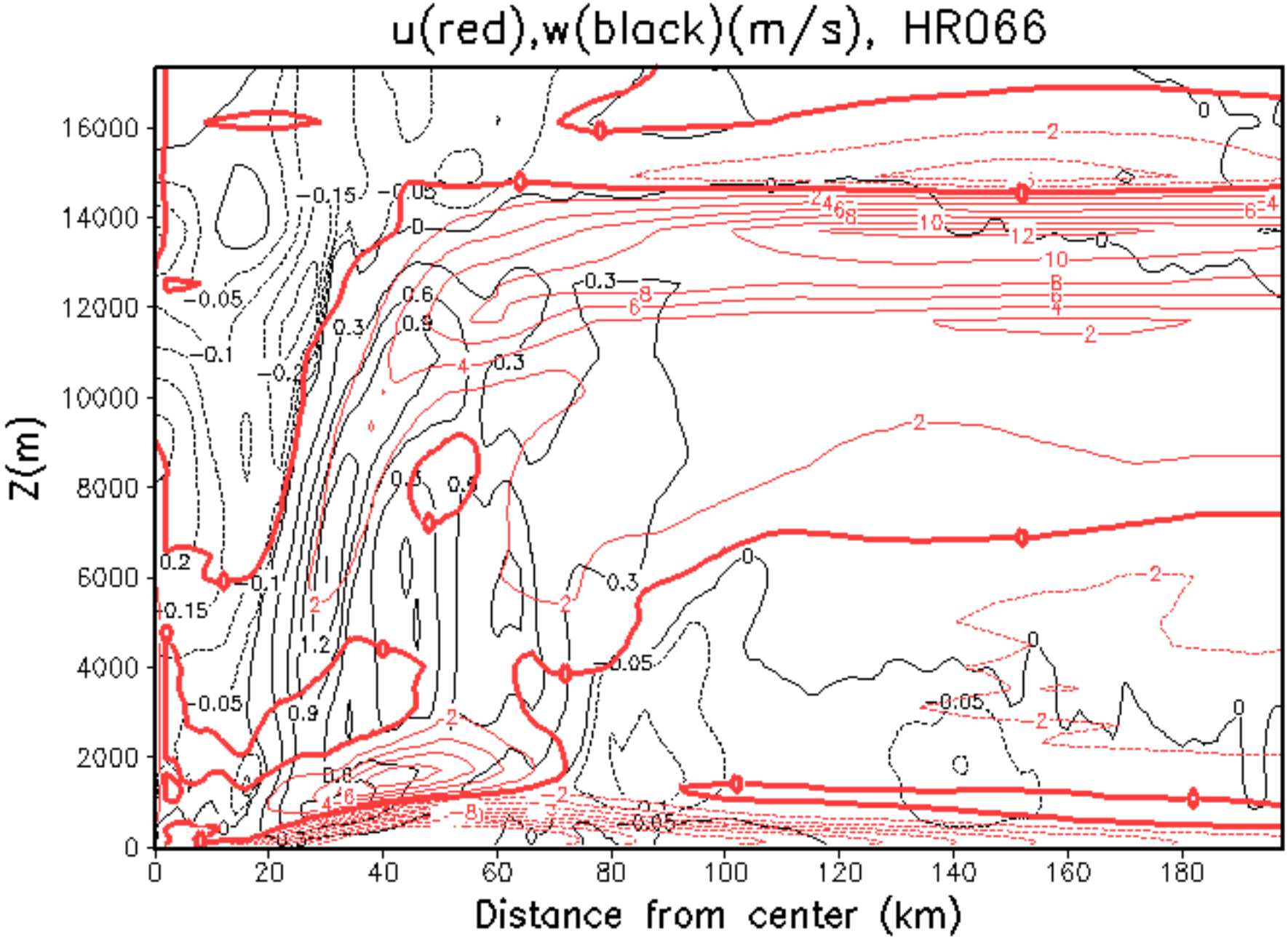

u(red),w(black)(m/s), HR036
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

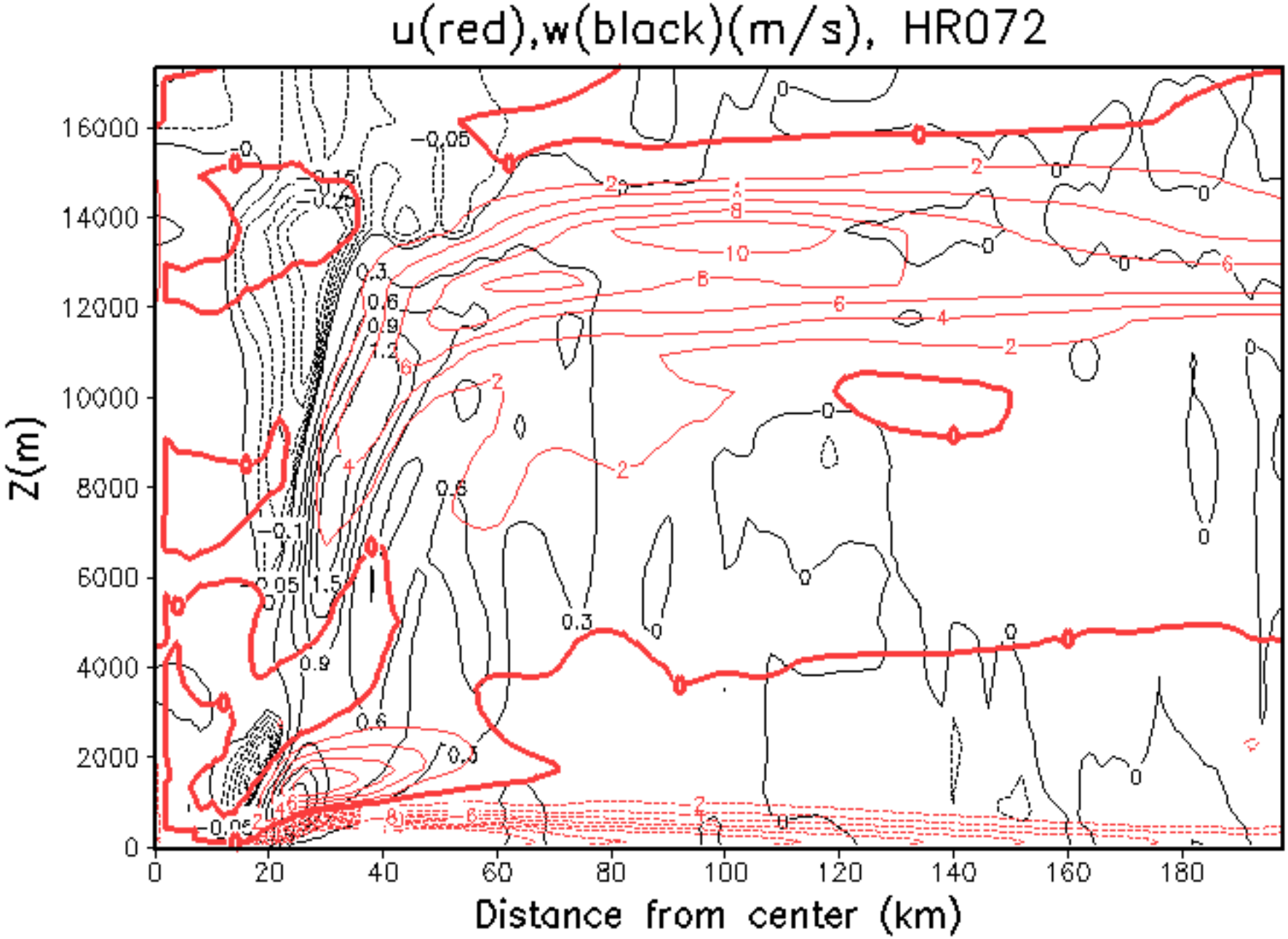

u(red),w(black)(m/s), HR042
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

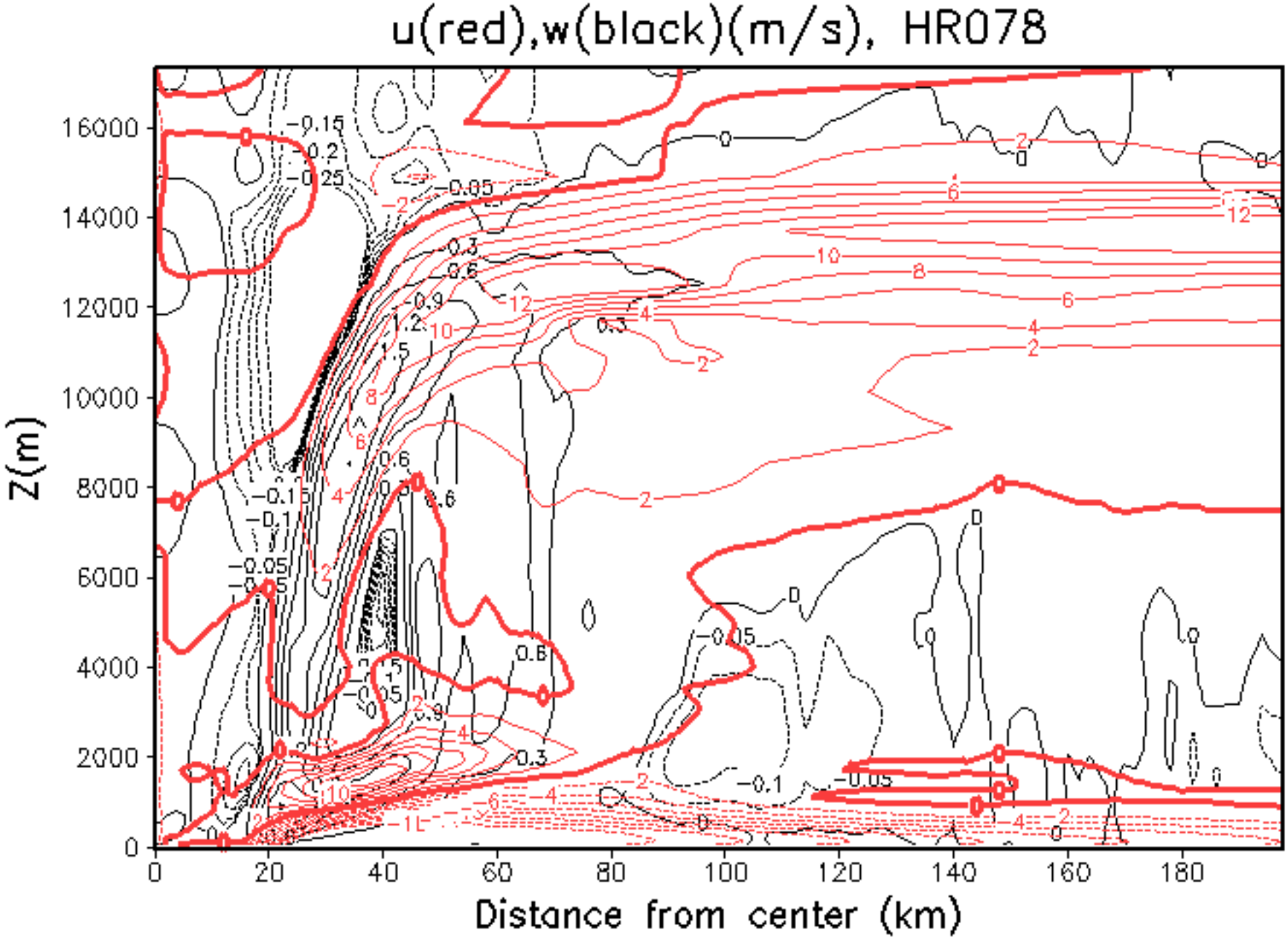

u(red),w(black)(m/s), HR048
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

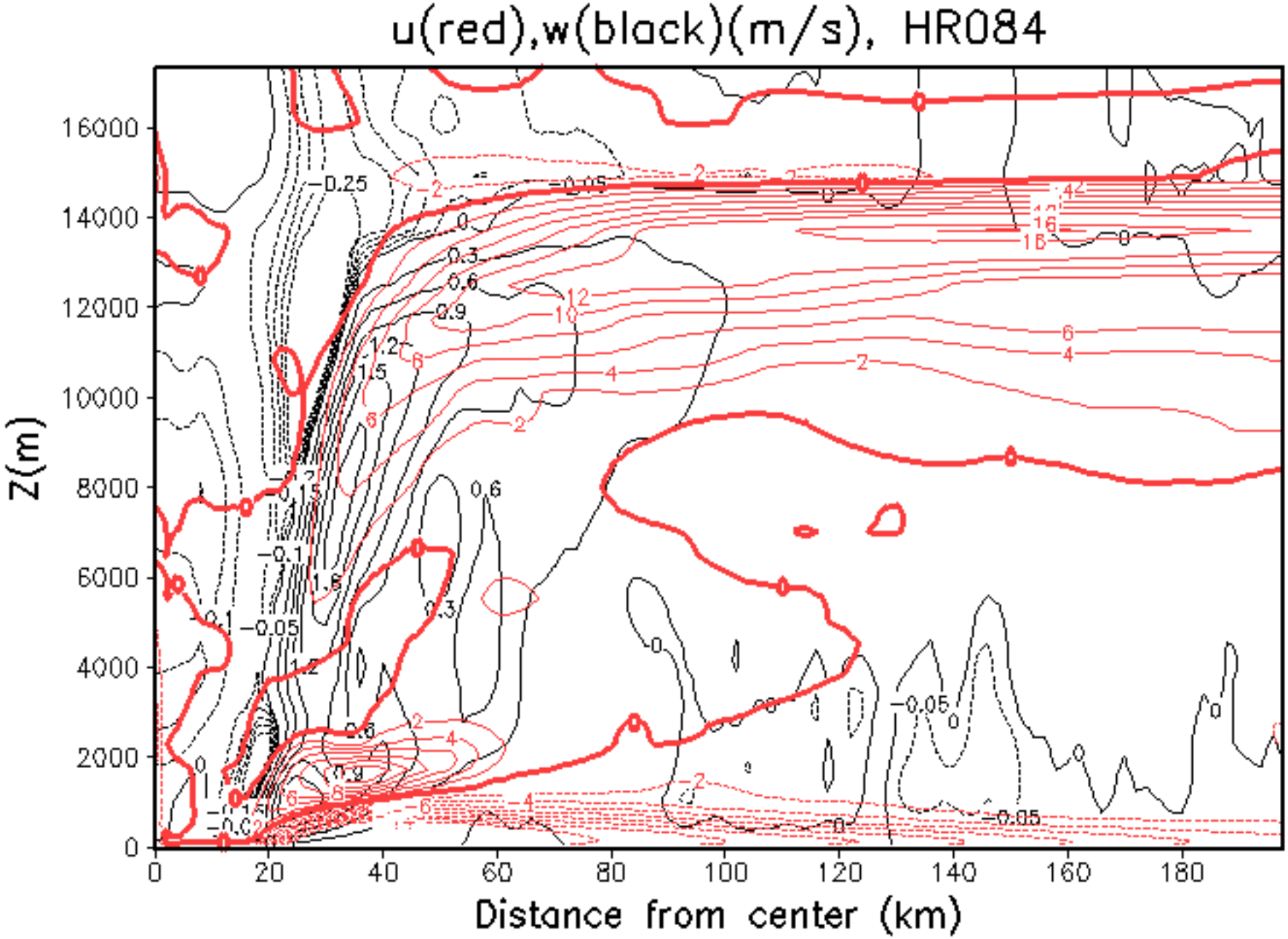

u(red),w(black)(m/s), HR054
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

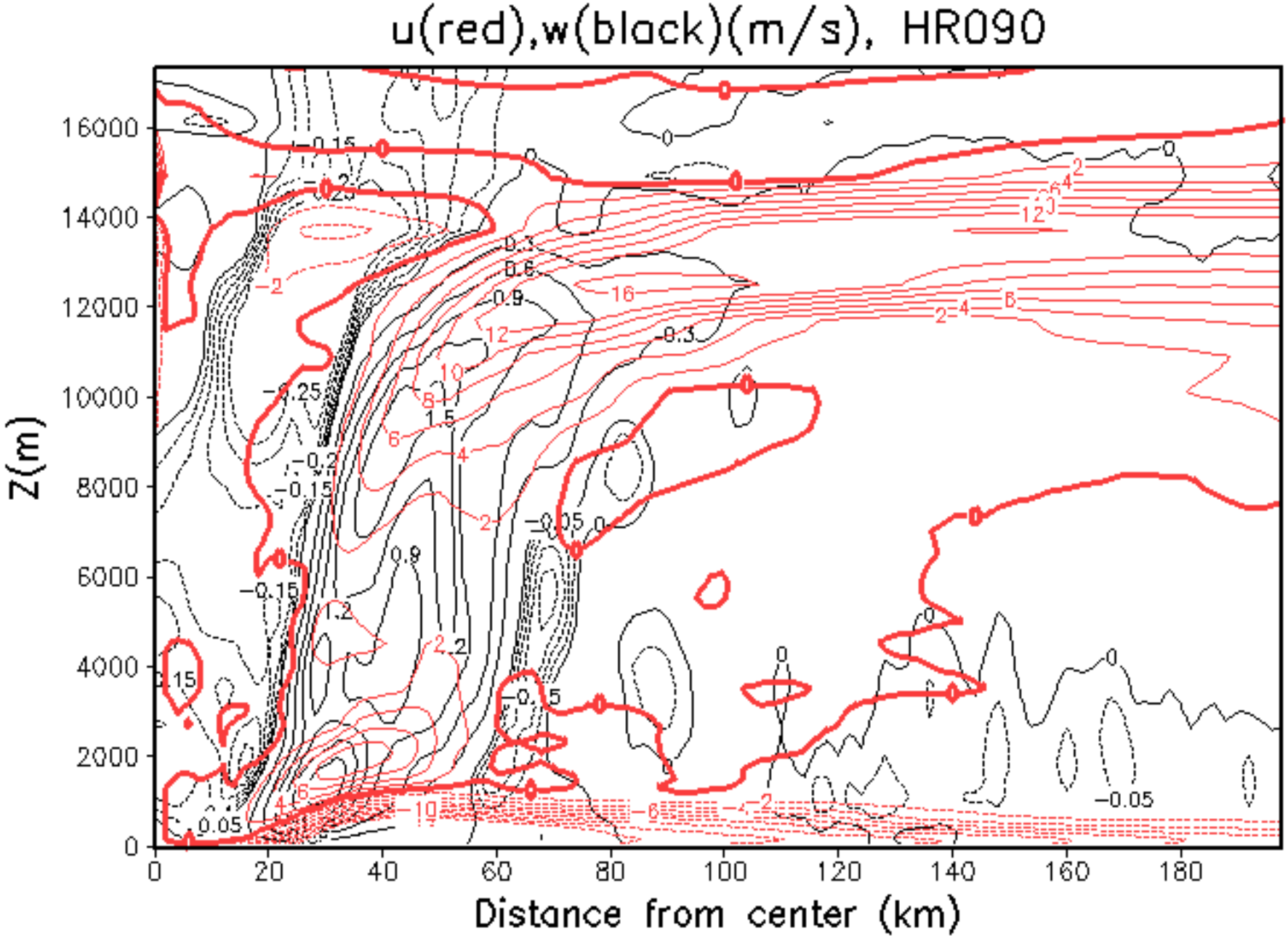

u(red),w(black)(m/s), HR060
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

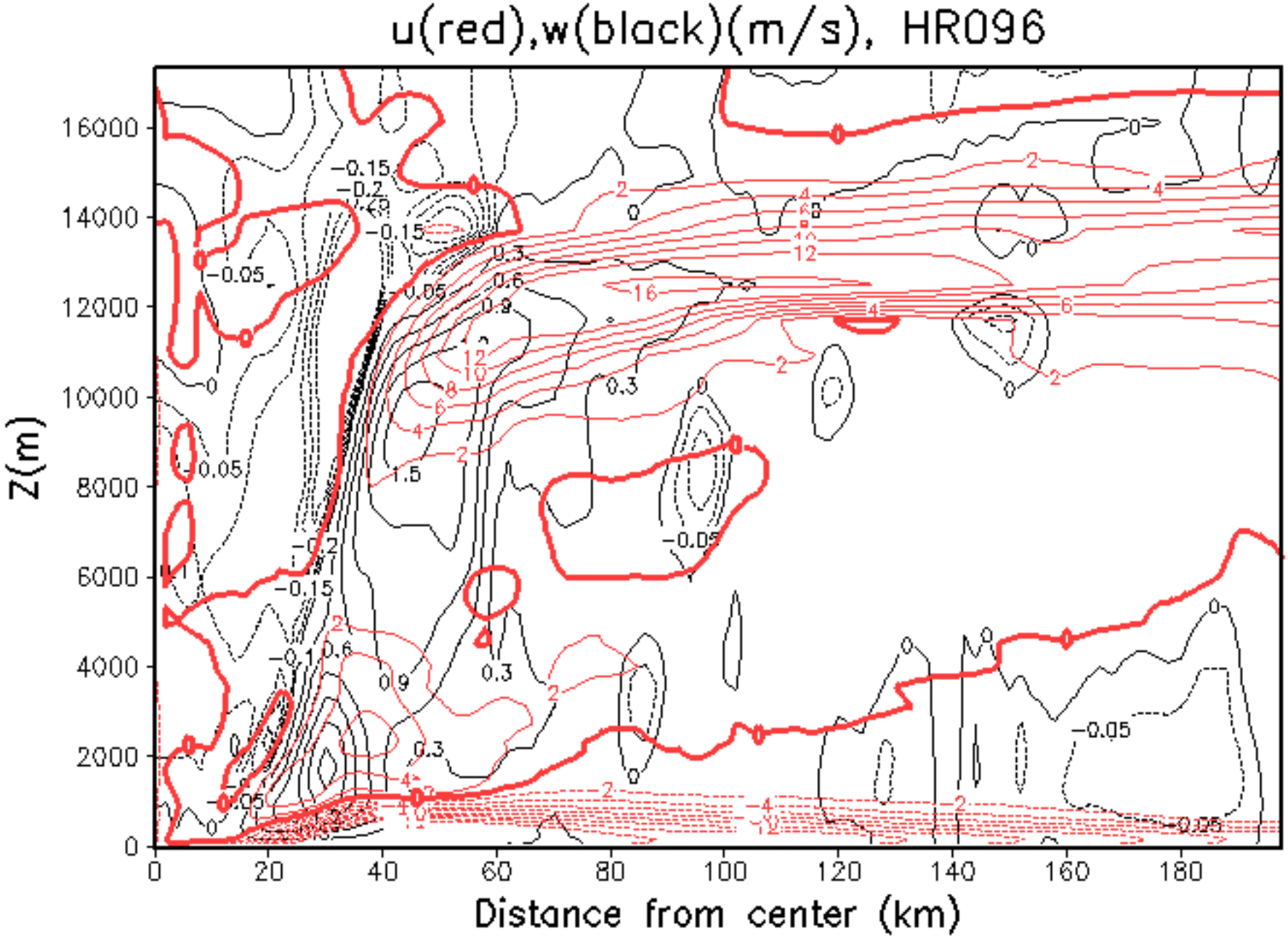

u(red),w(black)(m/s), HR066
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

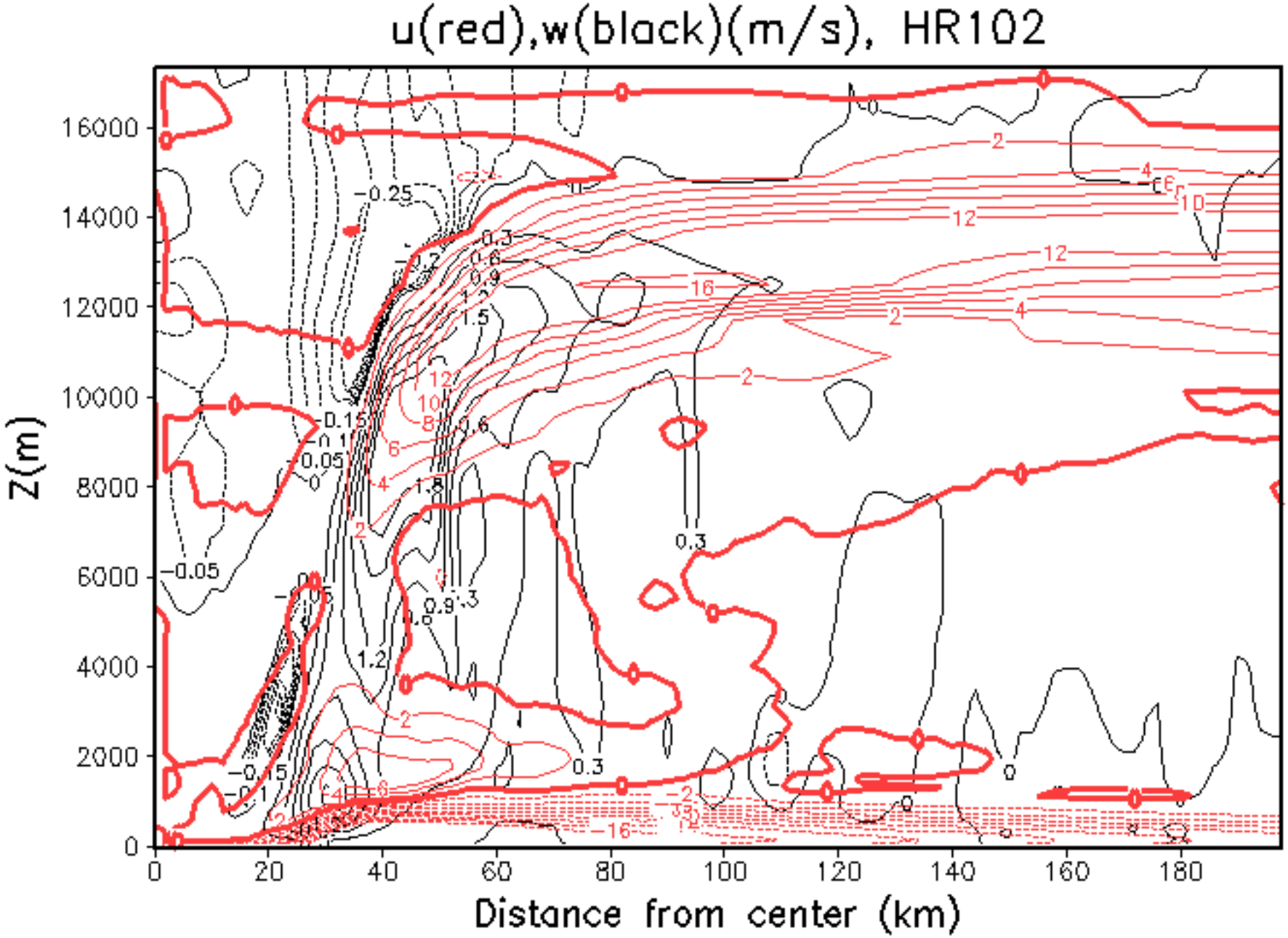

u(red),w(black)(m/s), HR072
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

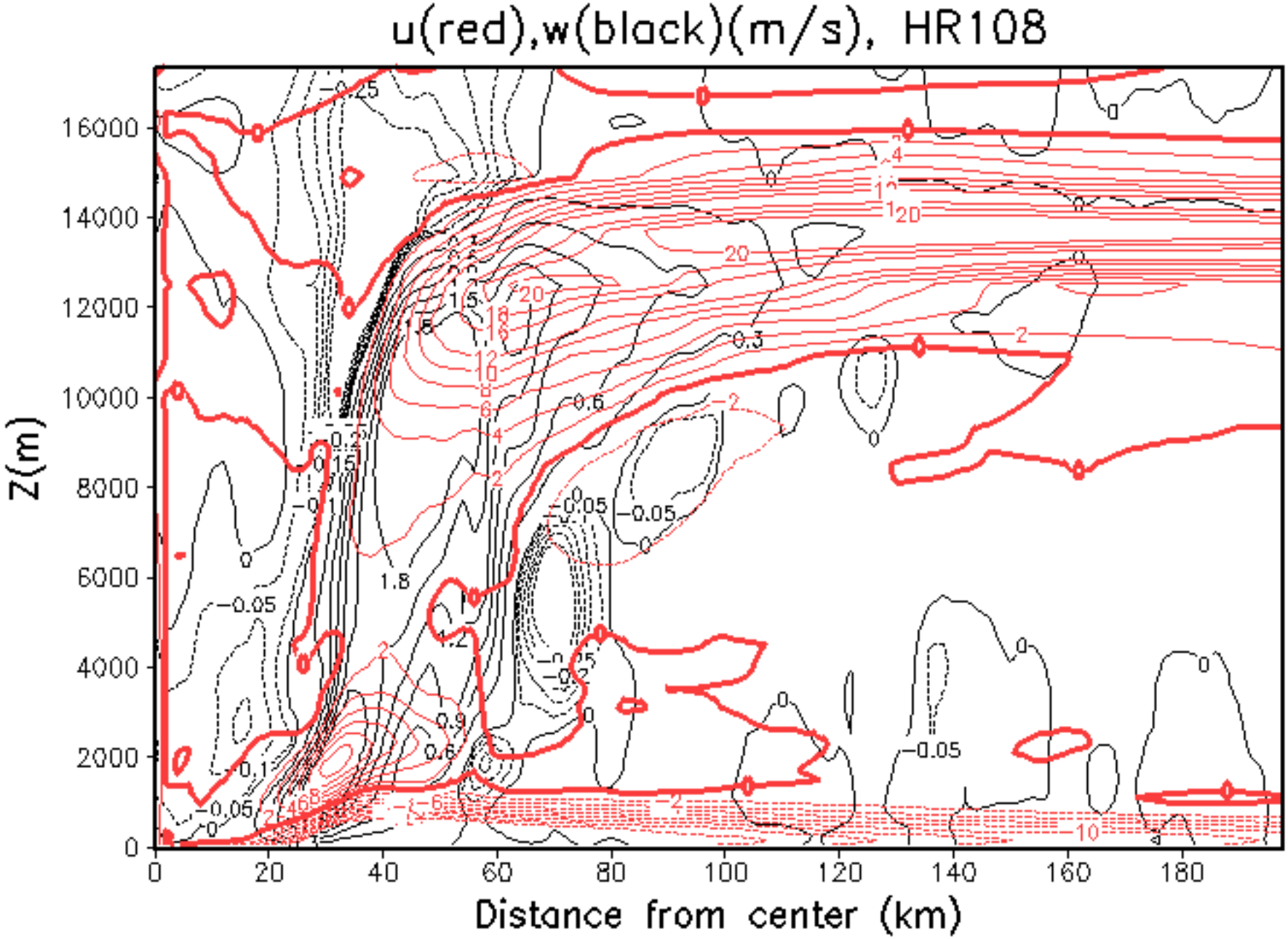

u(red),w(black)(m/s), HR078
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

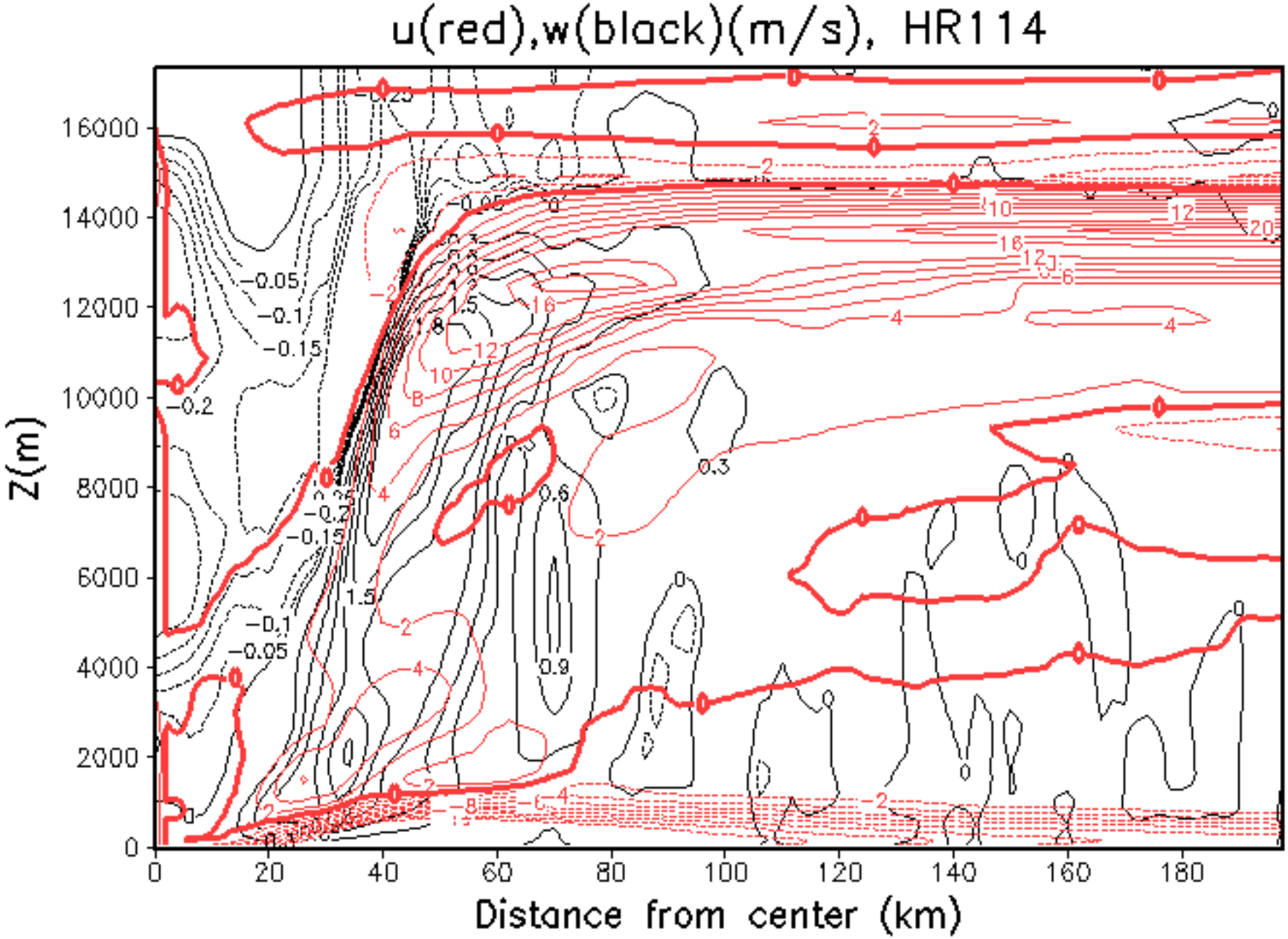

u(red),w(black)(m/s), HR084
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

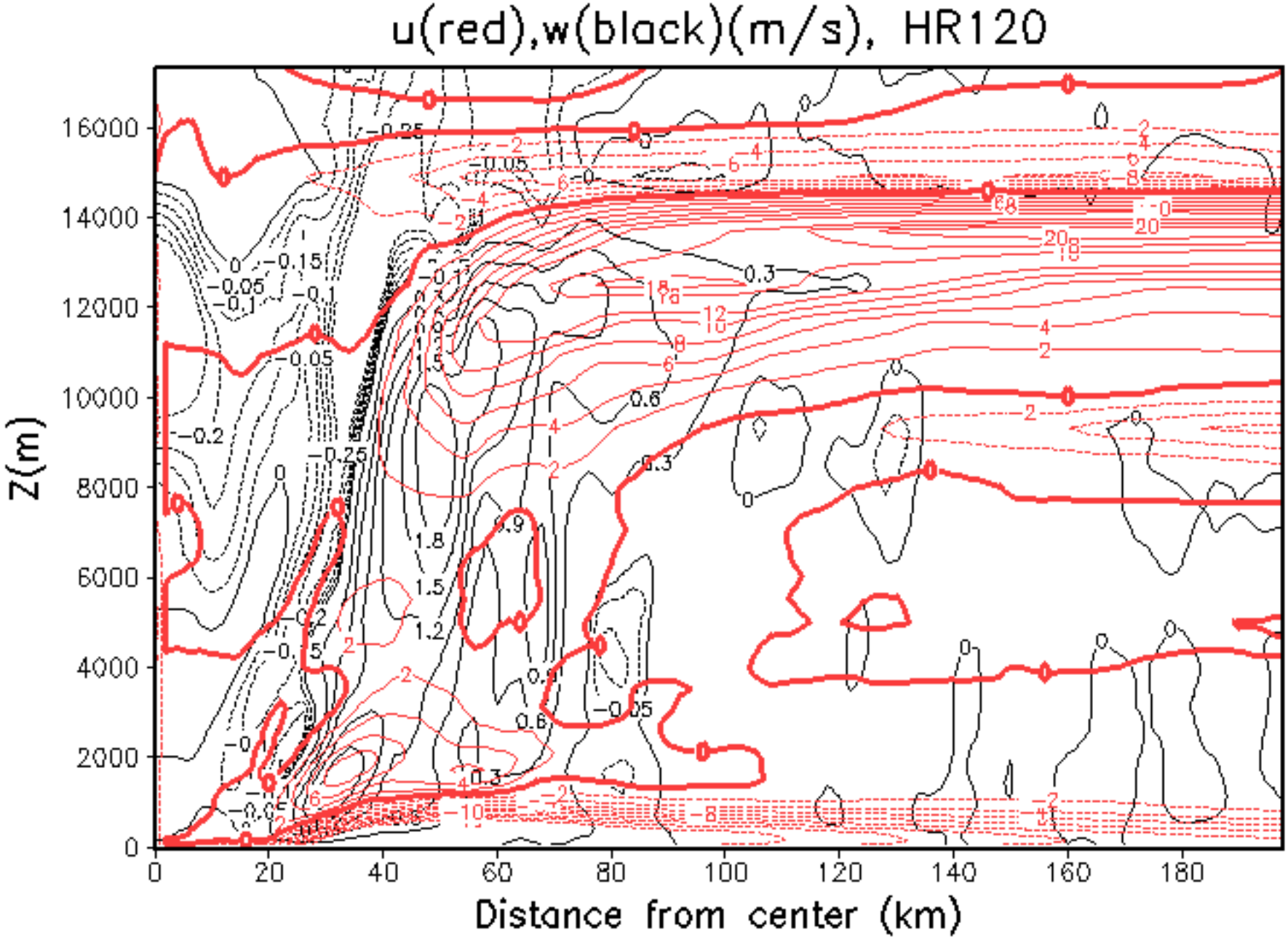

u(red),w(black)(m/s), HR090
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

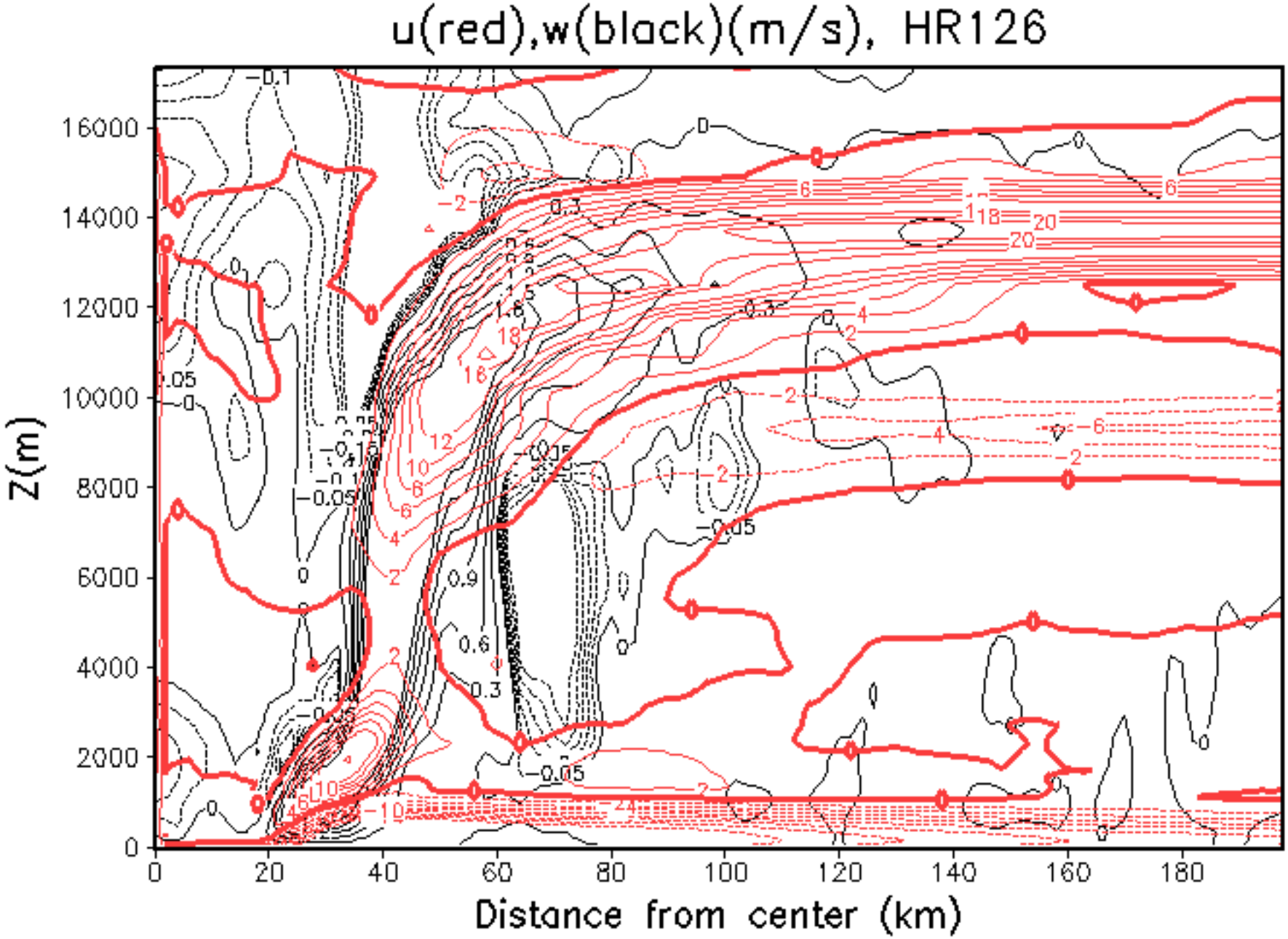

u(red),w(black)(m/s), HR096
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR102
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR108
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR114
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR120
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR126
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180