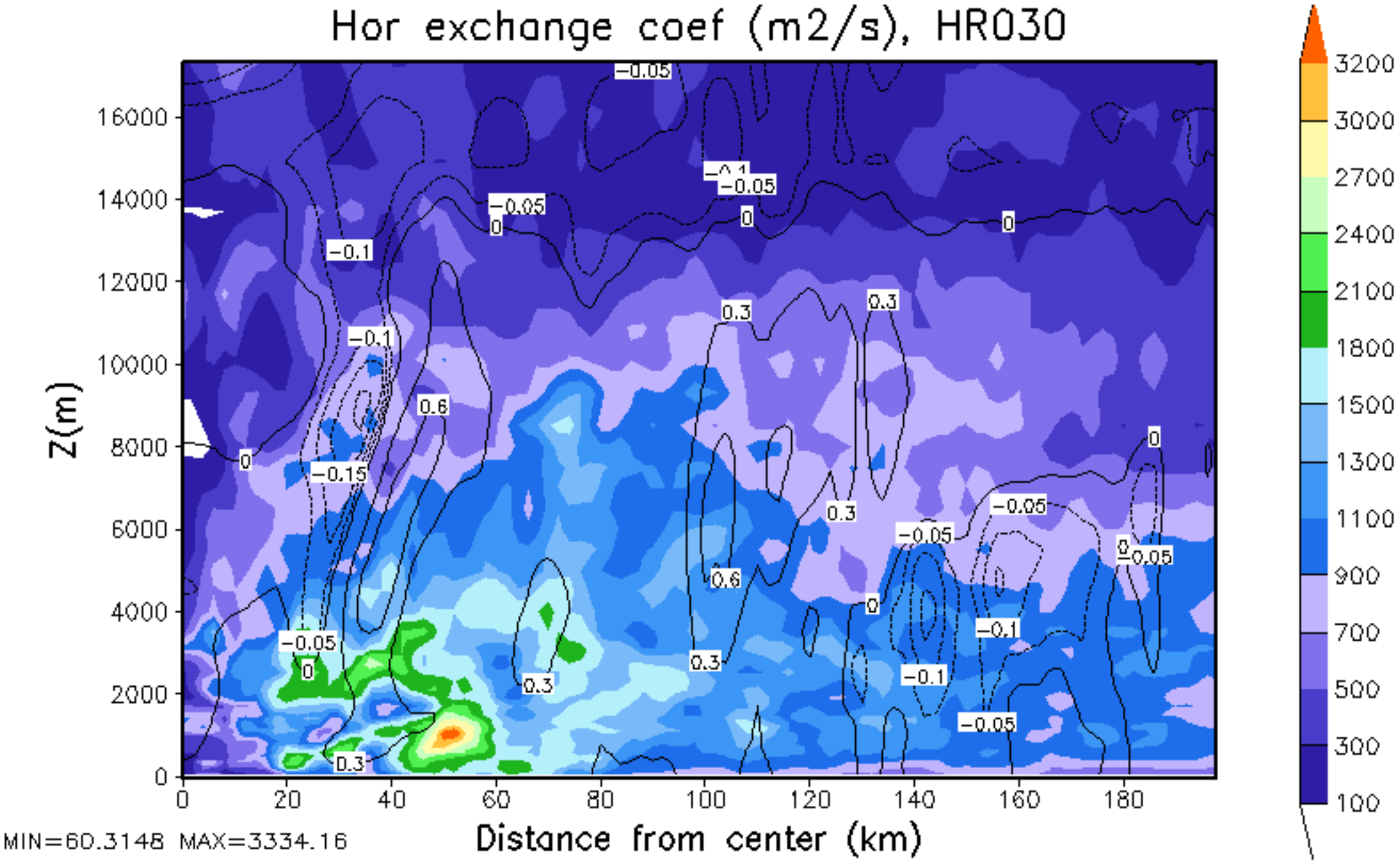
Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=60.3148 MAX=3334.16
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10000
12000
14000
16000
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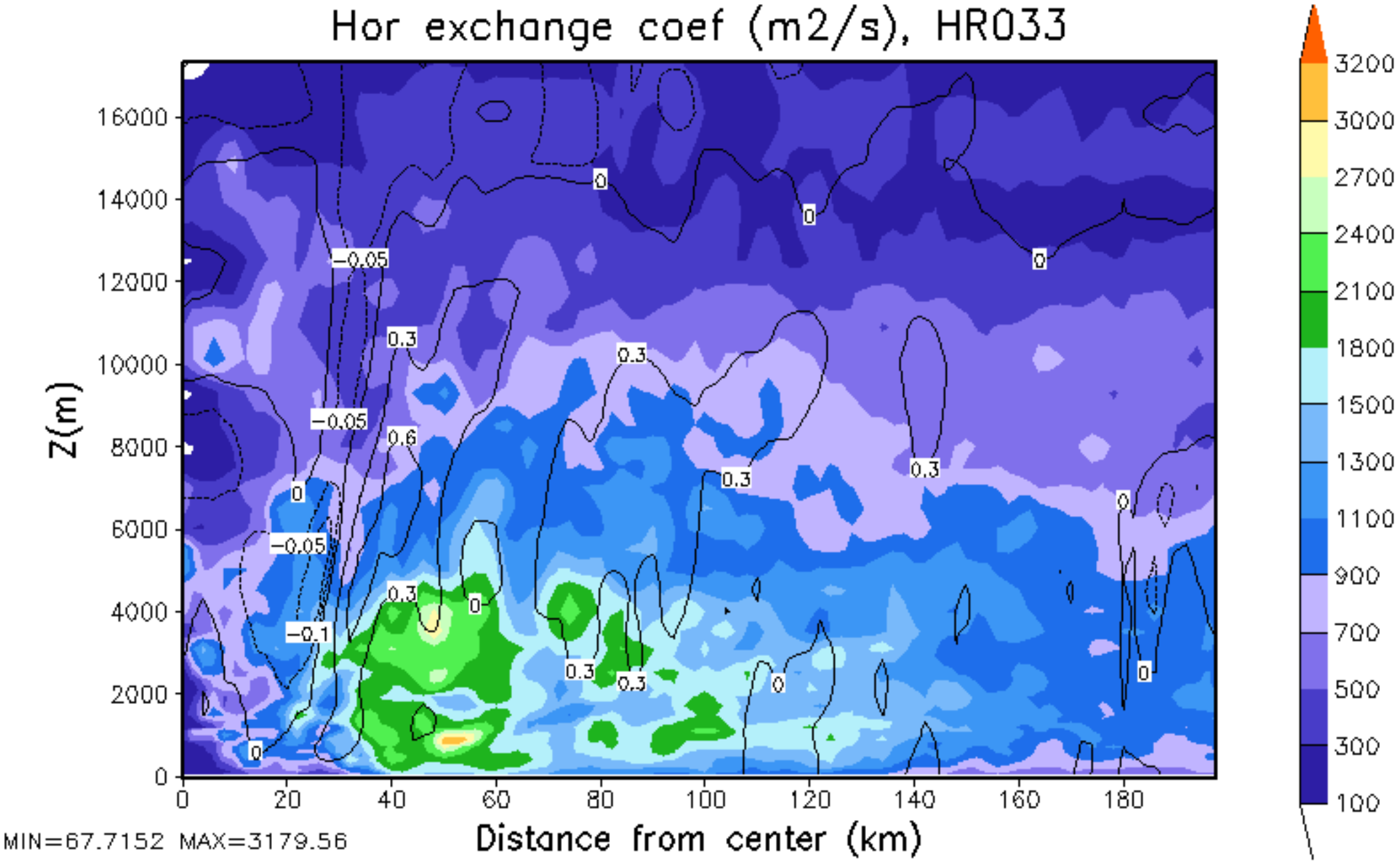
Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=67.7152 MAX=3179.56
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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3200
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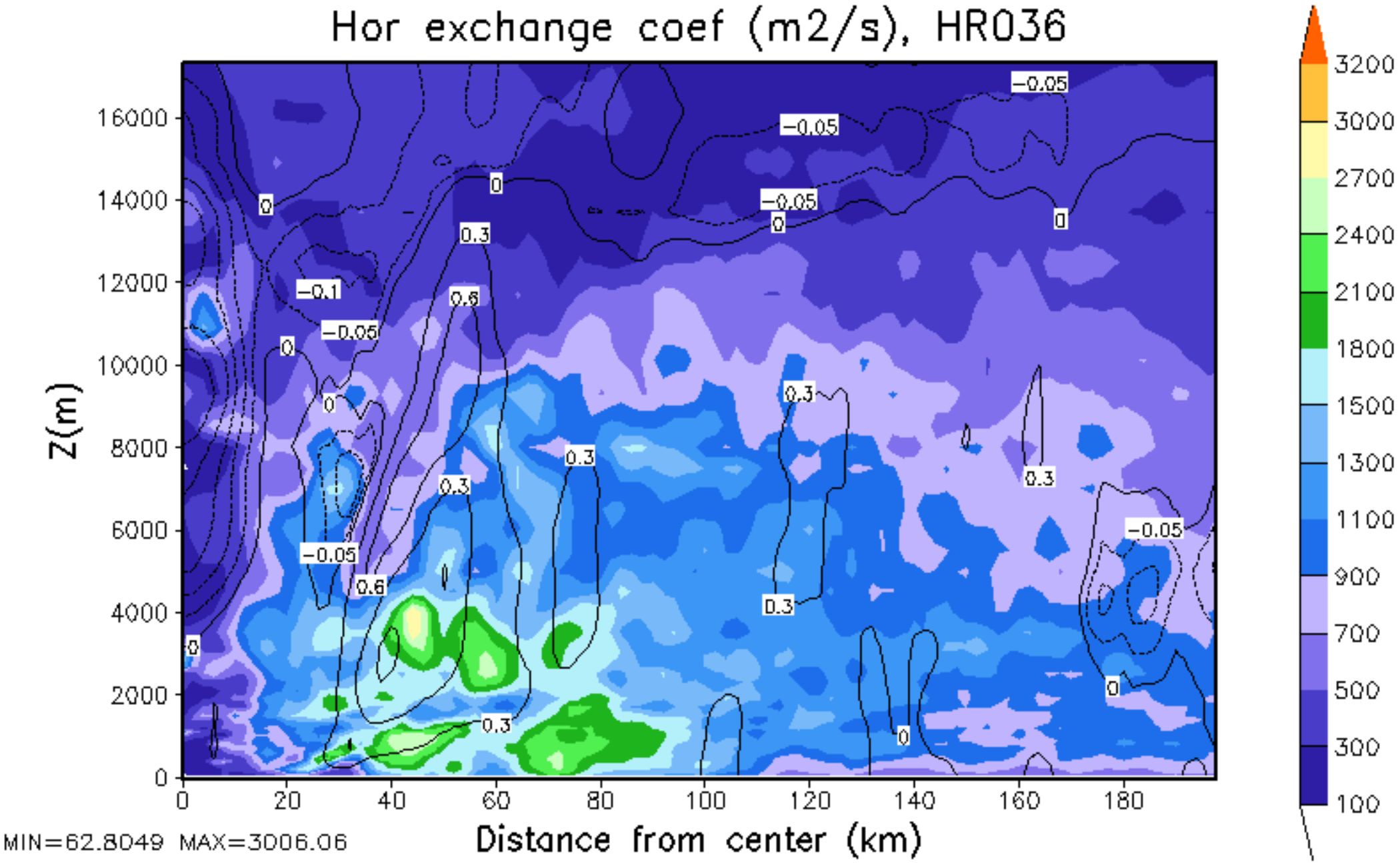
−0.1


Hor exchange coef (m2/s), HR036
Z(m)
Distance from center (km)
MIN=62.8049 MAX=3006.06
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6000
8000
10000
12000
14000
16000
0
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40
60
80
100
120
140
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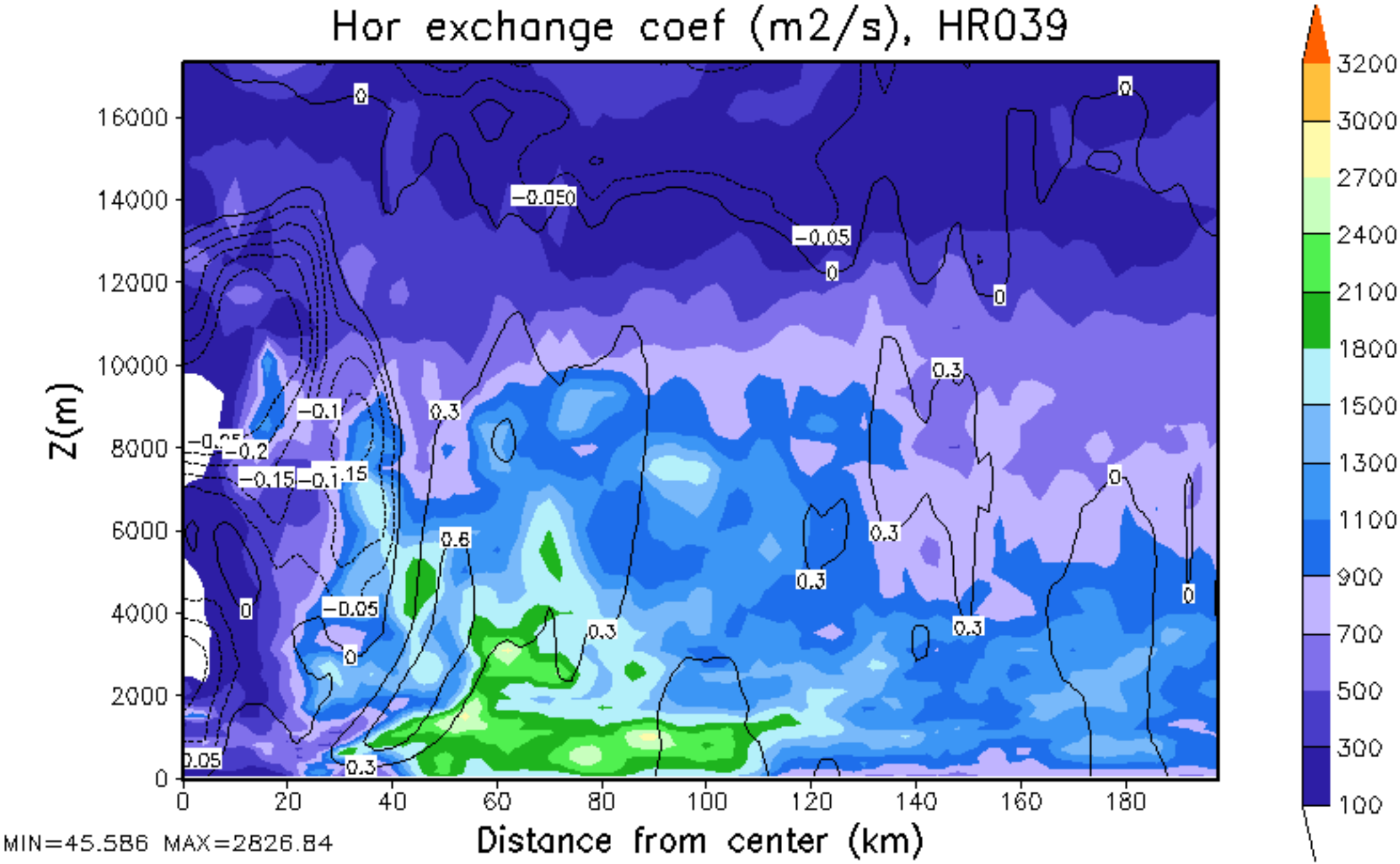
-0.1


Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=45.586 MAX=2826.84
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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-0.2
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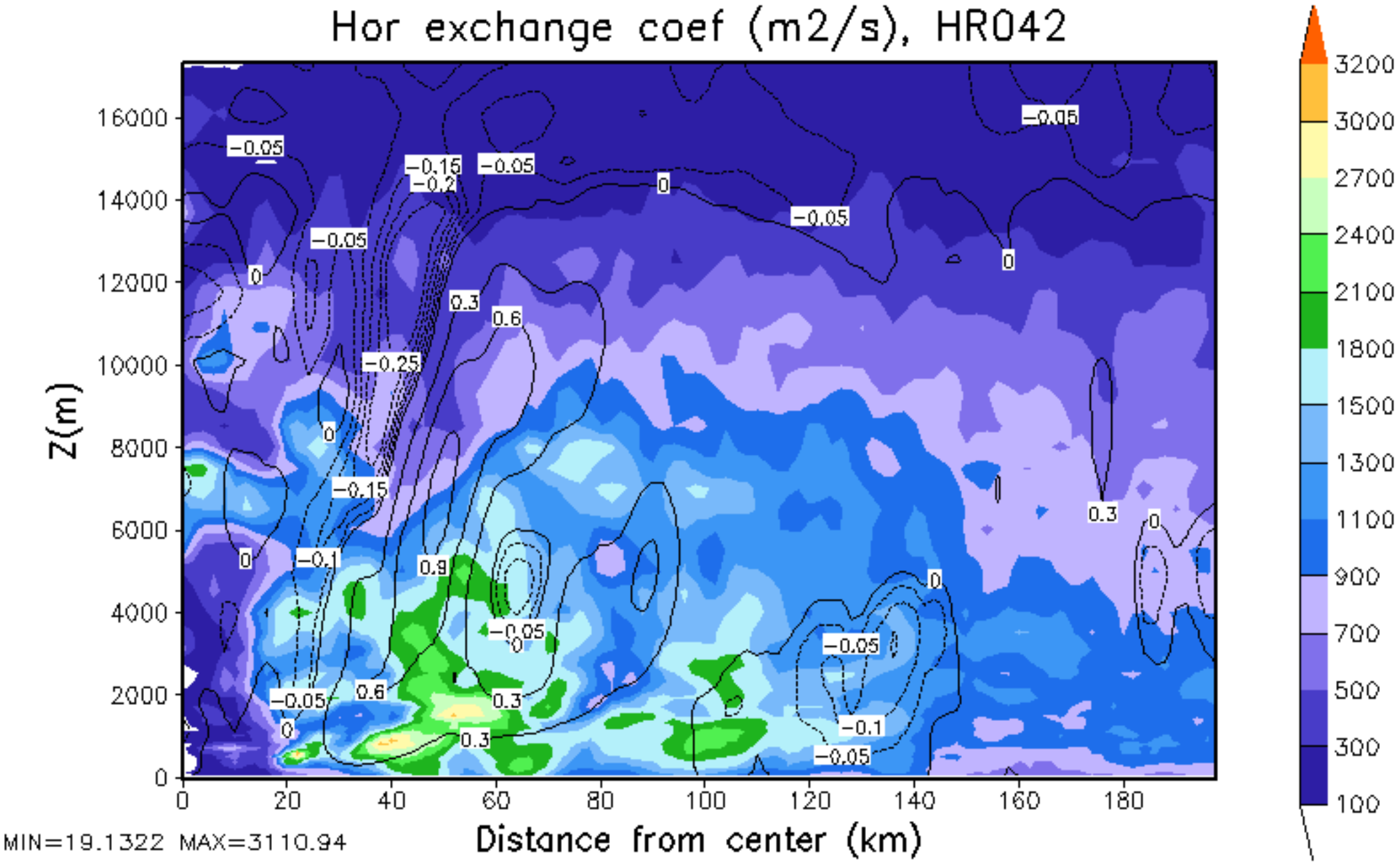
Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=19.1322 MAX=3110.94
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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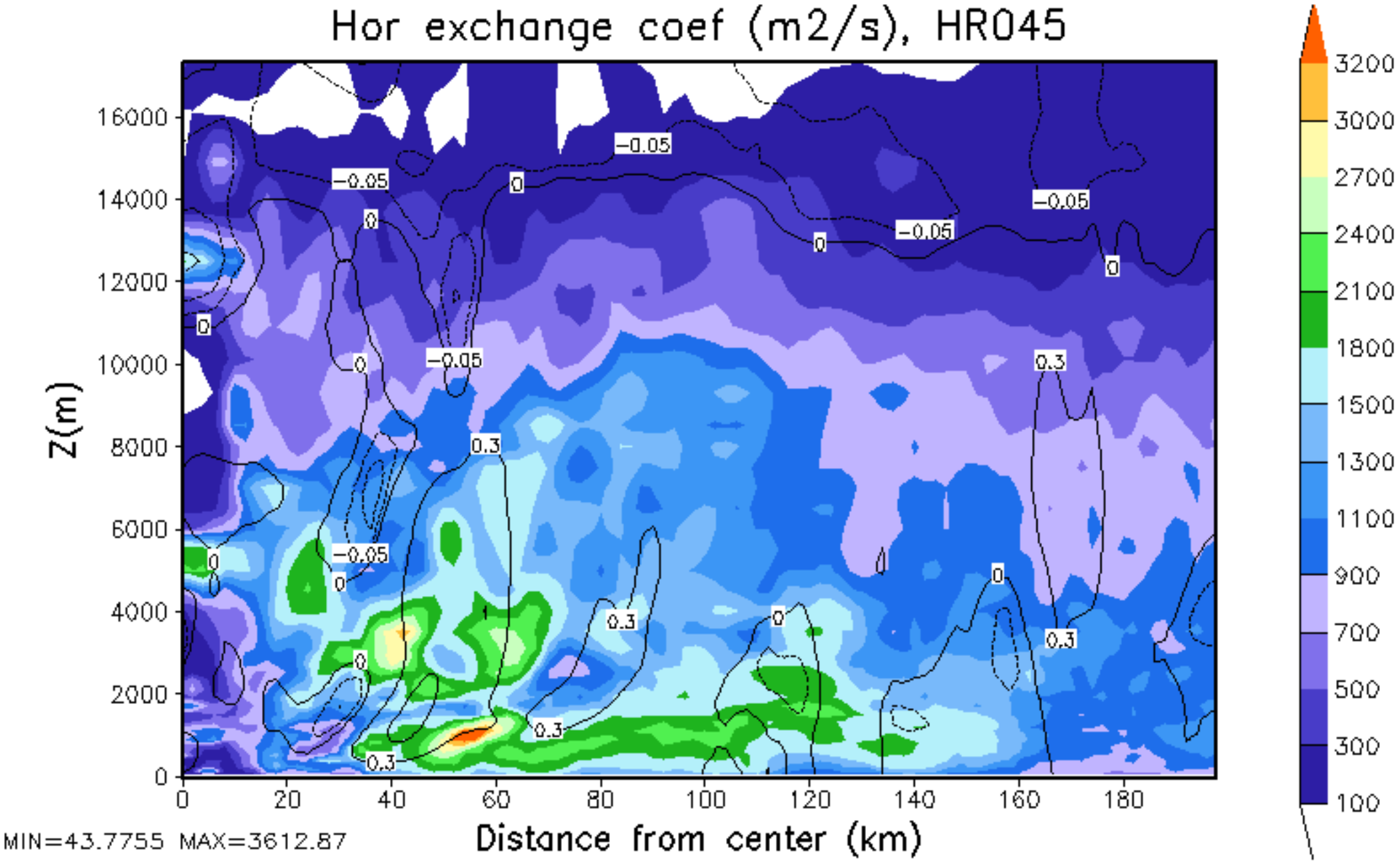
Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=43.7755 MAX=3612.87
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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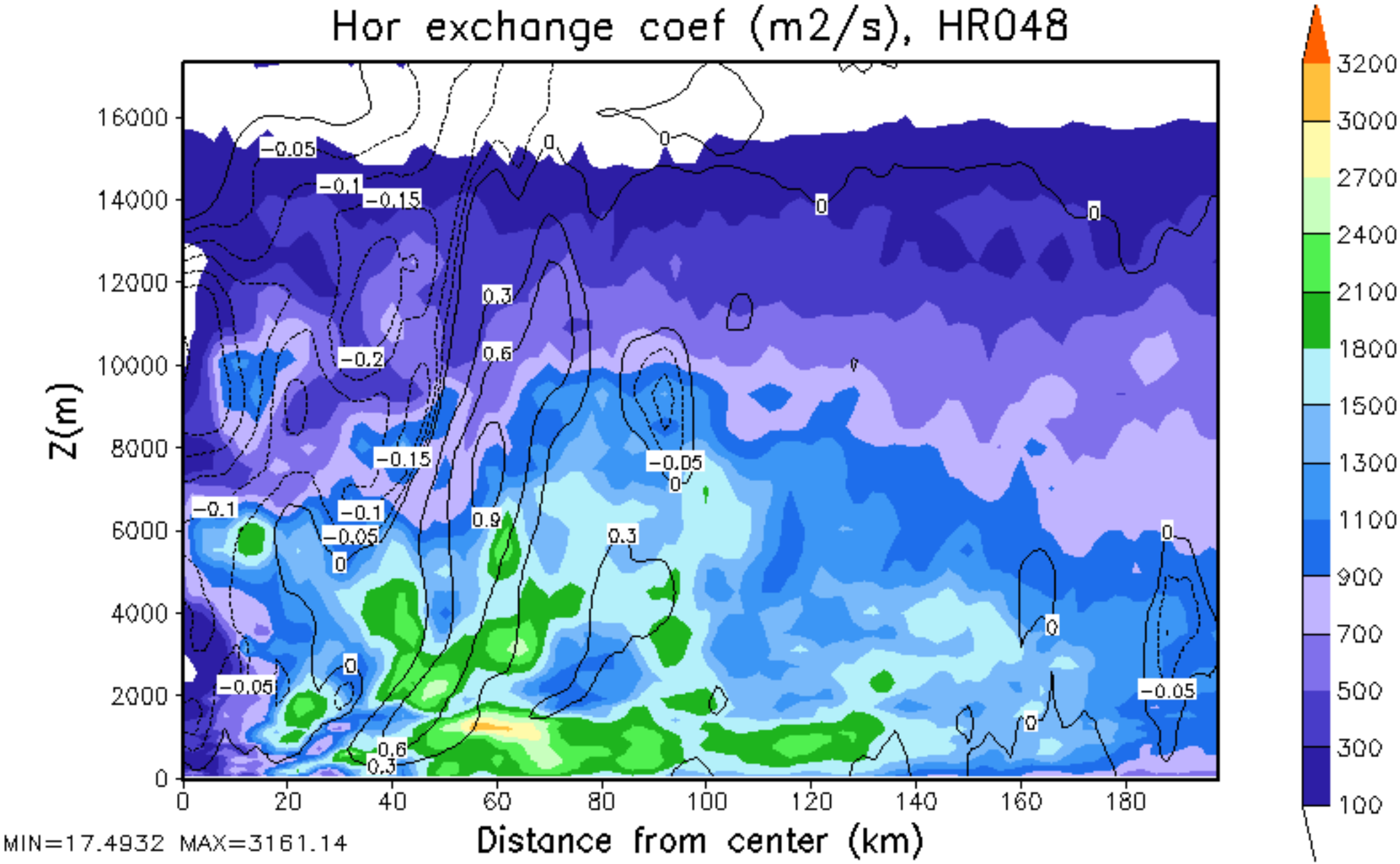
0.3


Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=17.4932 MAX=3161.14
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6000
8000
10000
12000
14000
16000
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300
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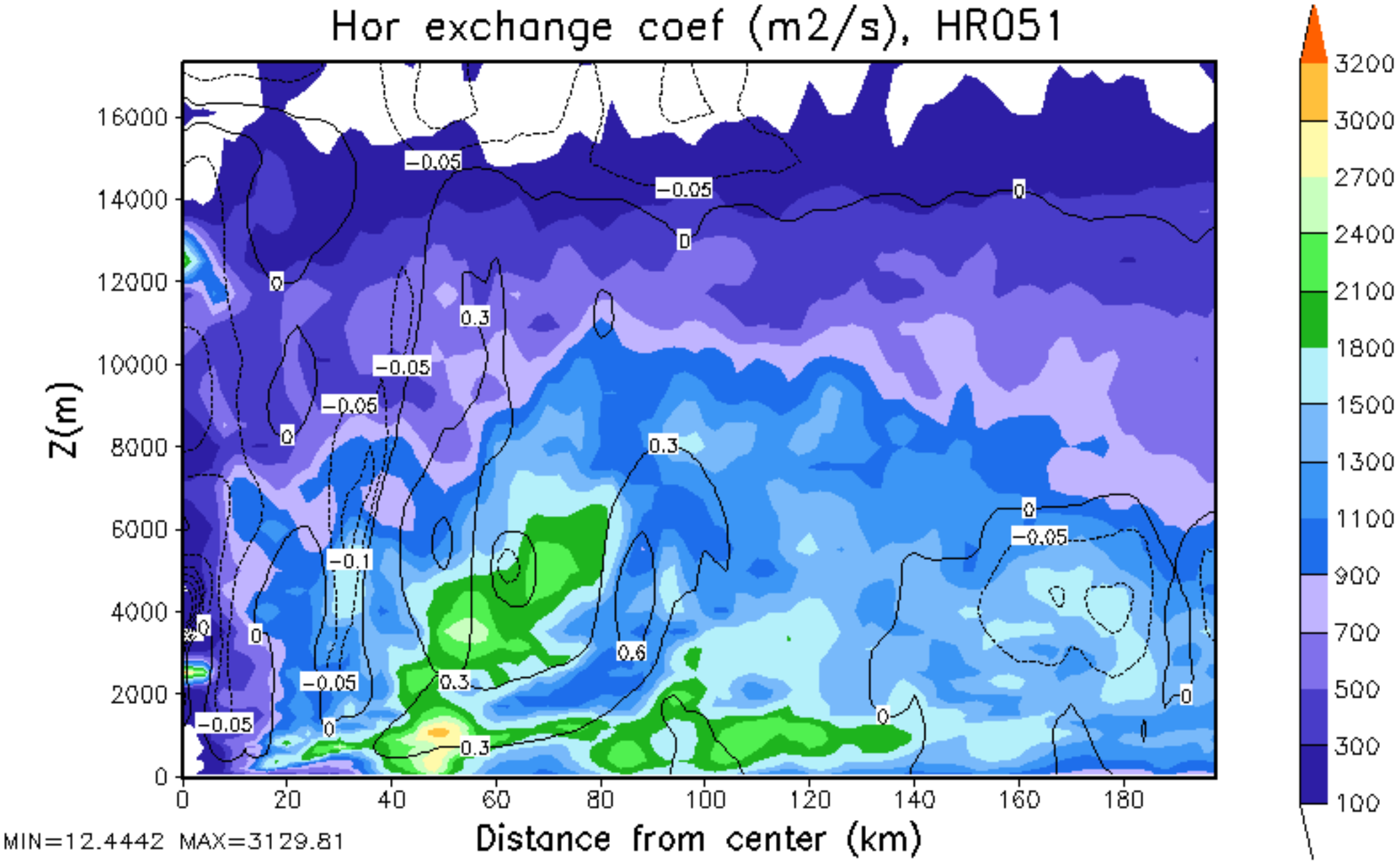
Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=12.4442 MAX=3129.81
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6000
8000
10000
12000
14000
16000
0
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40
60
80
100
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3200
3000
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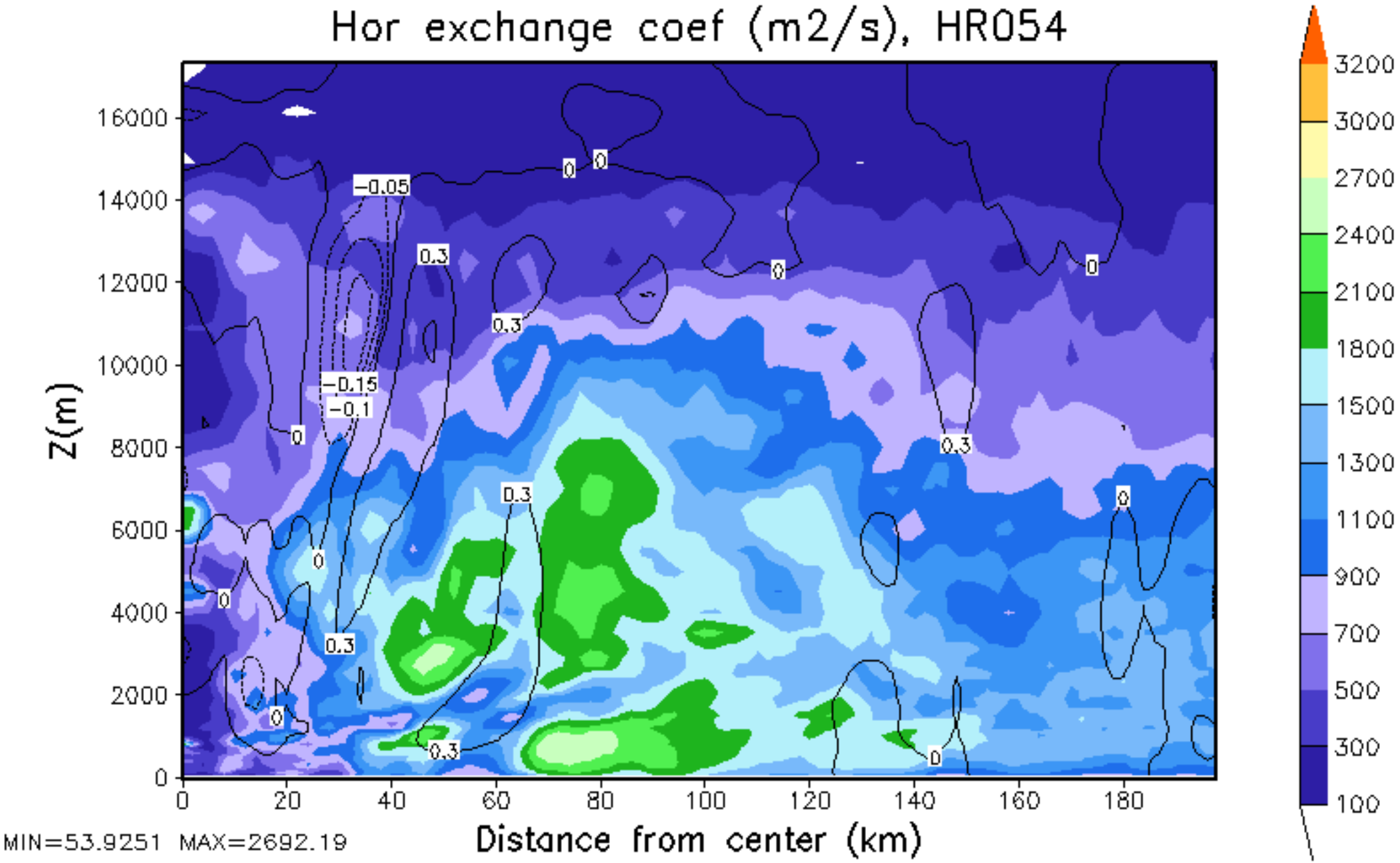
-0.05
0
0.3
-0.1
0.6


Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=53.9251 MAX=2692.19
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6000
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10000
12000
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16000
0
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60
80
100
120
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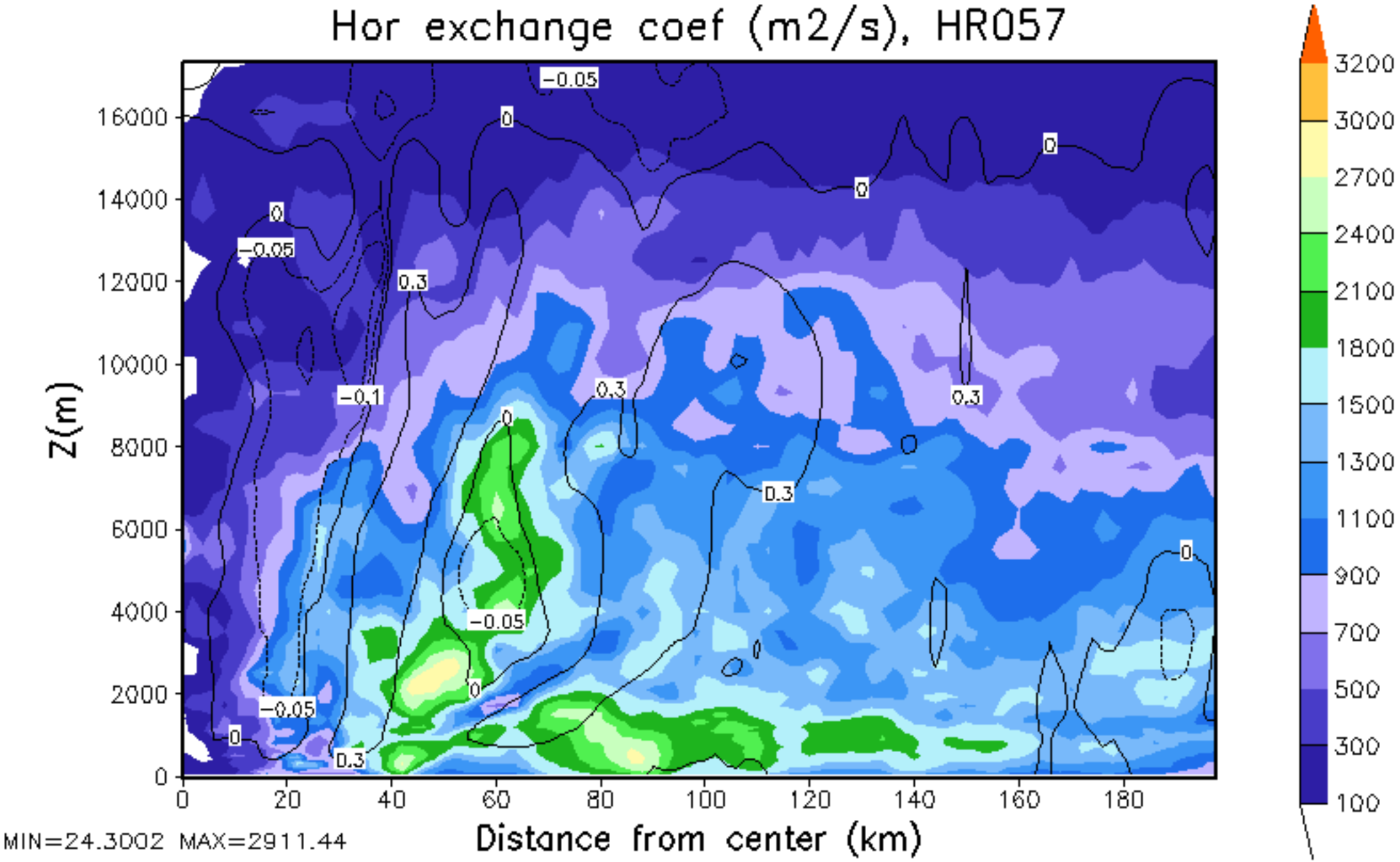
Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=24.3002 MAX=2911.44
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8000
10000
12000
14000
16000
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60
80
100
120
140
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180
3200
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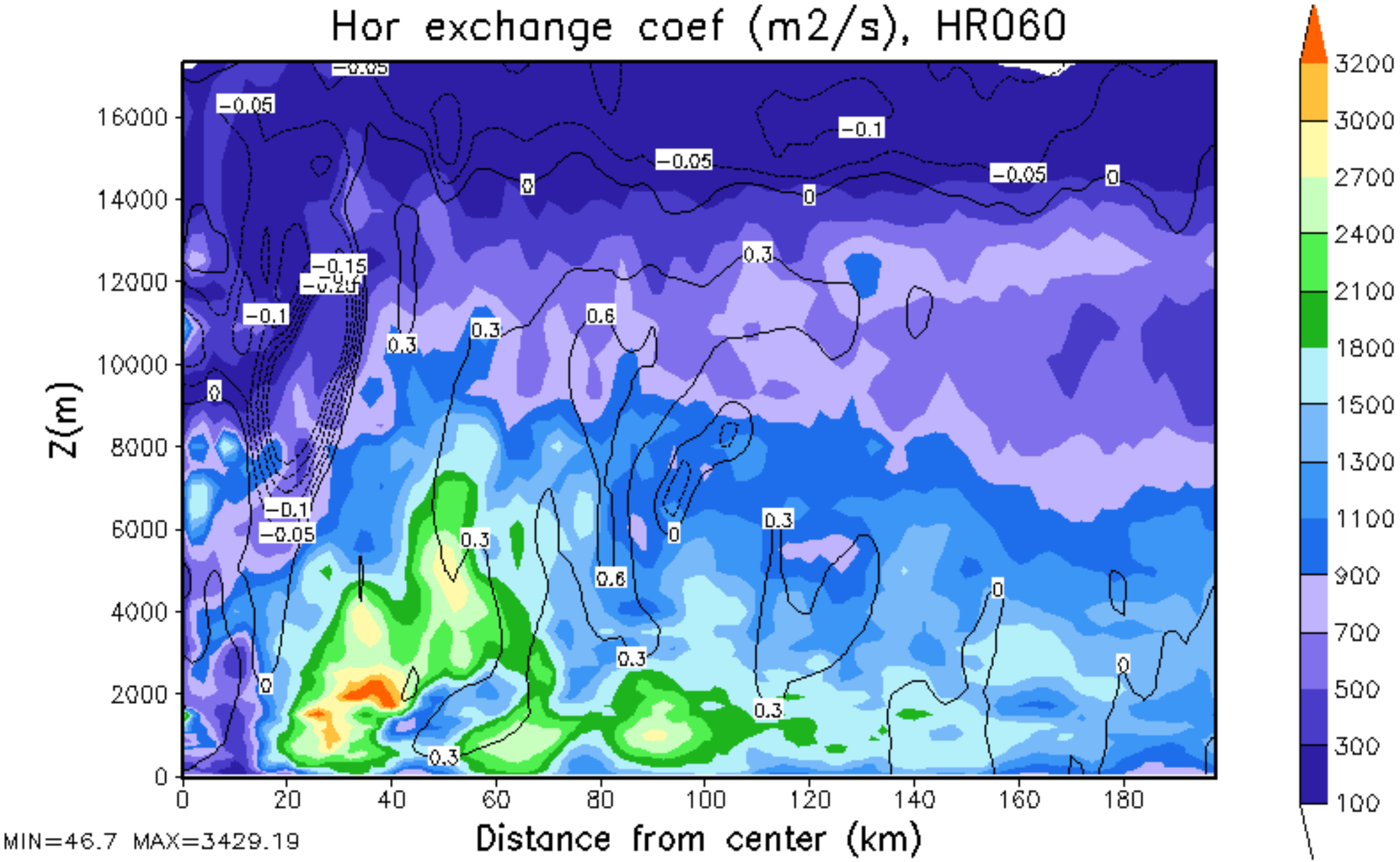
-0.1


Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=46.7 MAX=3429.19
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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300
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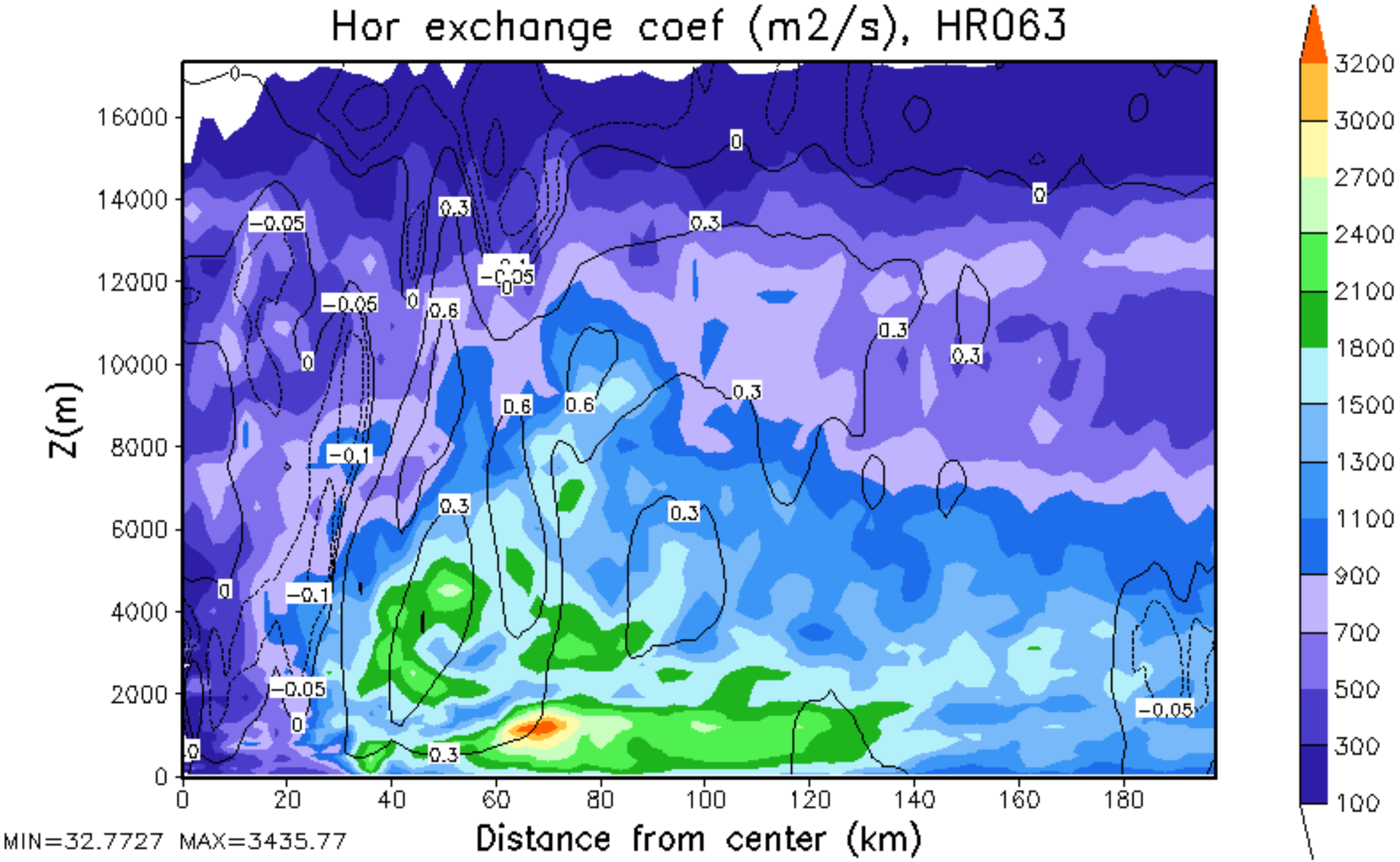
Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=32.7727 MAX=3435.77
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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300
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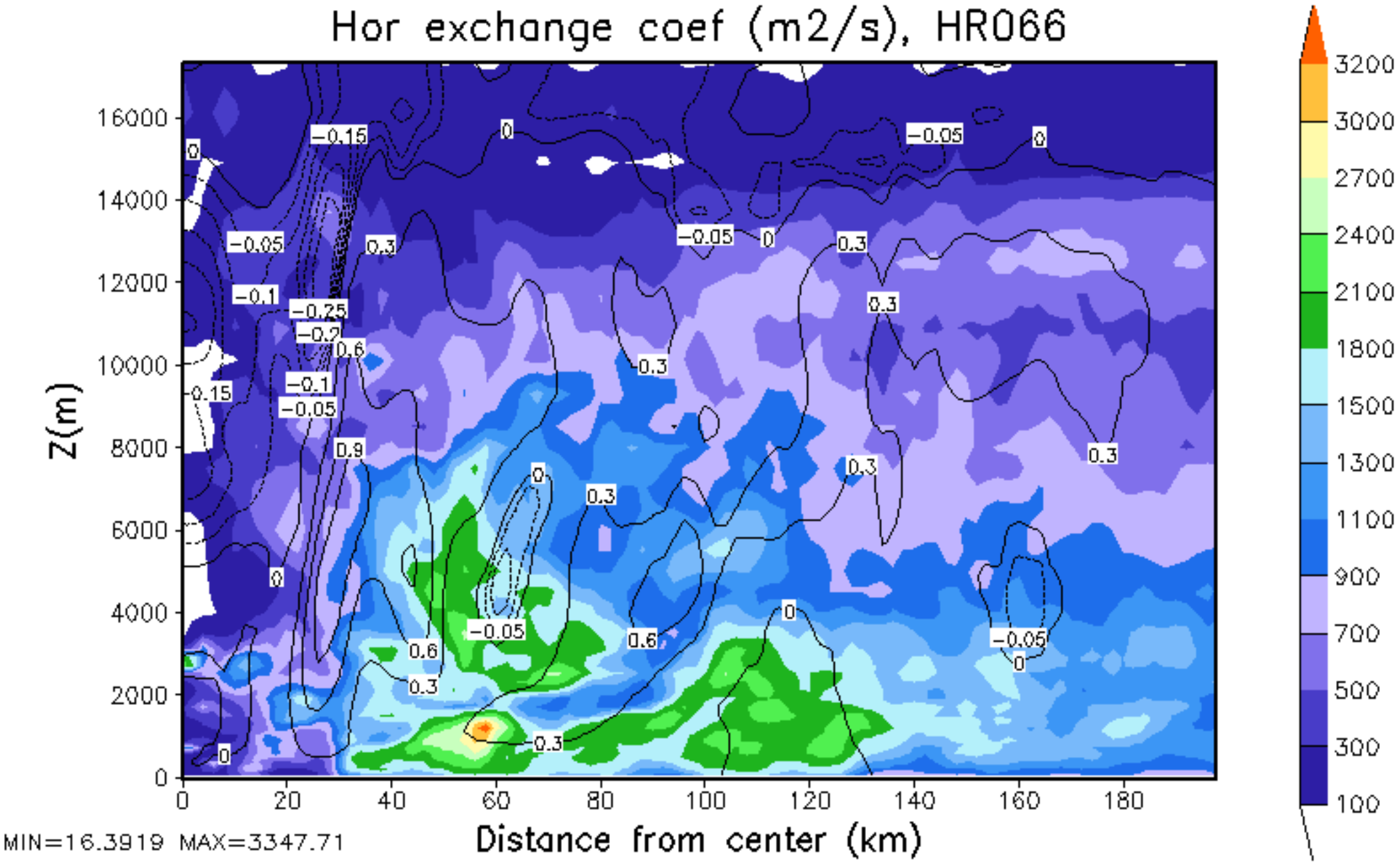
Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=16.3919 MAX=3347.71
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8000
10000
12000
14000
16000
0
20
40
60
80
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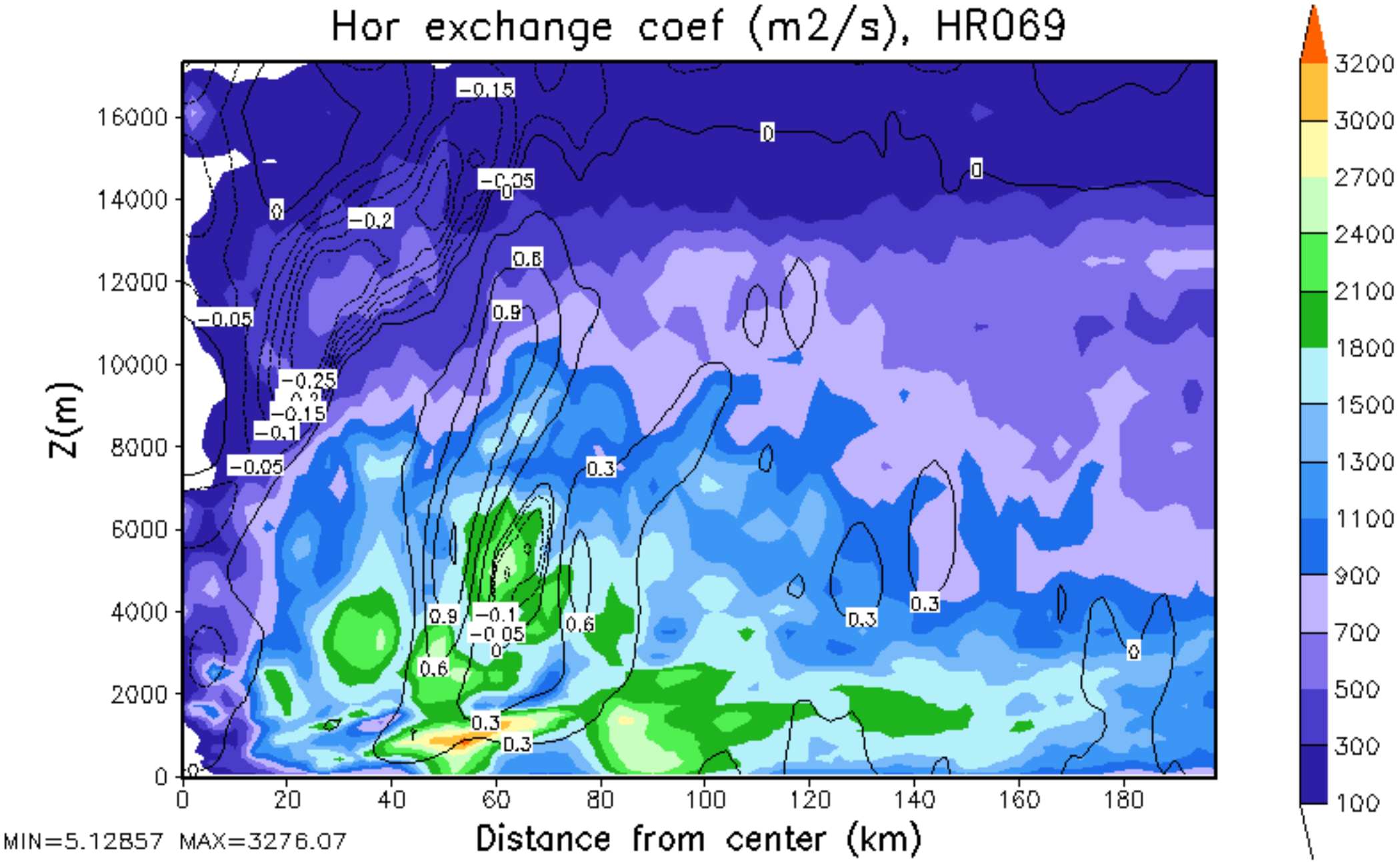
Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=5.12857 MAX=3276.07
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8000
10000
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16000
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40
60
80
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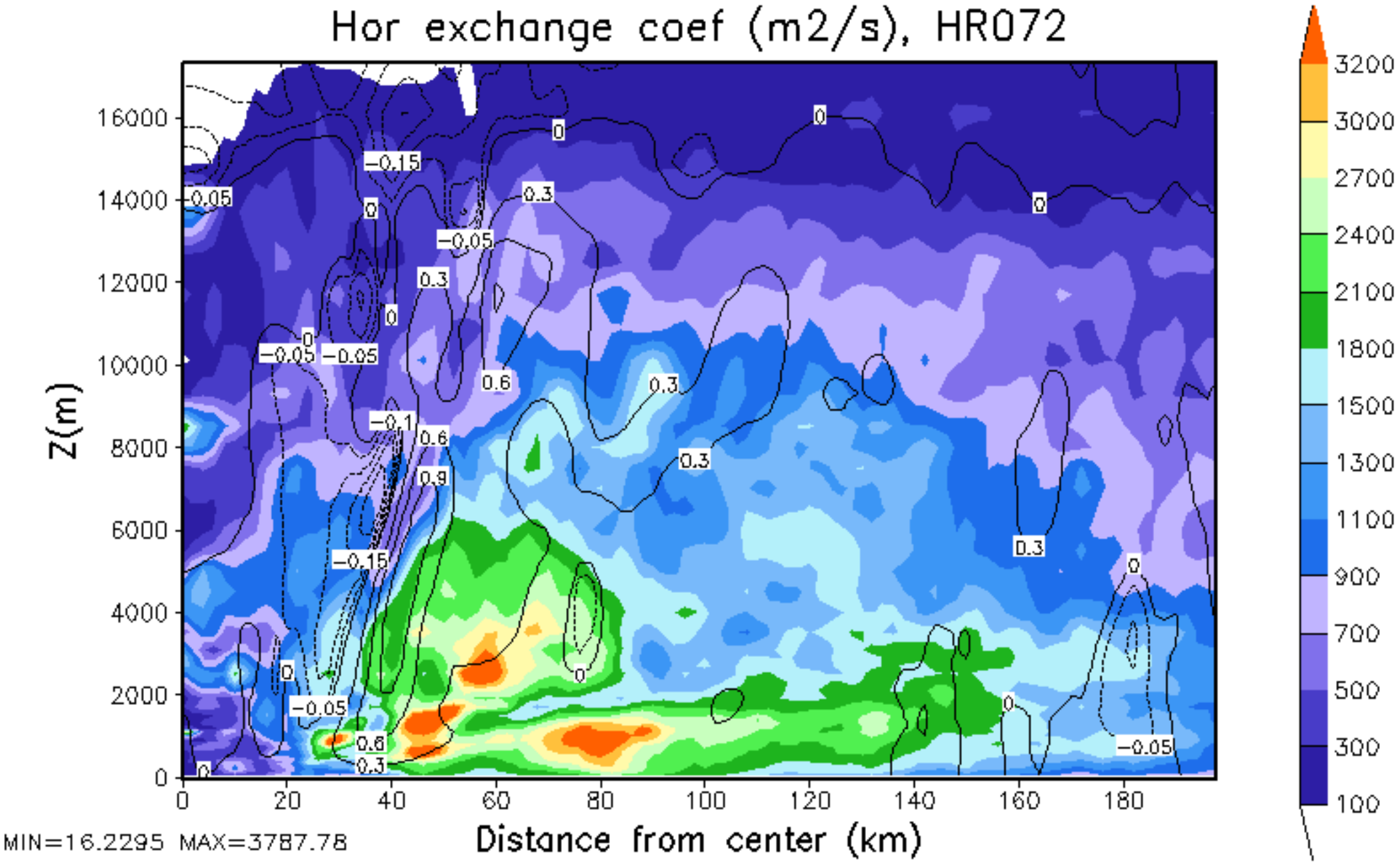
Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=16.2295 MAX=3787.78
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6000
8000
10000
12000
14000
16000
0
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40
60
80
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300
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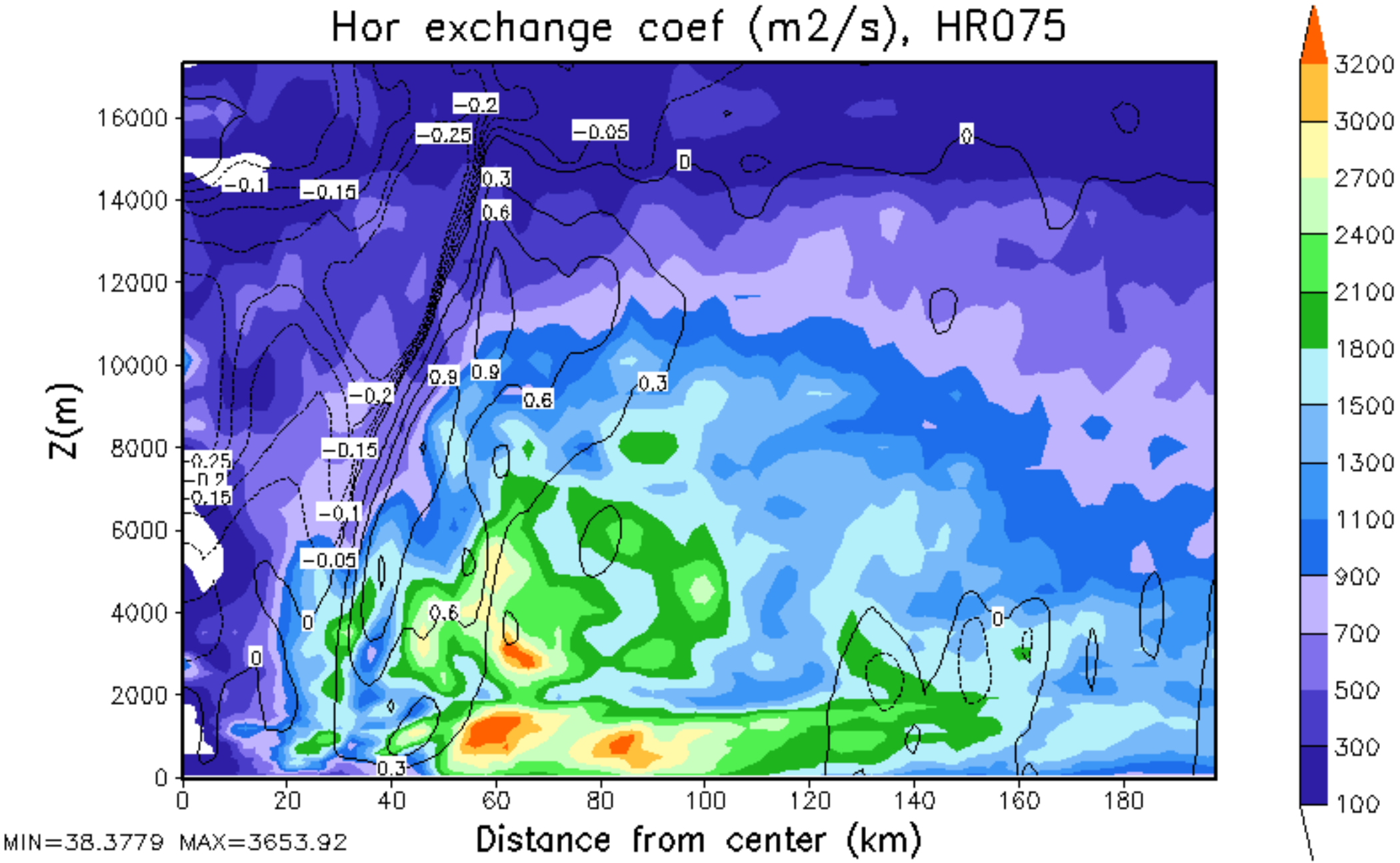
Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=38.3779 MAX=3653.92
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8000
10000
12000
14000
16000
0
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60
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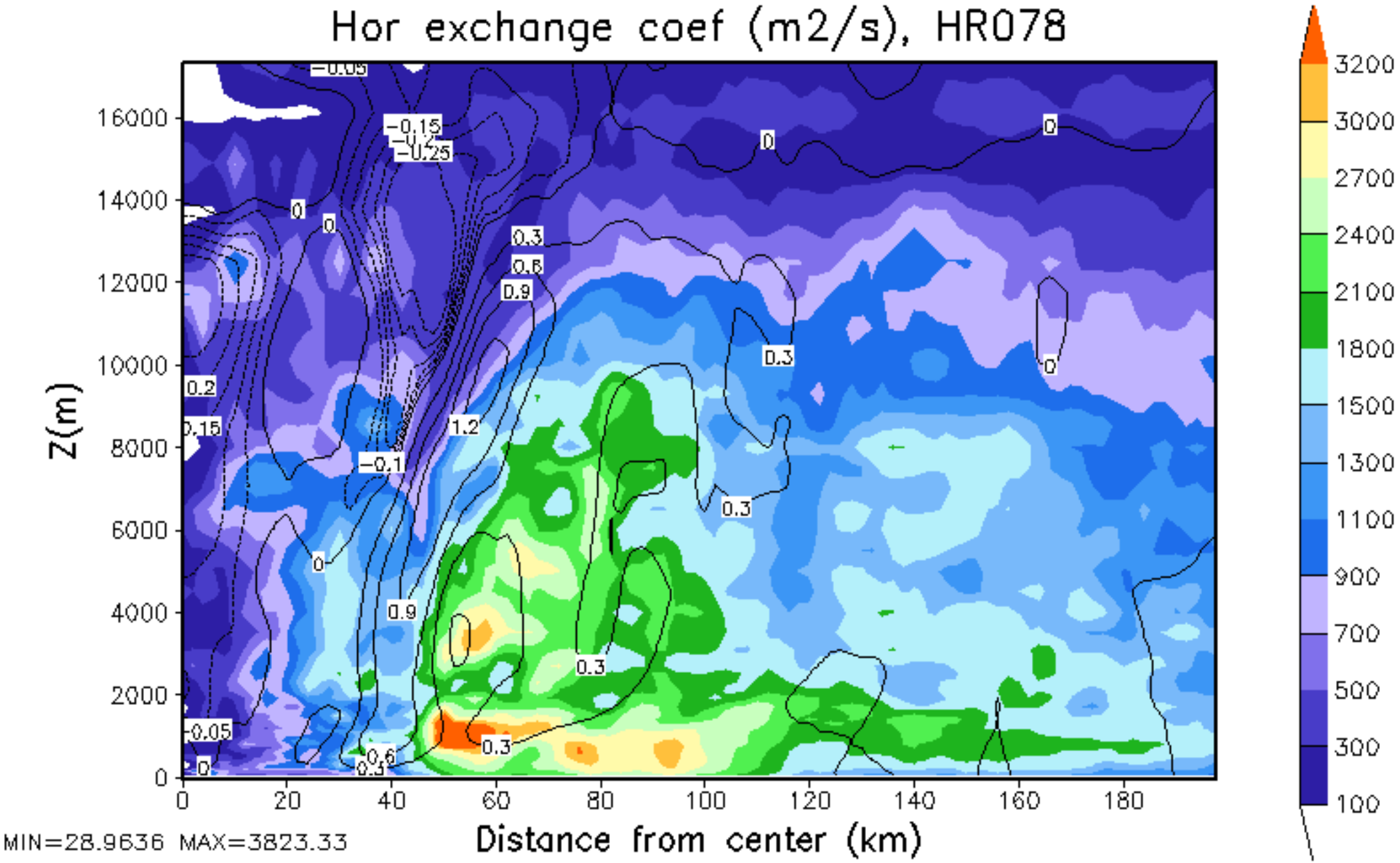
Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=28.9636 MAX=3823.33
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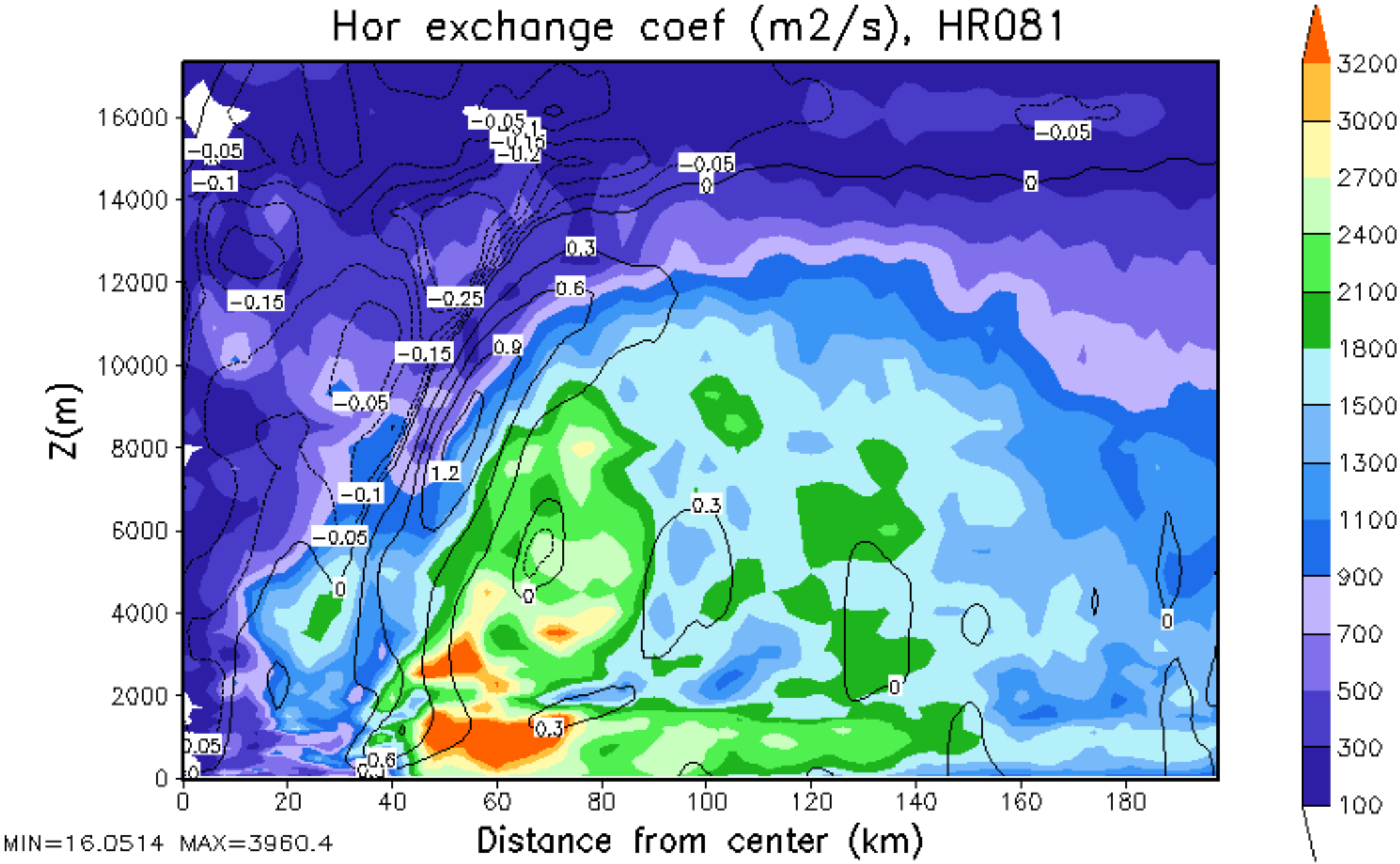
Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=16.0514 MAX=3960.4
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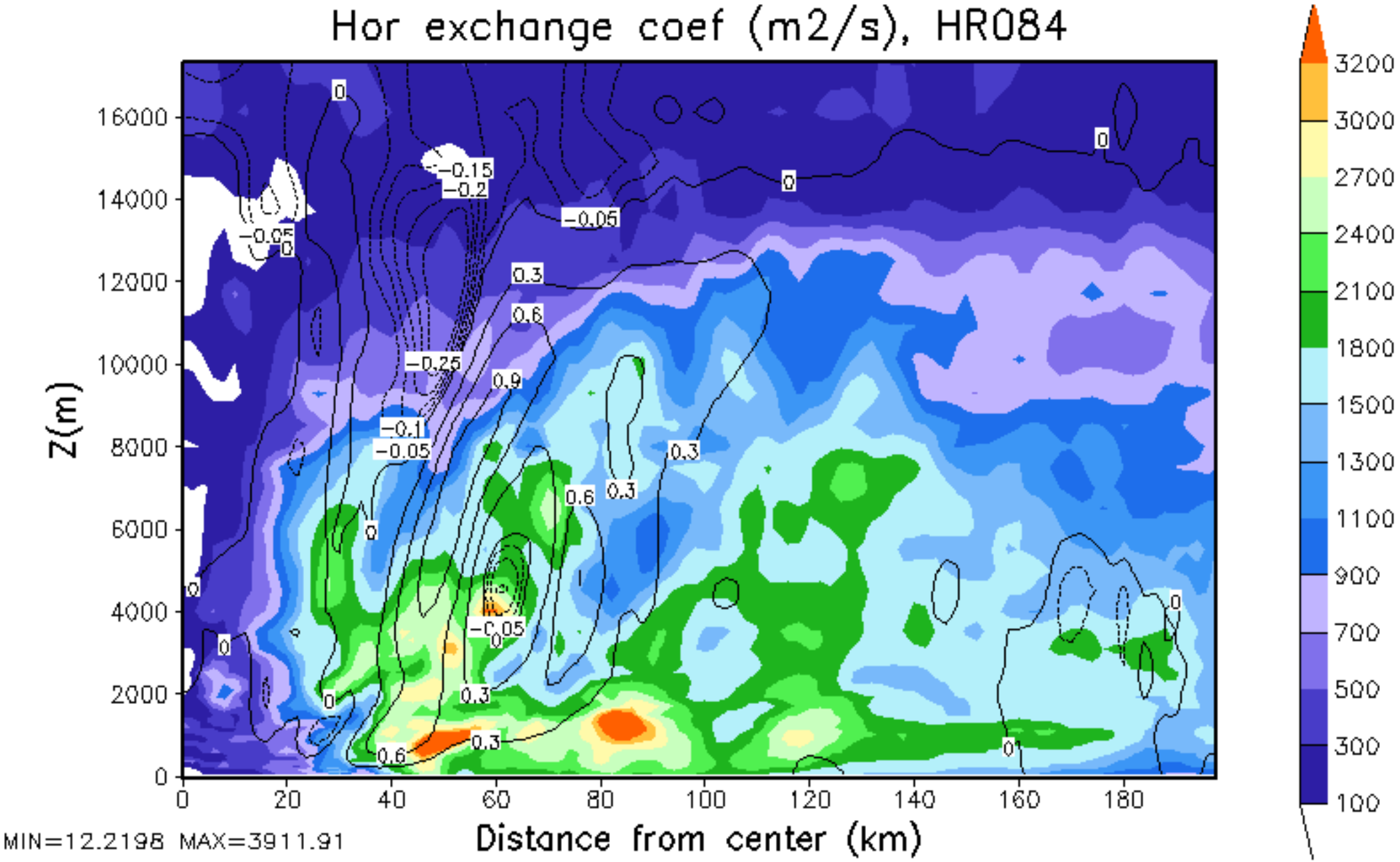
Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=12.2198 MAX=3911.91
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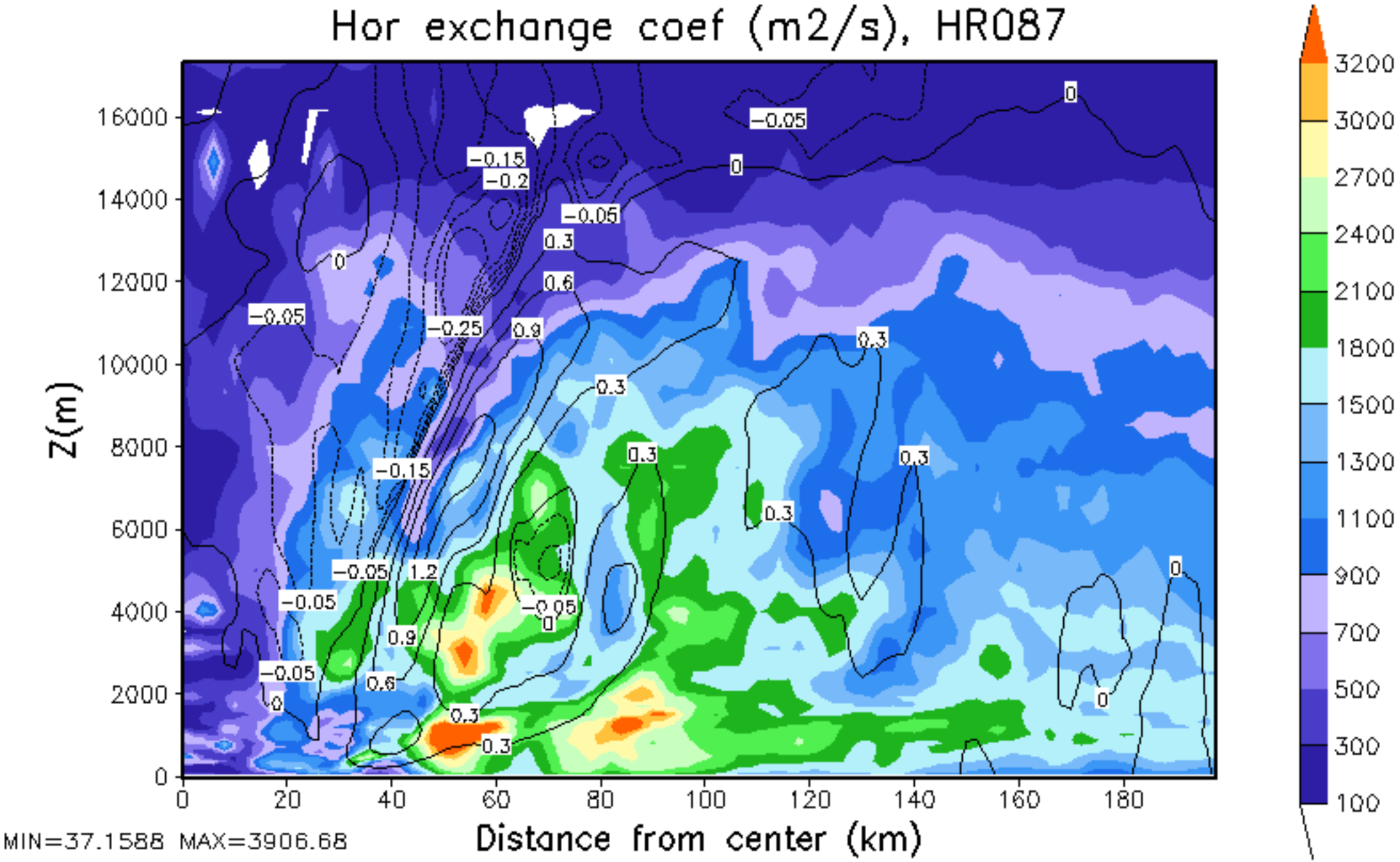
Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=37.1588 MAX=3906.68
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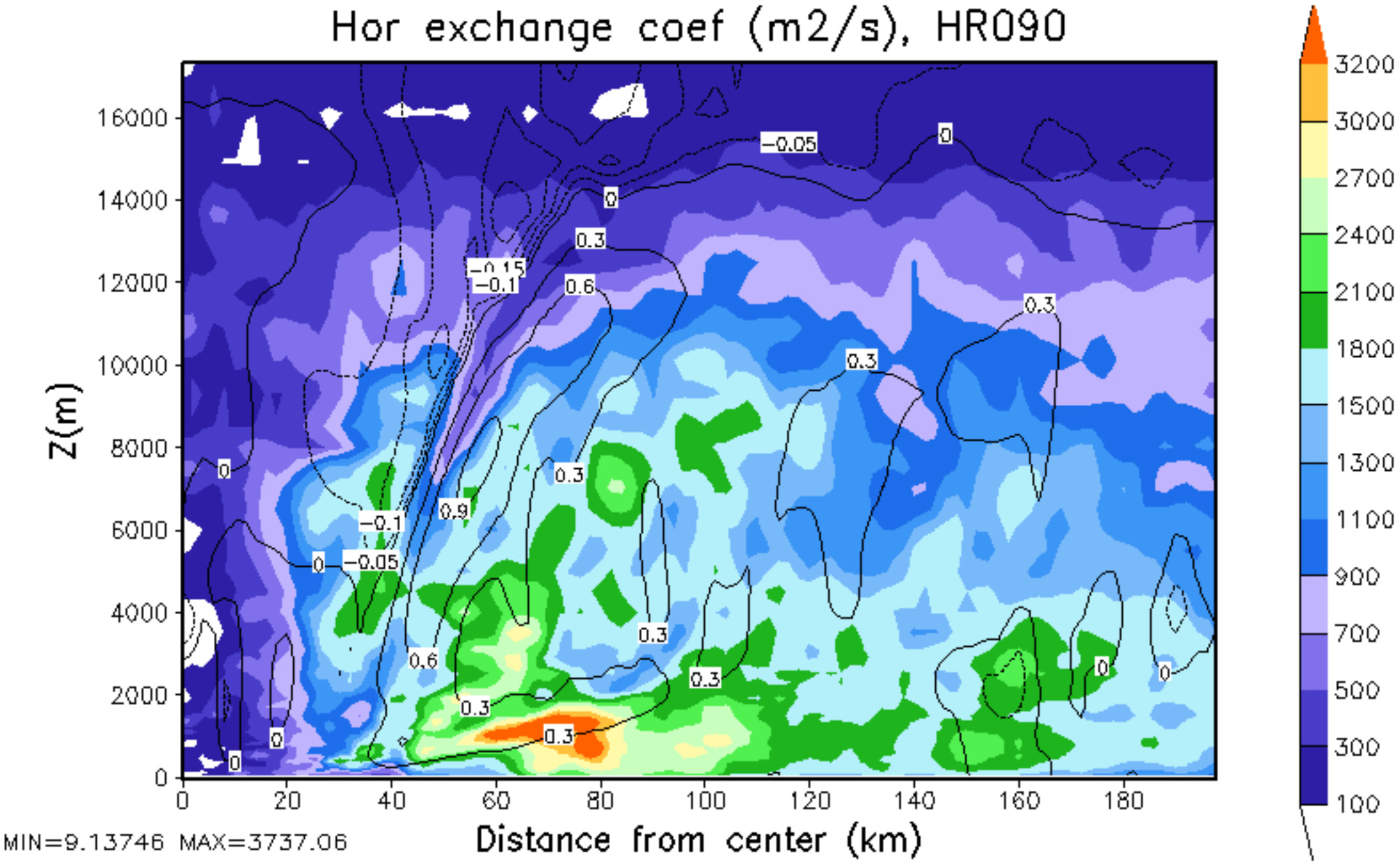
Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=9.13746 MAX=3737.06
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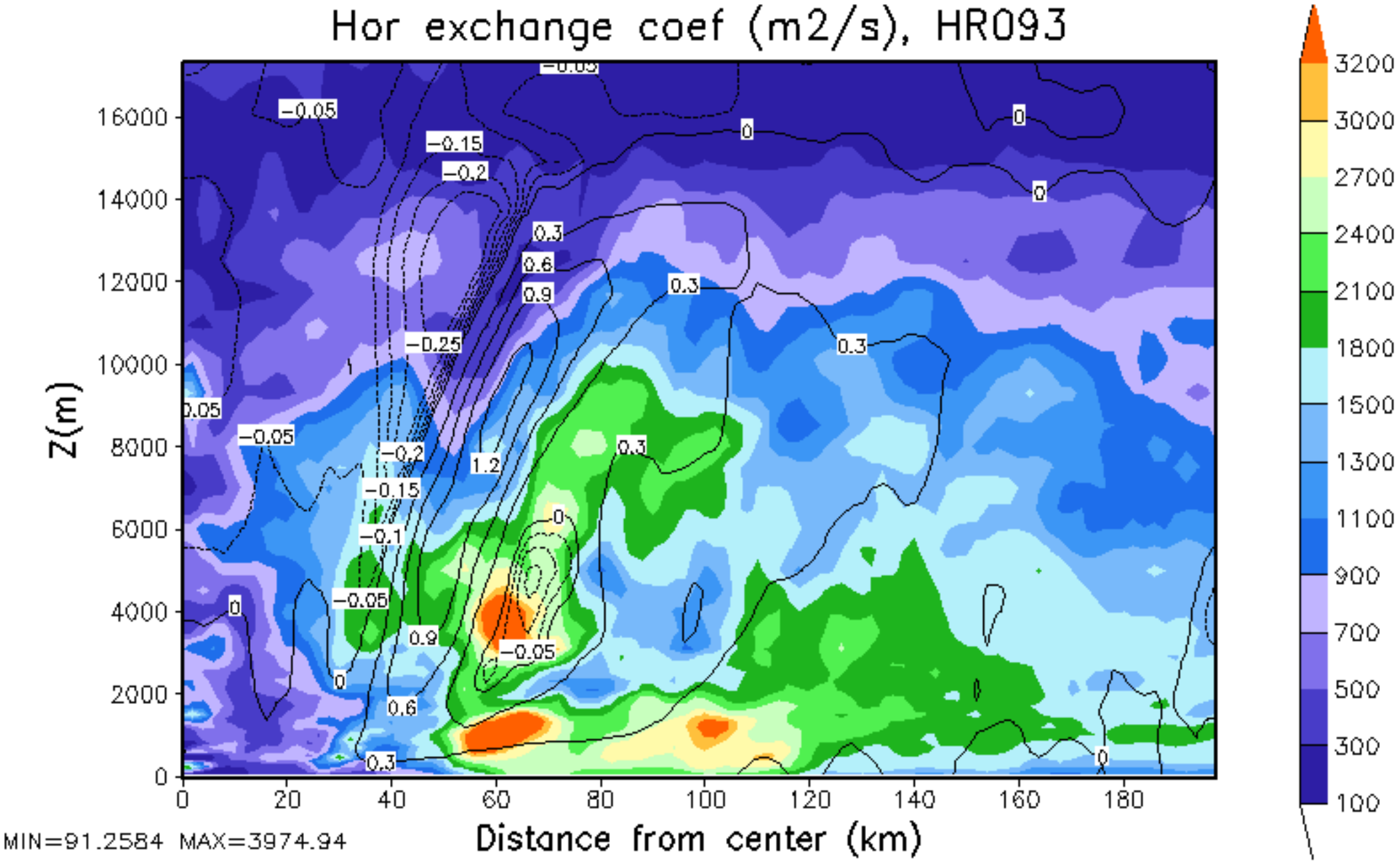
Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=91.2584 MAX=3974.94
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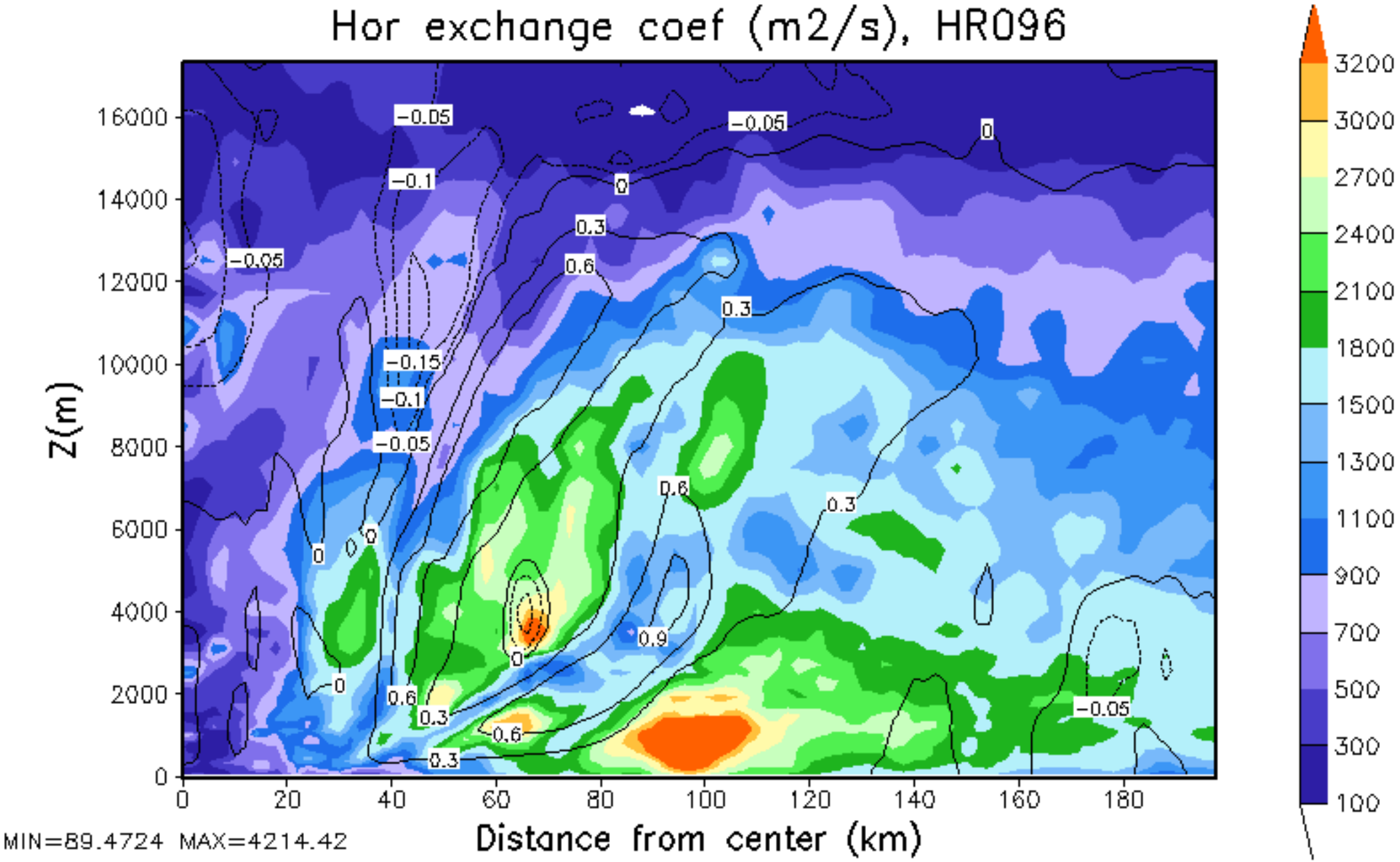
Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=89.4724 MAX=4214.42
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0.6
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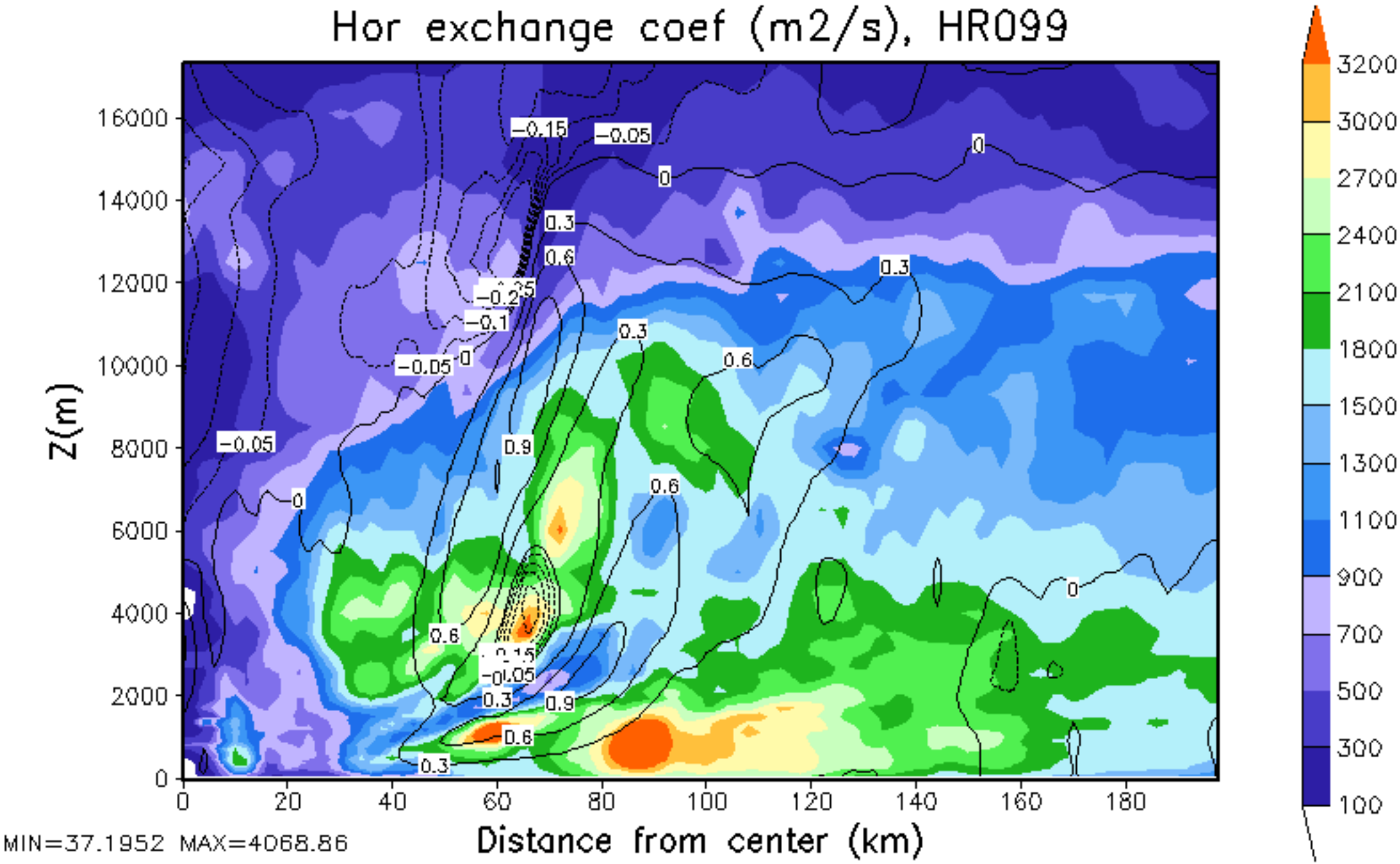
Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=37.1952 MAX=4068.86
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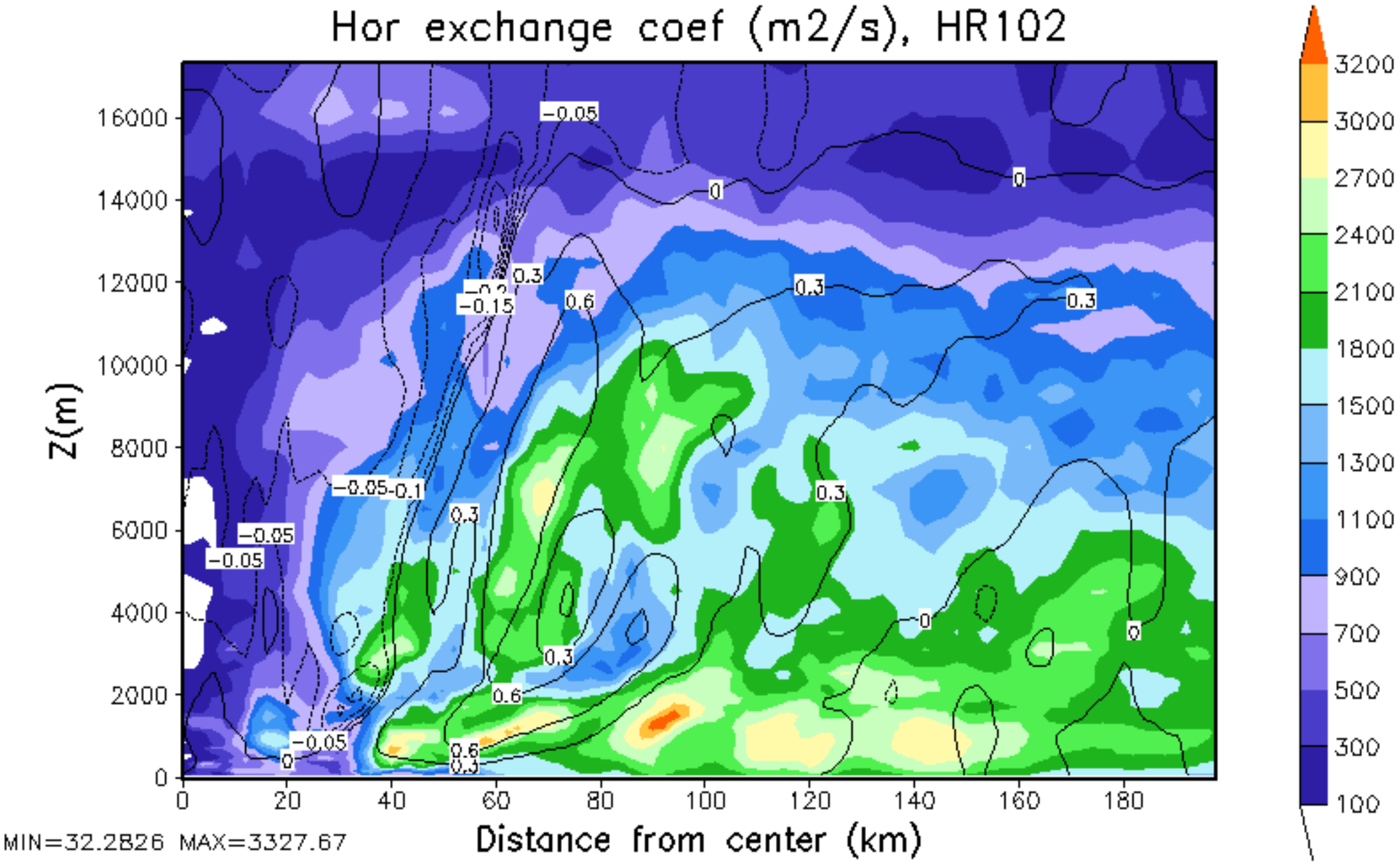
Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=32.2826 MAX=3327.67
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8000
10000
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120
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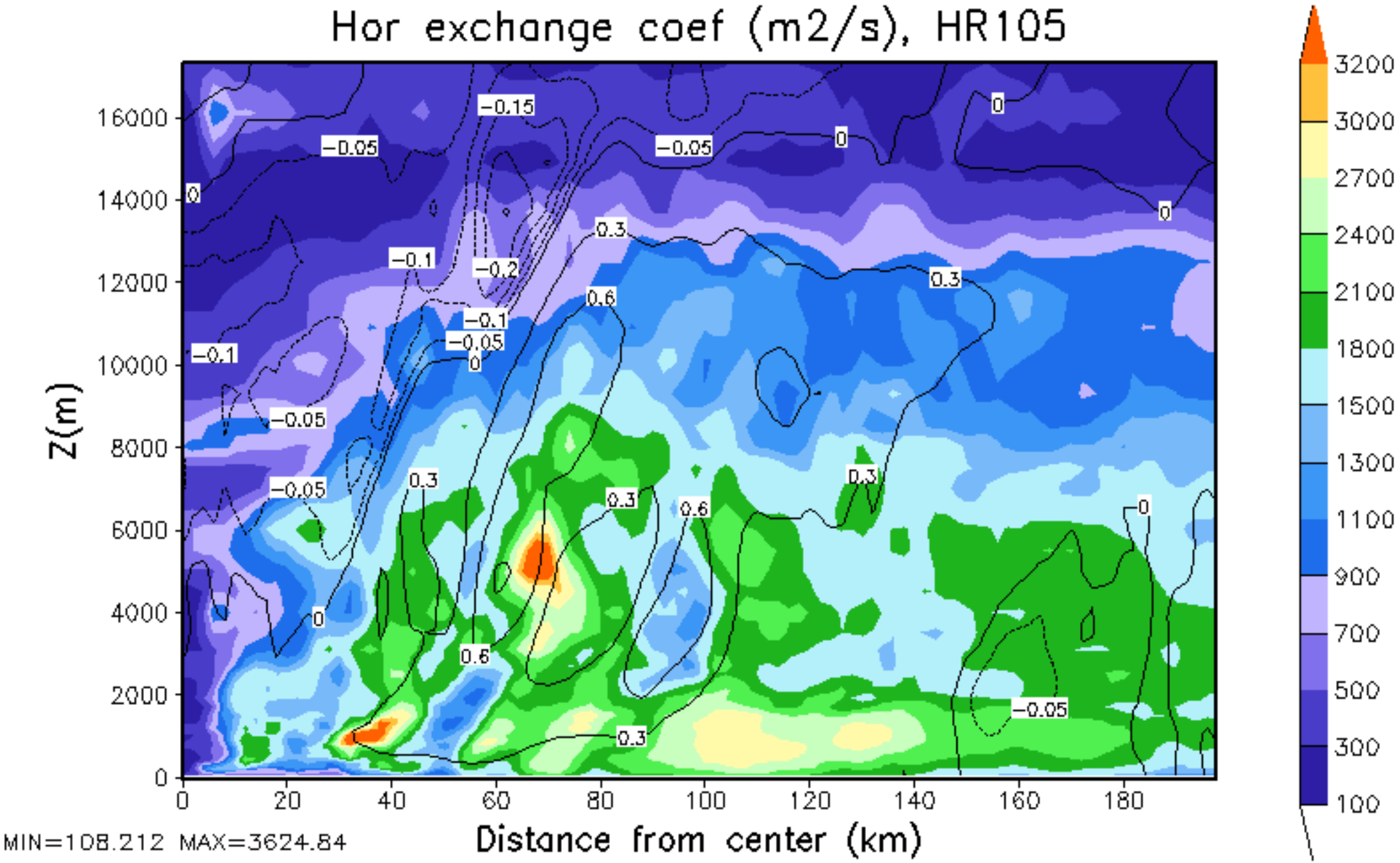
-0.1


Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=108.212 MAX=3624.84
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8000
10000
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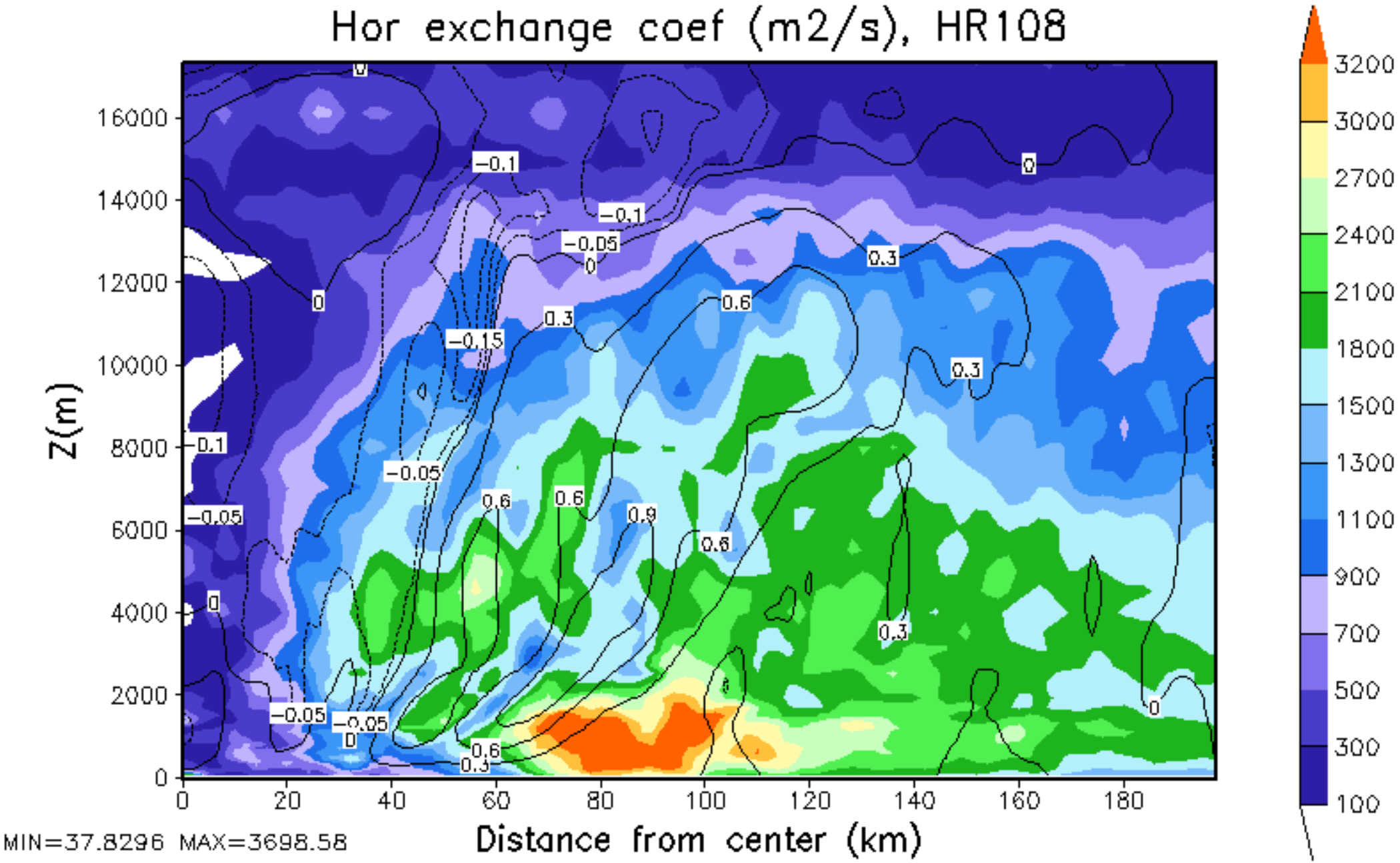
Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=37.8296 MAX=3698.58
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8000
10000
12000
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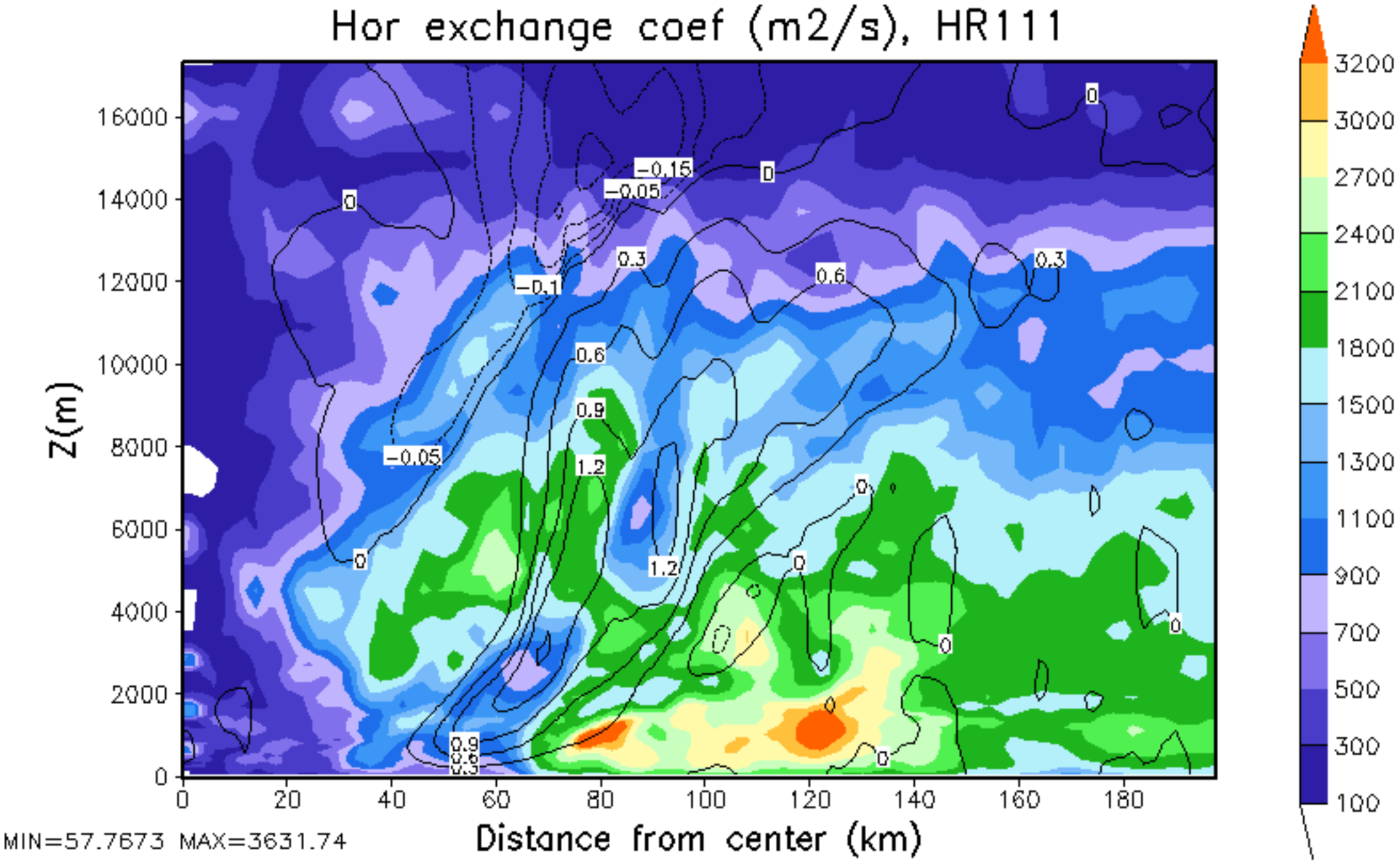
Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=57.7673 MAX=3631.74
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8000
10000
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14000
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0
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120
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3200
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300
100
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-0.15
-0.05
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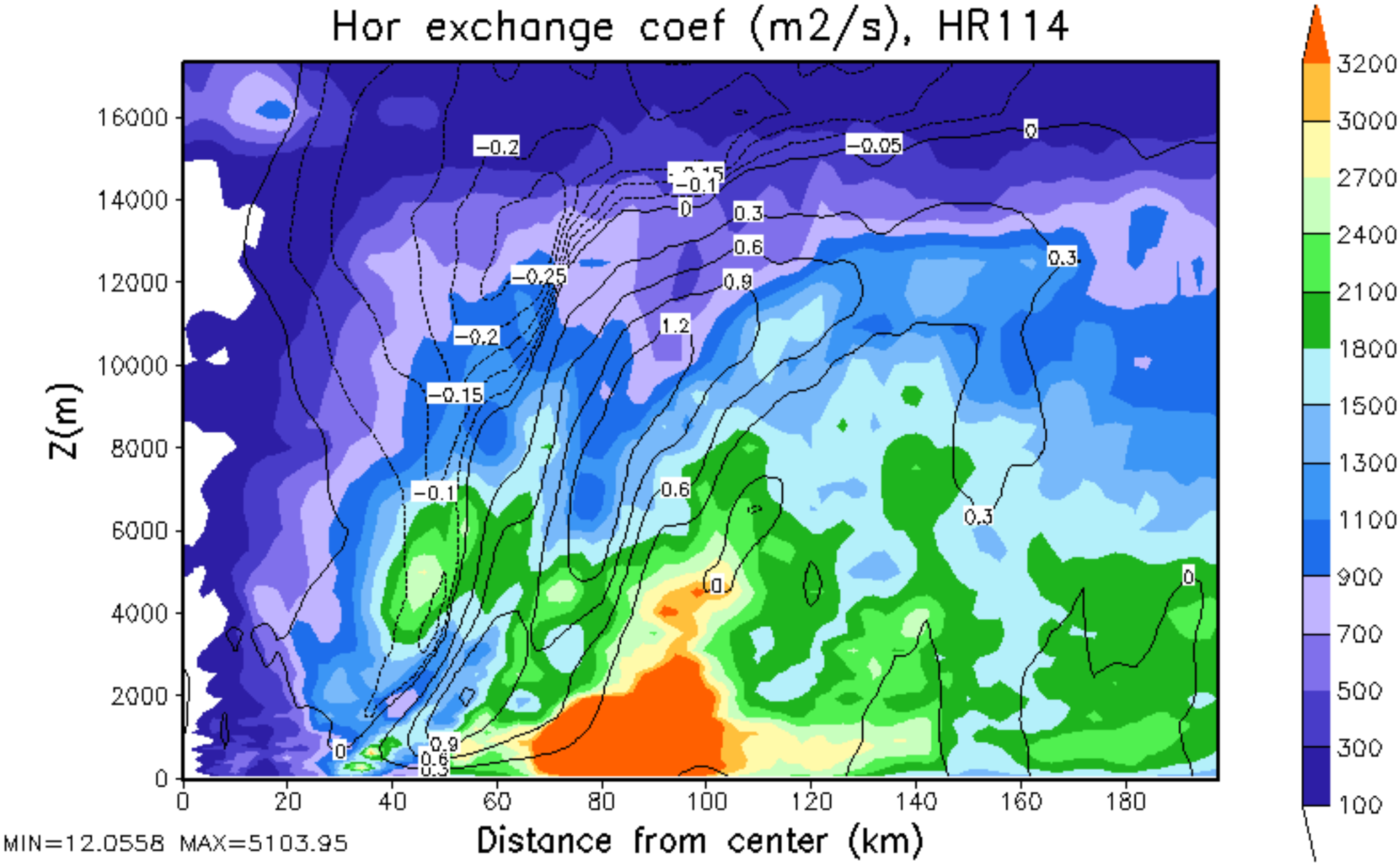
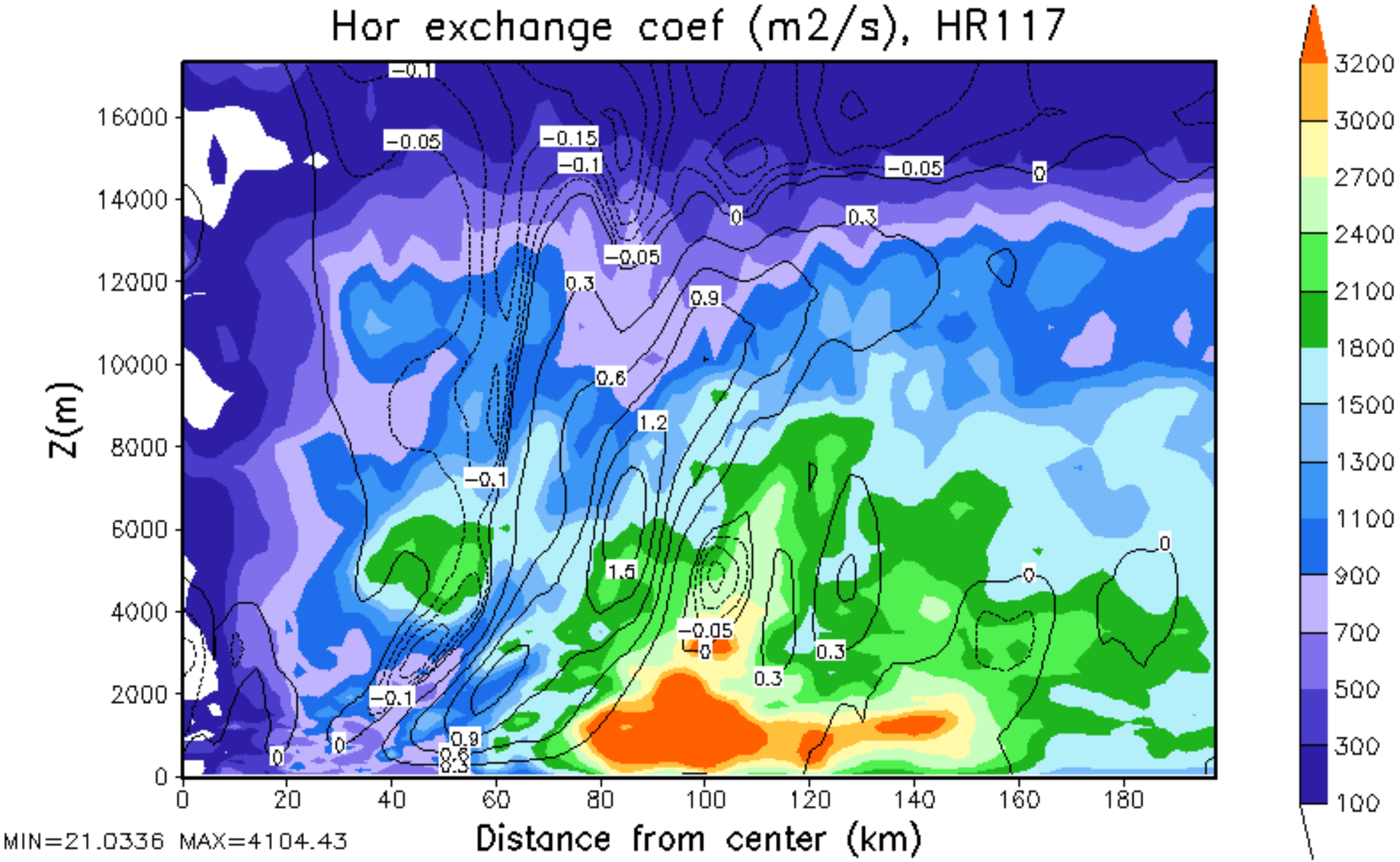
0.6
0.9
1.2
-0.05
1.2
0.9
0.6
0.3


Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=12.0558 MAX=5103.95
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.2
−0.05
0
−0.15
−0.1
0.3
0.6
0.9
1.2
−0.25
−0.2
−0.15
−0.1
0.6
0.3
0
0.9
0.6
0.3


Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=21.0336 MAX=4104.43
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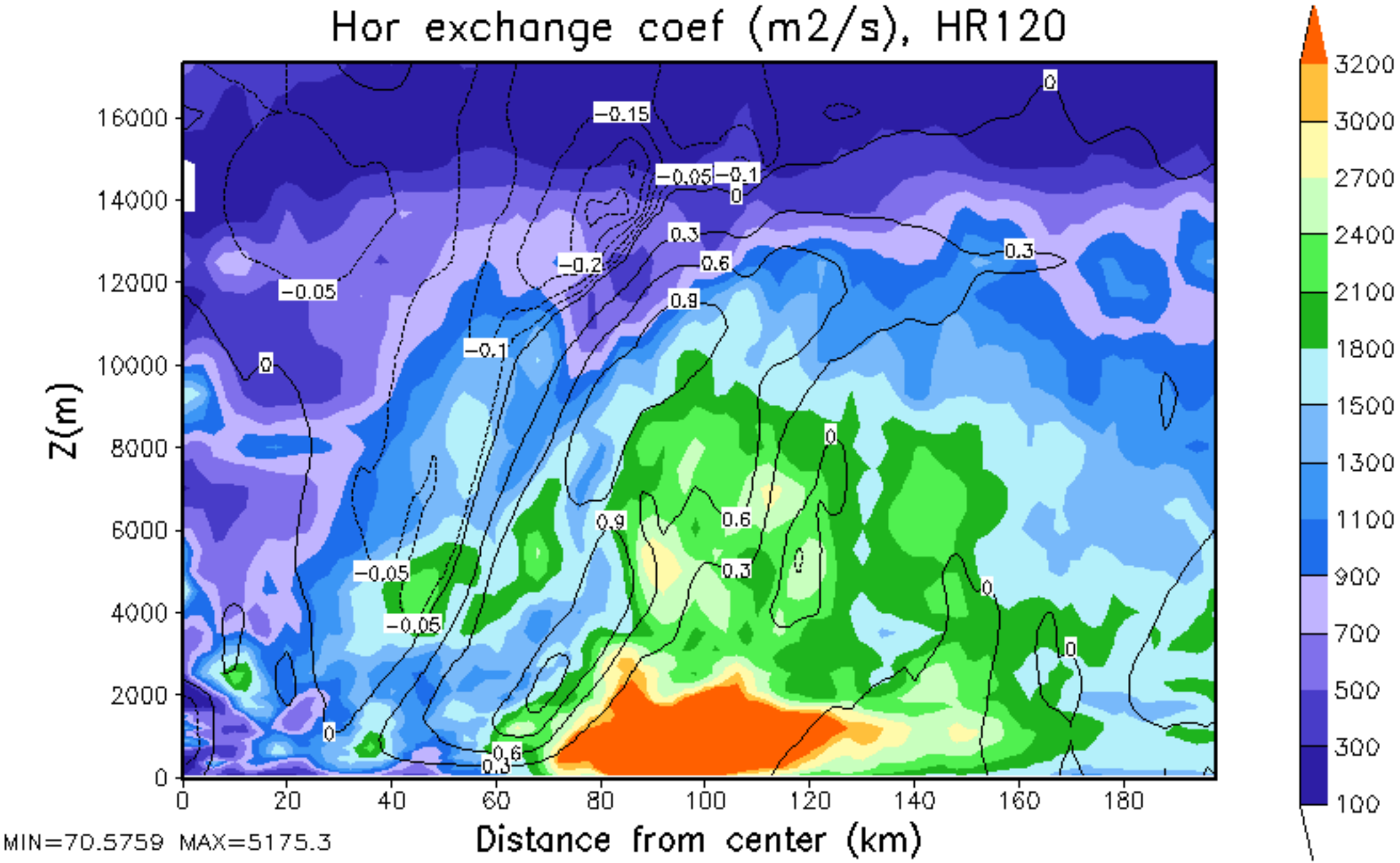
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100



Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=70.5759 MAX=5175.3
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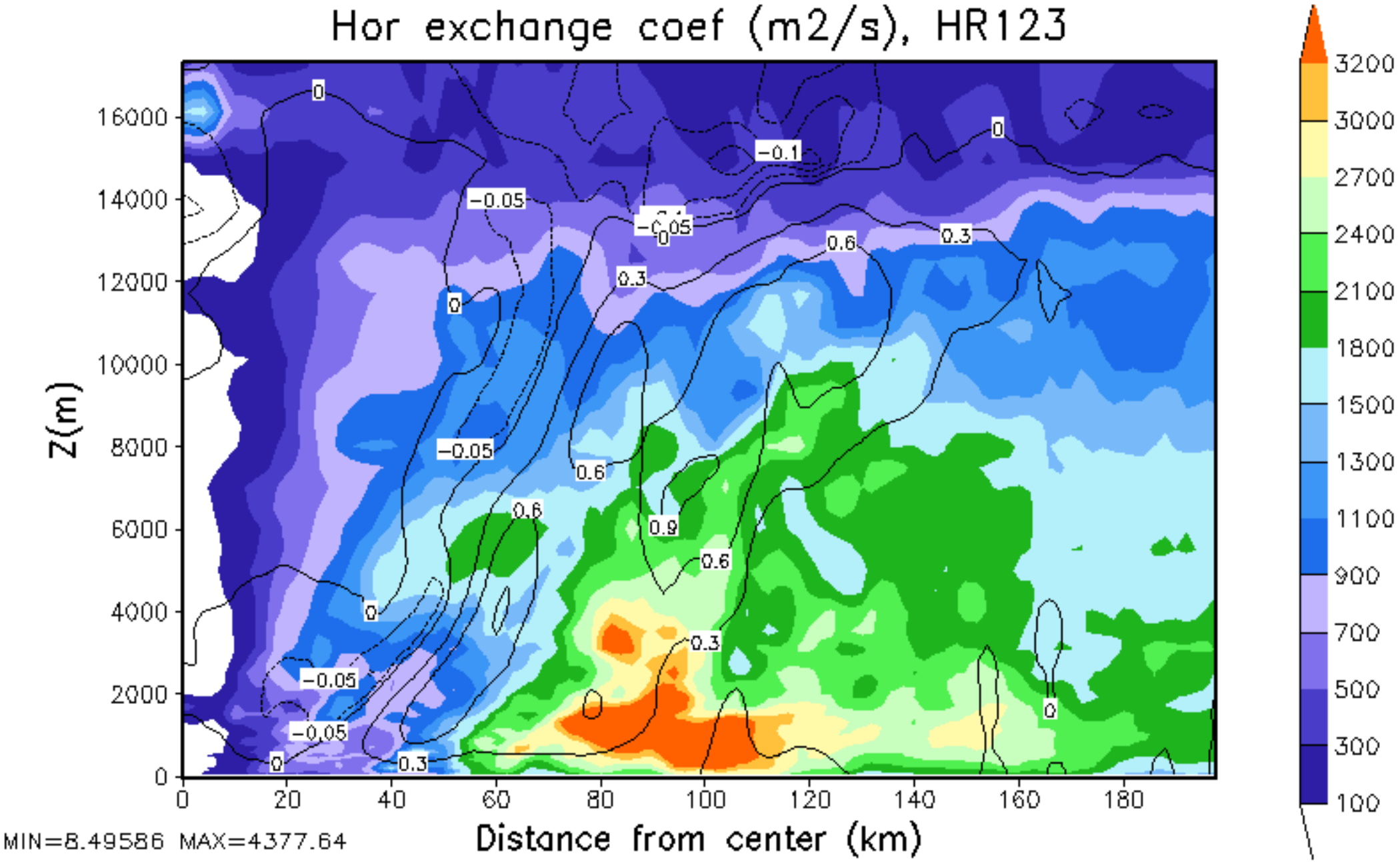
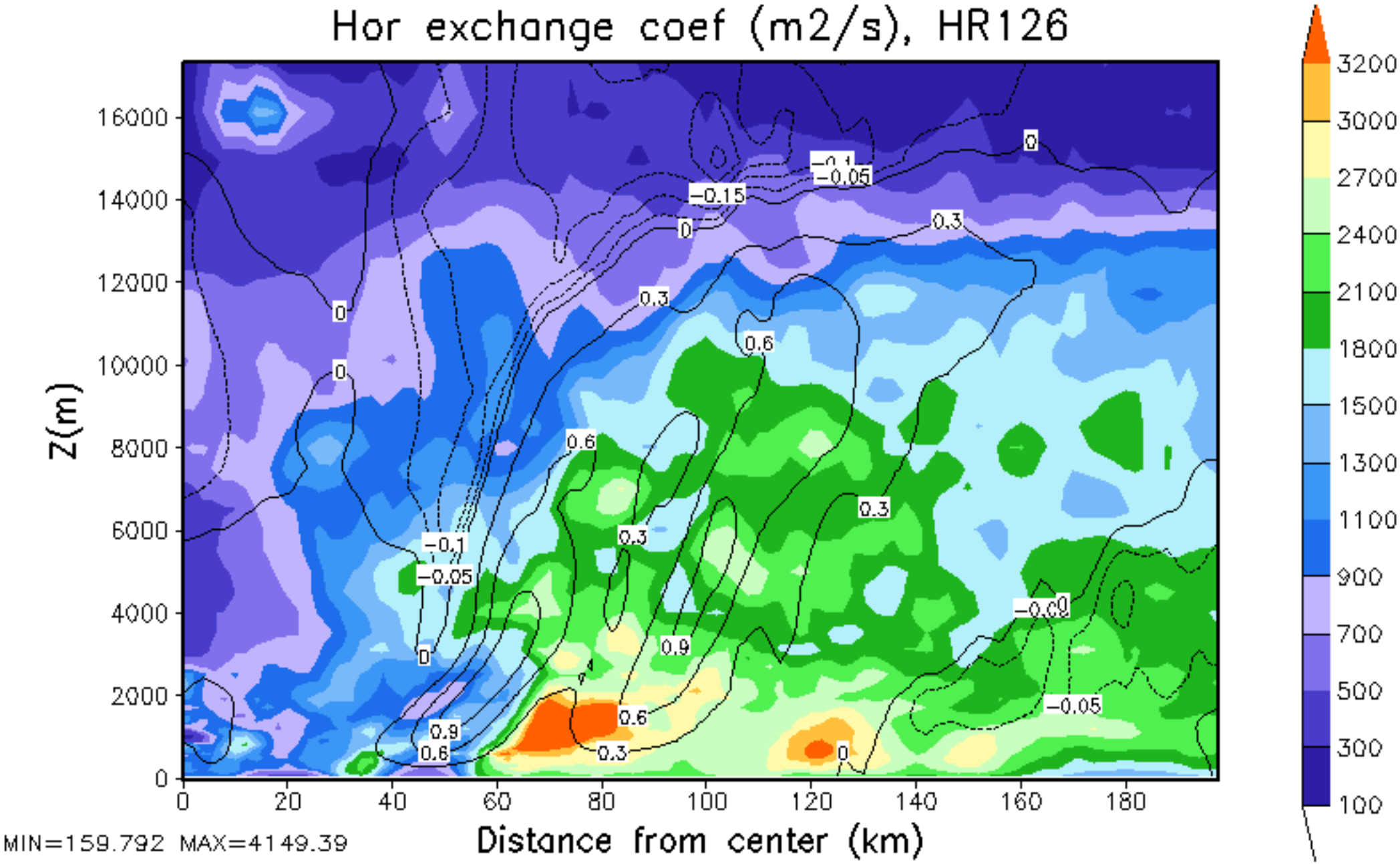
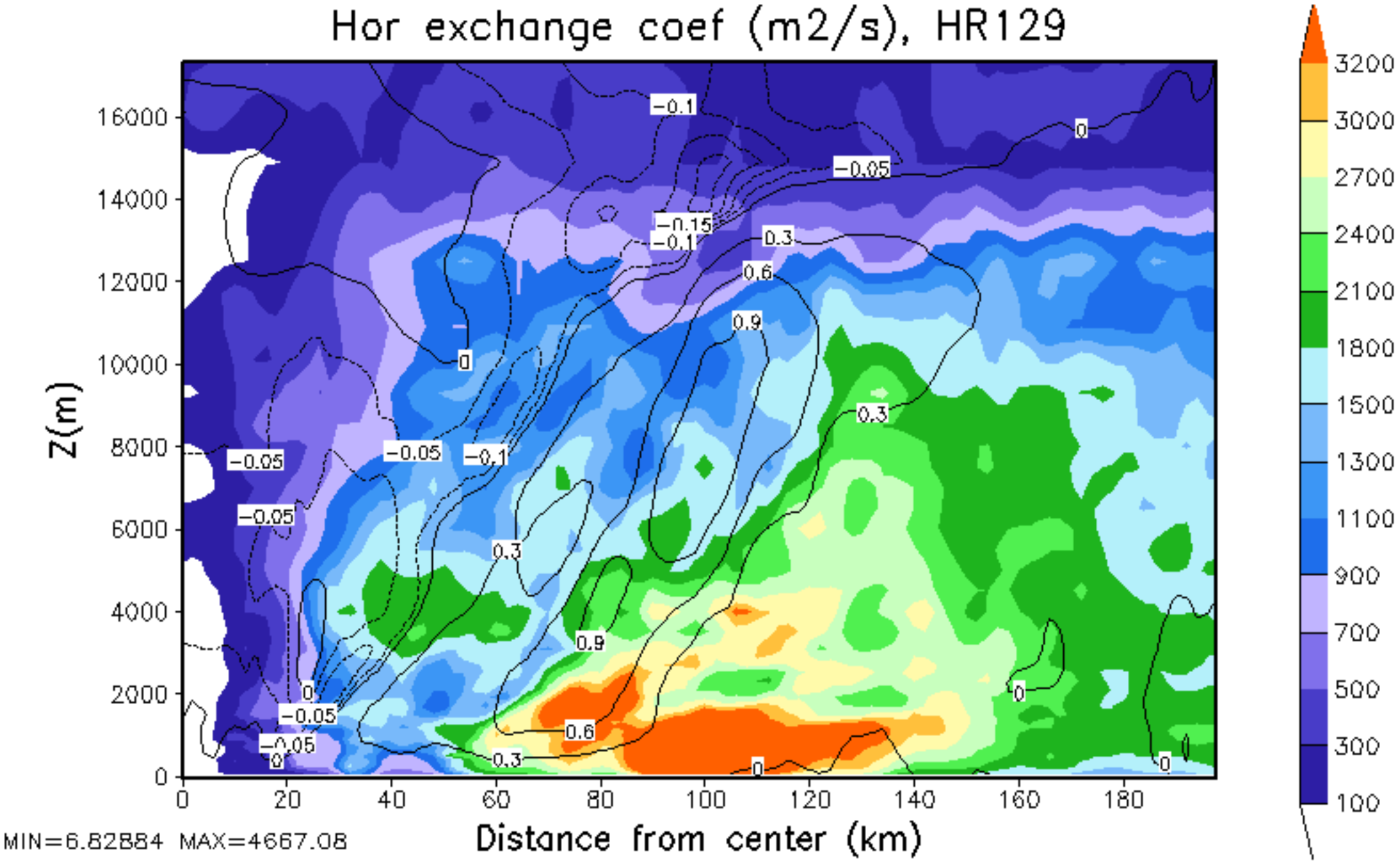
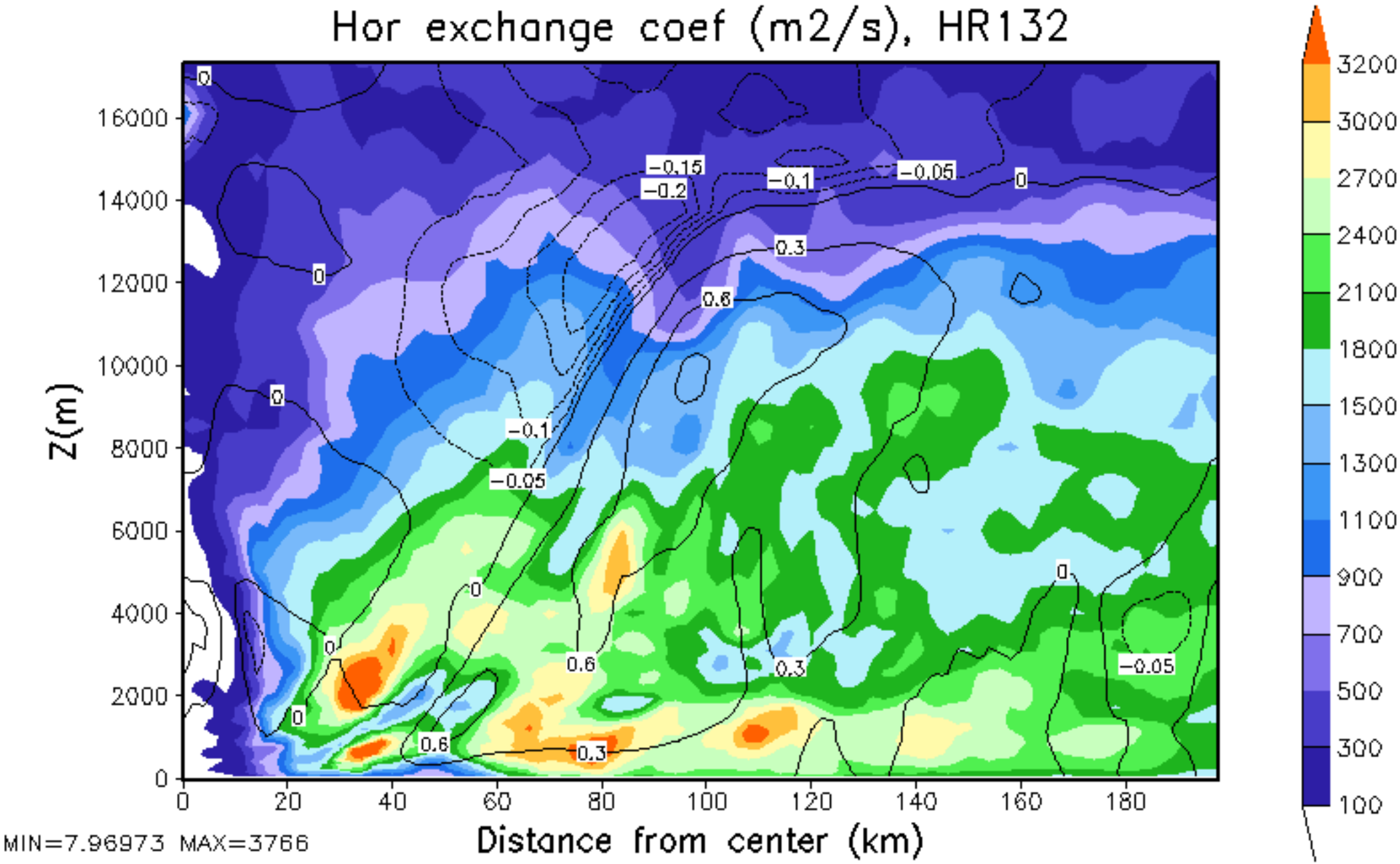
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.15
-0.05
-0.1
0
0.3
0.6
0.9
-0.2
-0.05
-0.1
0
0.3
0
0.9
0.6
0.3
-0.05
-0.05
0
0
0
0.6
0.3


Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=8.49586 MAX=4377.64
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
-0.05
-0.1
0.3
0.6
0.9


Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=159.792 MAX=4149.39
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=6.82884 MAX=4667.08
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
0
-0.05
-0.15
-0.1
0.3
0.6
0.9
0
-0.05
-0.05
-0.1
-0.05
0.3
0.3
0.9
0
-0.05
-0.05
0
0.6
0.3
0
0
0


Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=7.96973 MAX=3766
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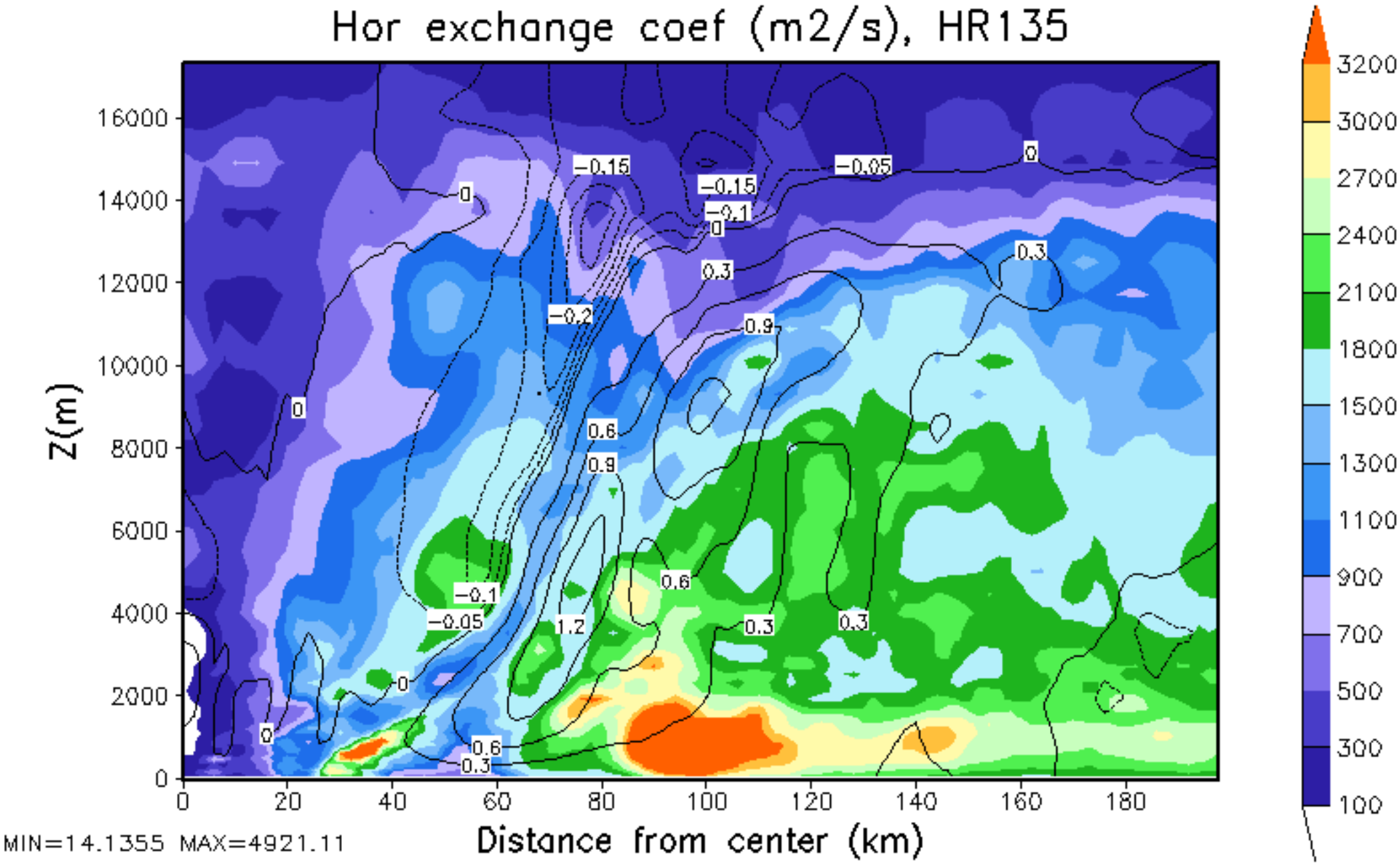
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.15
−0.2
−0.1
−0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=14.1355 MAX=4921.11
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
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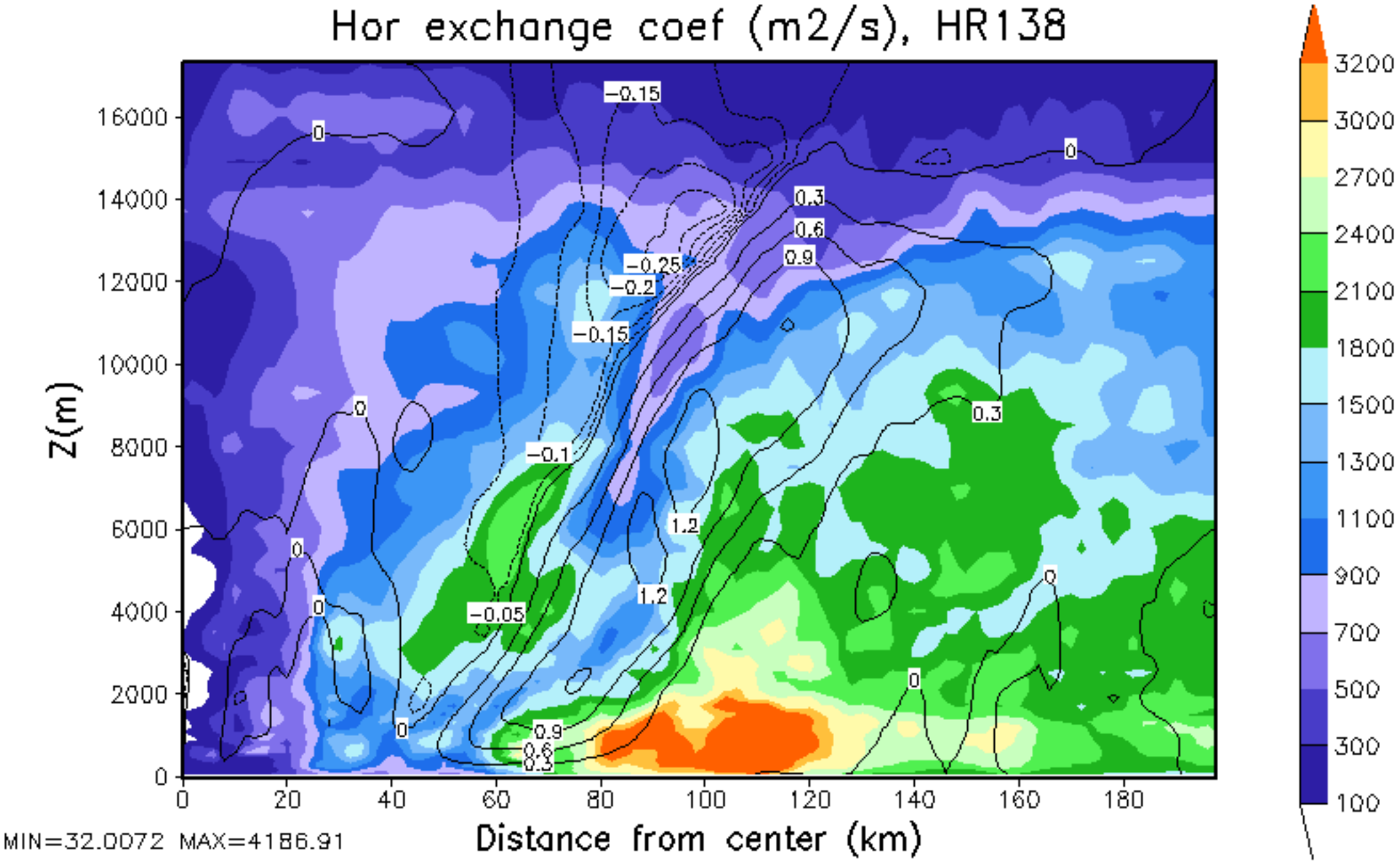
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=32.0072 MAX=4186.91
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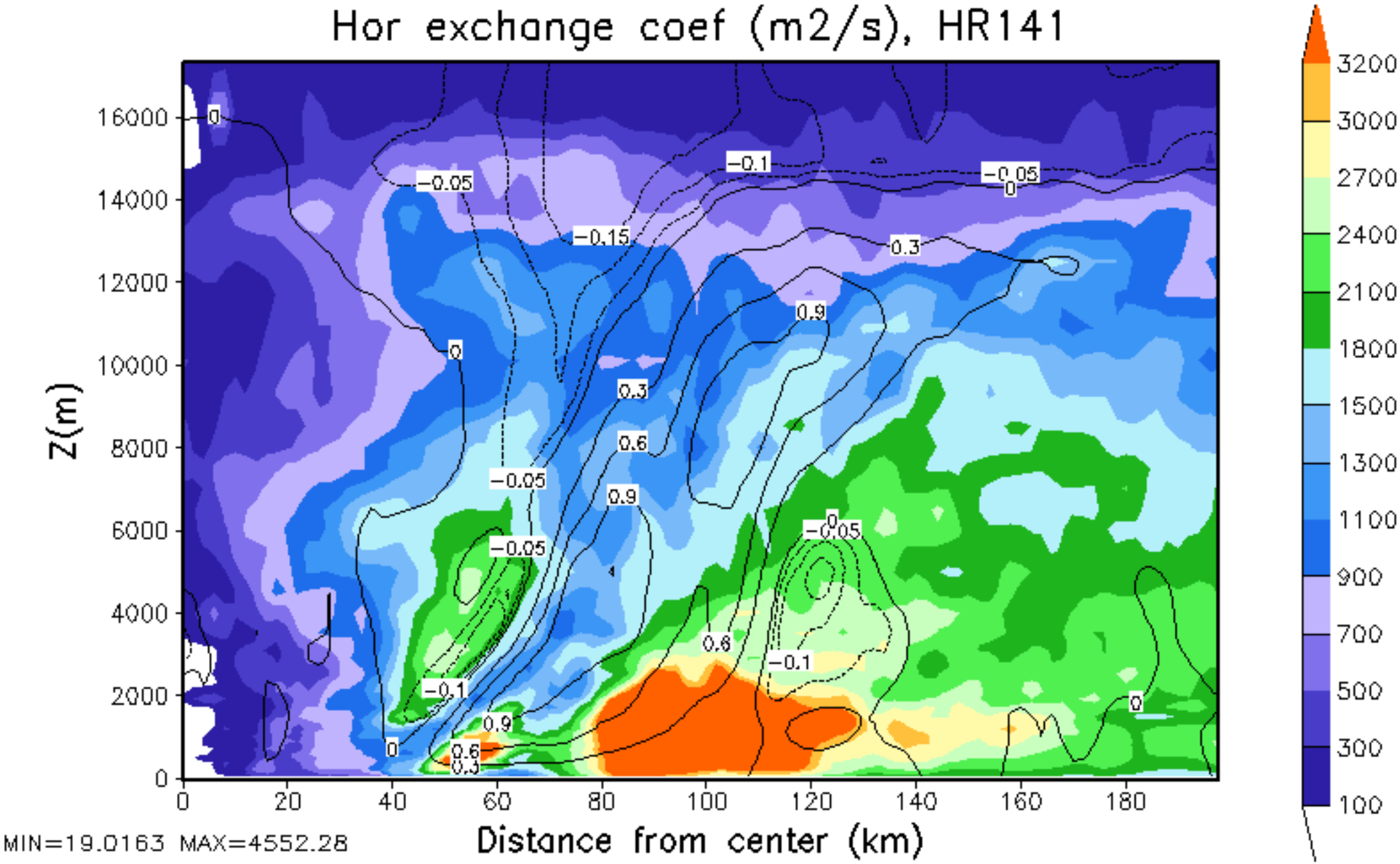
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300
1500
1800
2100
2400
2700
3000
3200
−0.15
0
0.3
0.6
0.9
−0.25
−0.2
−0.15
−0.1
1.2
−0.05


Hor exchange coef (m2/s), HR141
Z(m)
Distance from center (km)
MIN=19.0163 MAX=4552.28
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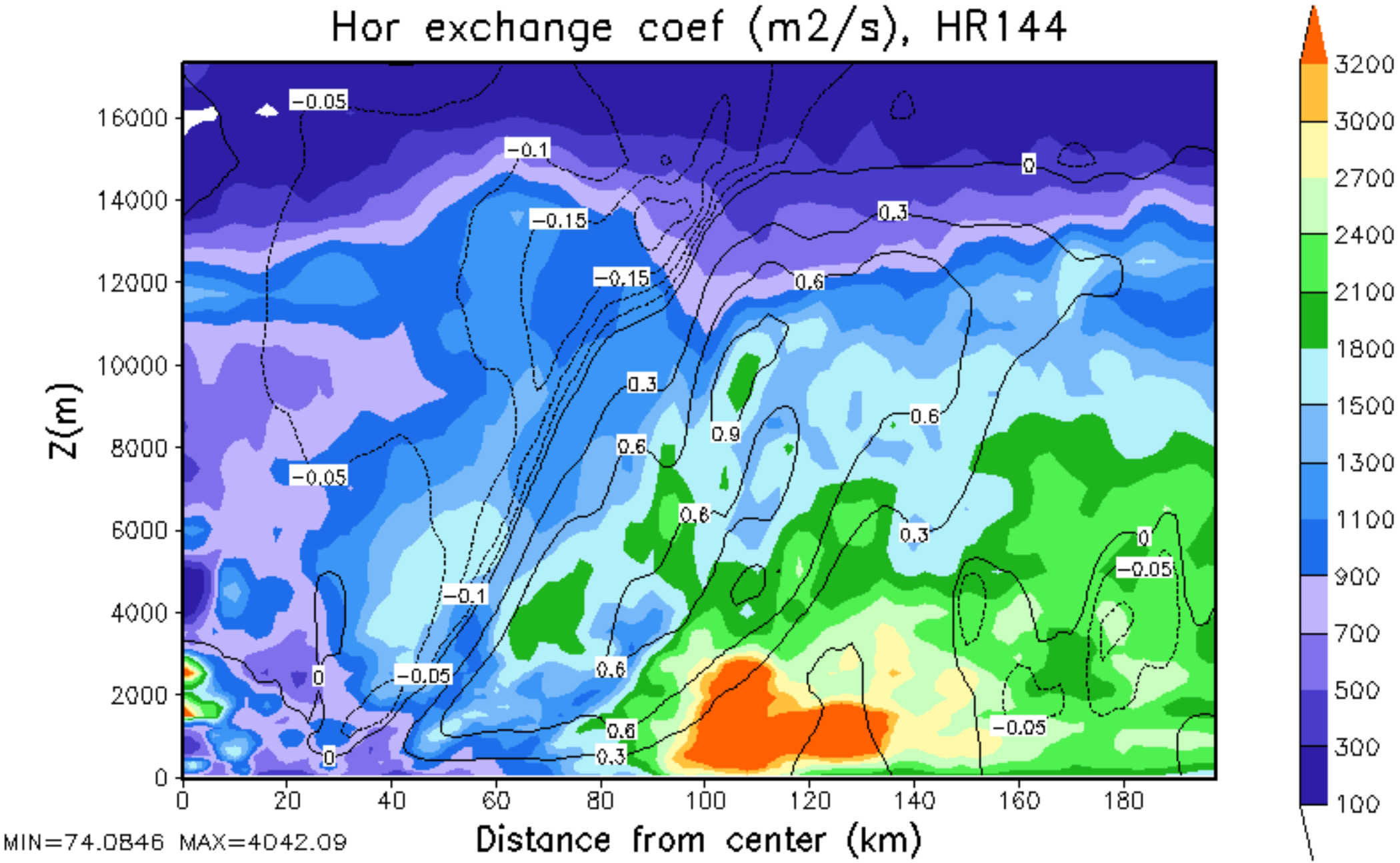
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=74.0846 MAX=4042.09
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300
1500
1800
2100
2400
2700
3000
3200
-0.05
-0.1
-0.15
0
0.3
0.6
0.9