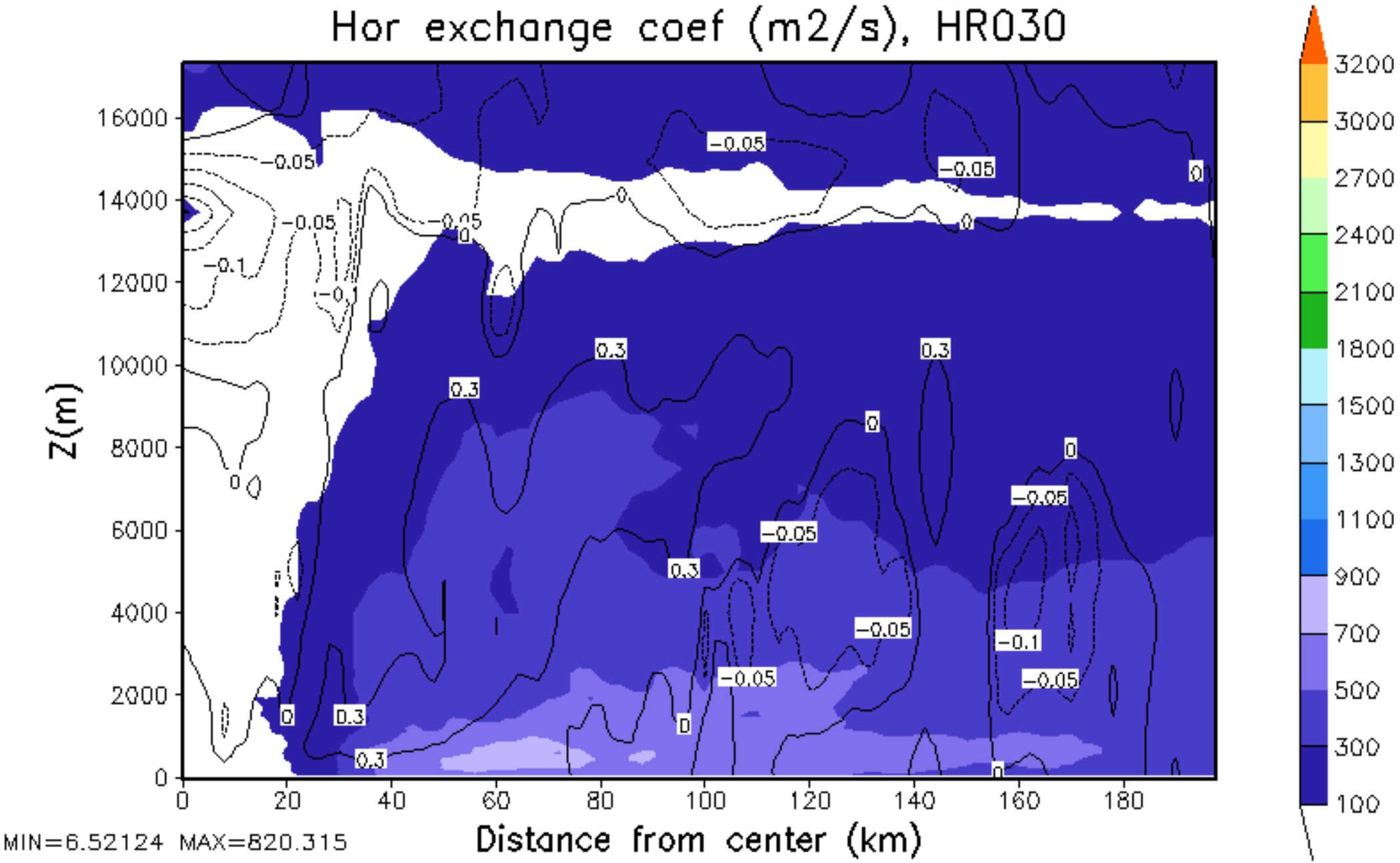
Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=6.52124 MAX=820.315
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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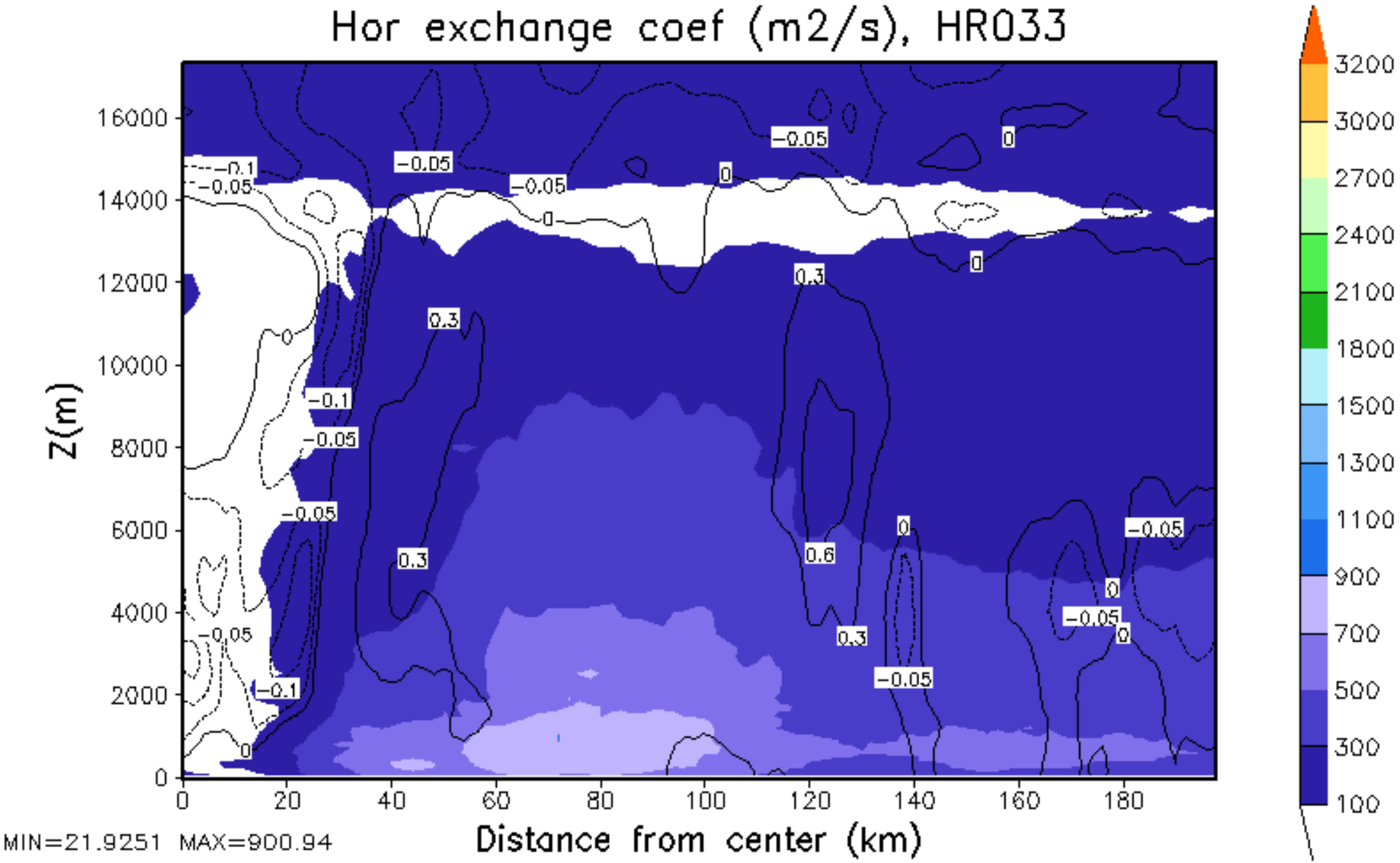
Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=21.9251 MAX=900.94
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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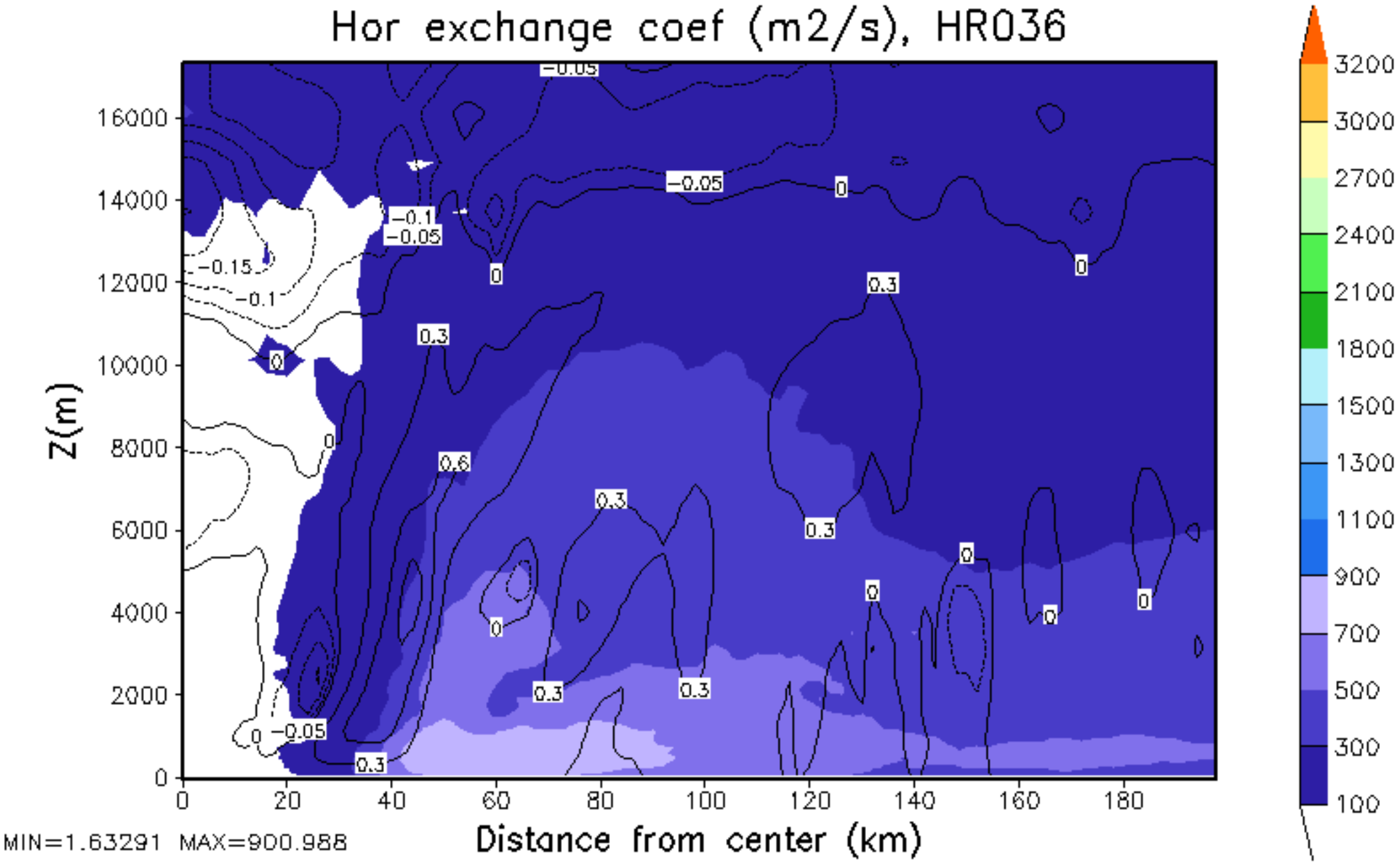
Hor exchange coef (m2/s), HR036
Z(m)
Distance from center (km)
MIN=1.63291 MAX=900.988
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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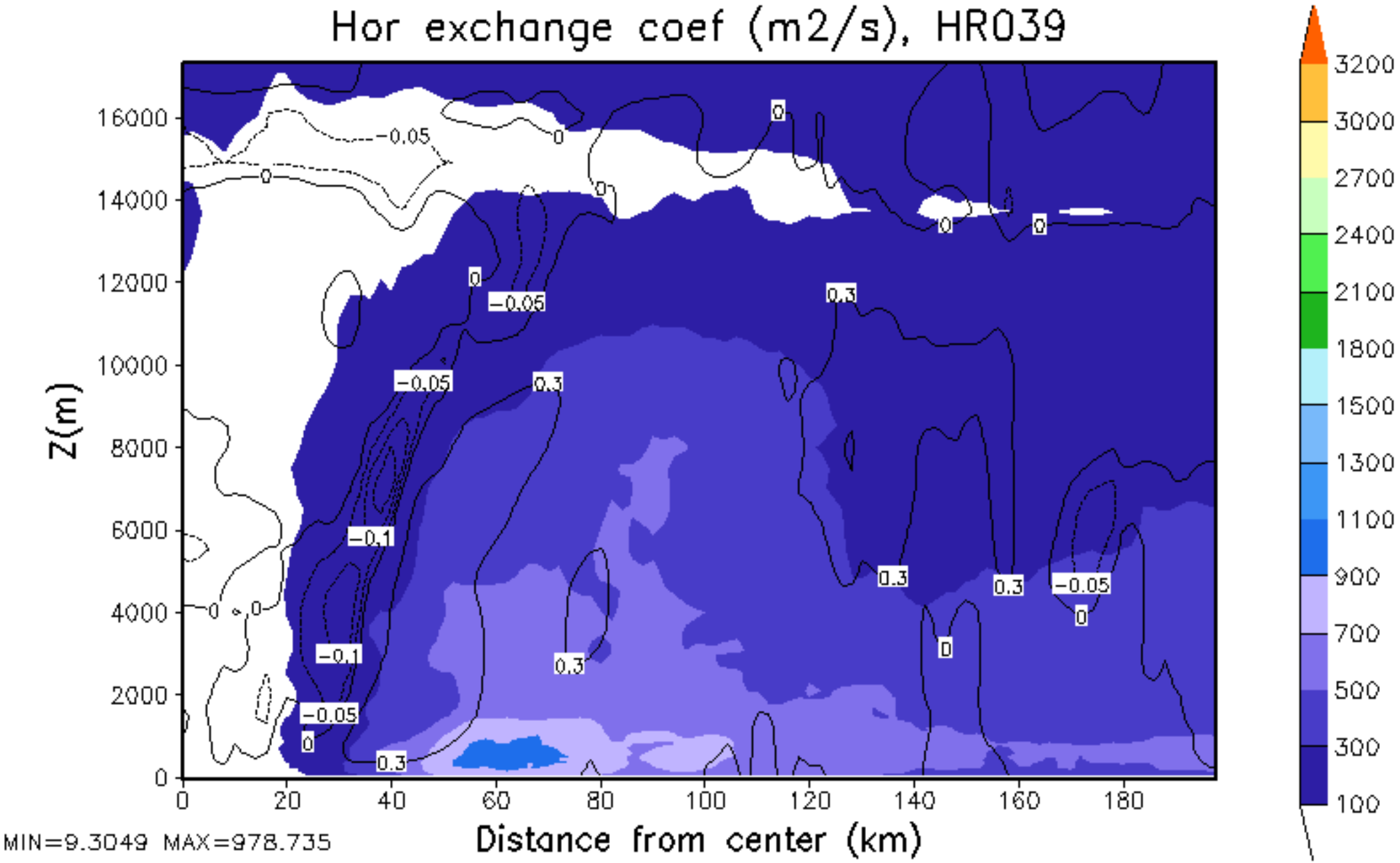
0.6


Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=9.3049 MAX=978.735
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6000
8000
10000
12000
14000
16000
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60
80
100
120
140
160
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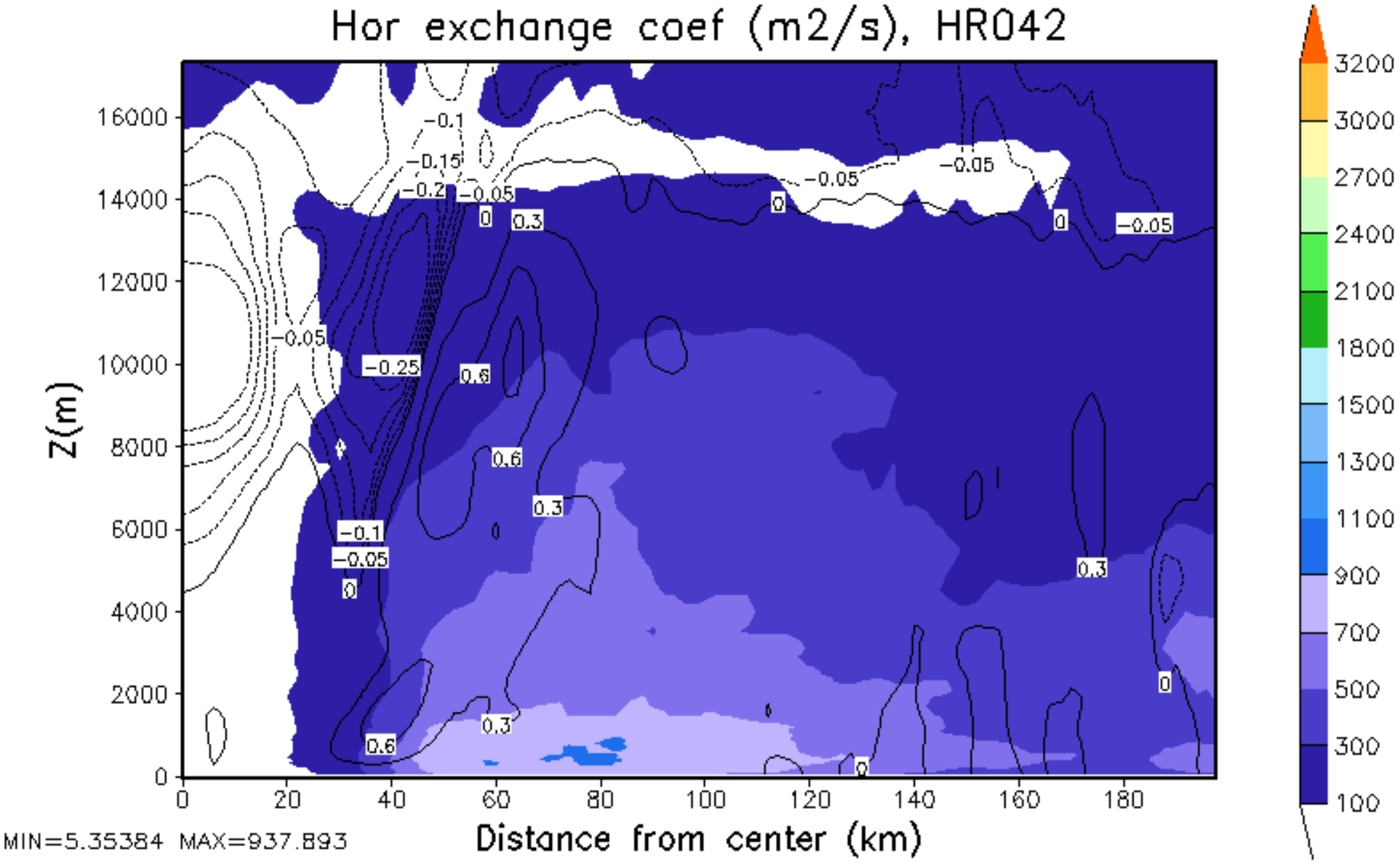
Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=5.35384 MAX=937.893
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4000
6000
8000
10000
12000
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16000
0
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40
60
80
100
120
140
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2400
2100
1800
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1300
1100
900
700
500
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100
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-0.2
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0
0.3
-0.25
0.6
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0.3
0.6
0.3
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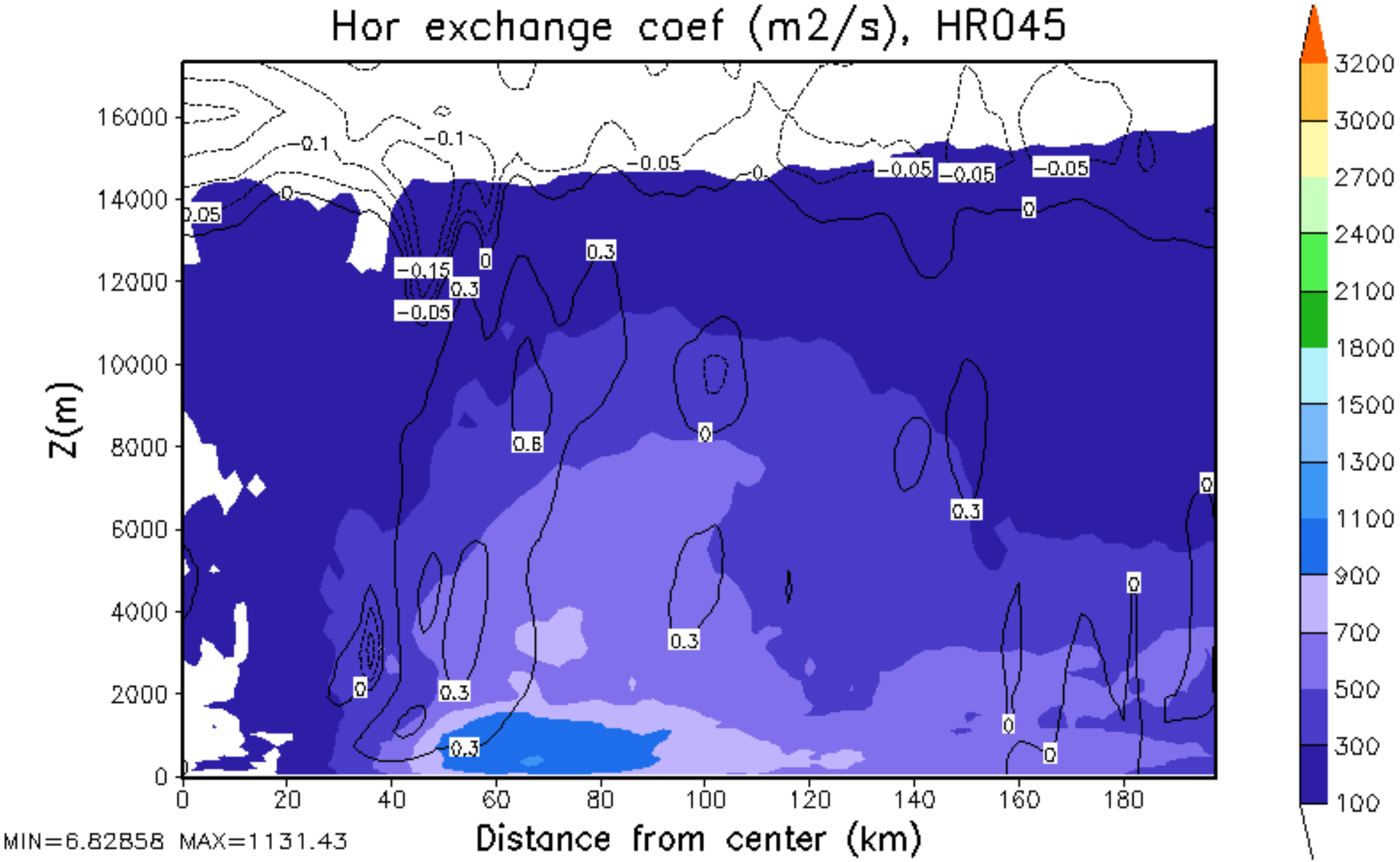
Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=6.82858 MAX=1131.43
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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180
3200
3000
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2400
2100
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1500
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700
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300
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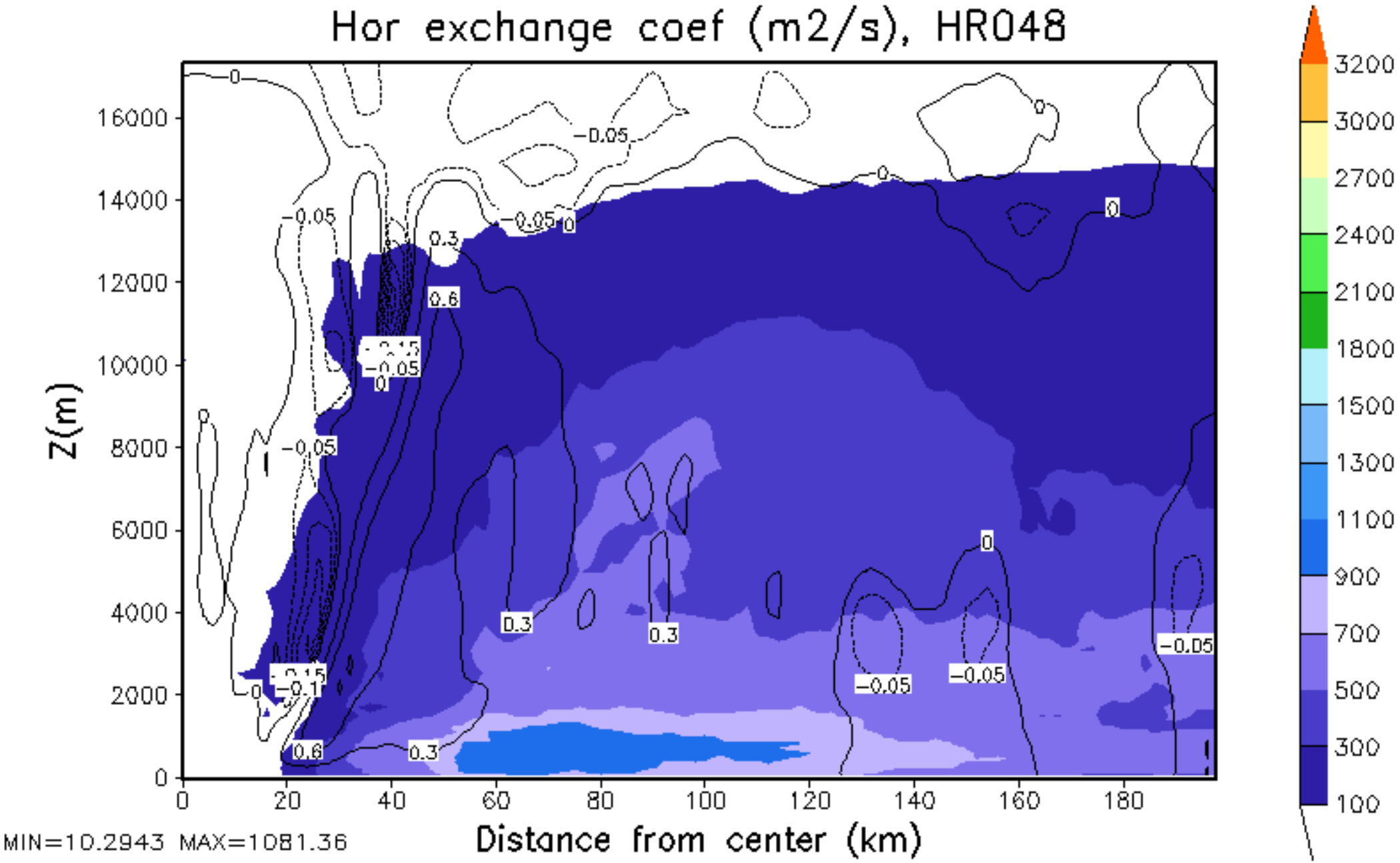
Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=10.2943 MAX=1081.36
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3000
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2400
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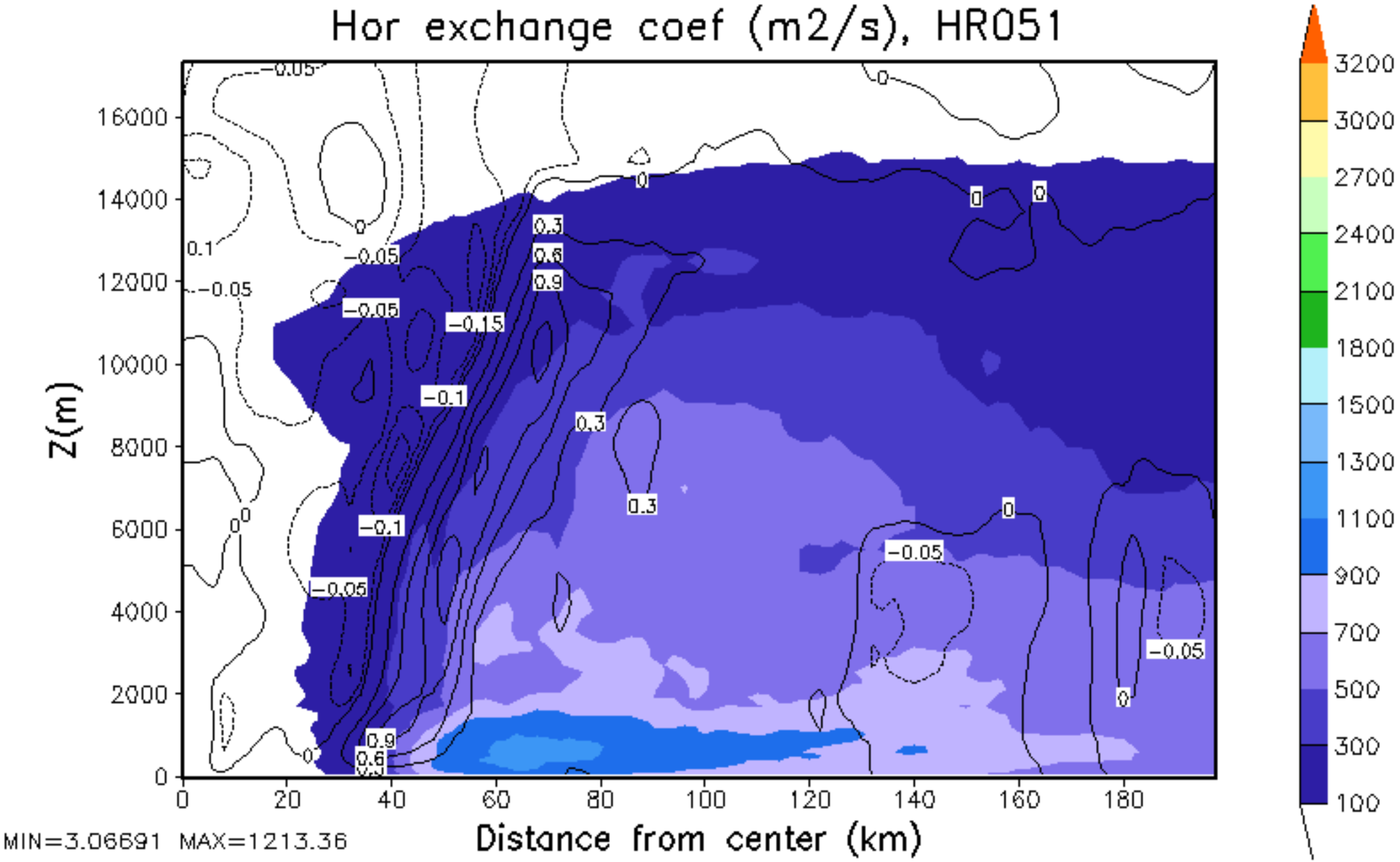
700
500
300
100


Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=3.06691 MAX=1213.36
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3200
3000
2700
2400
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1300
1100
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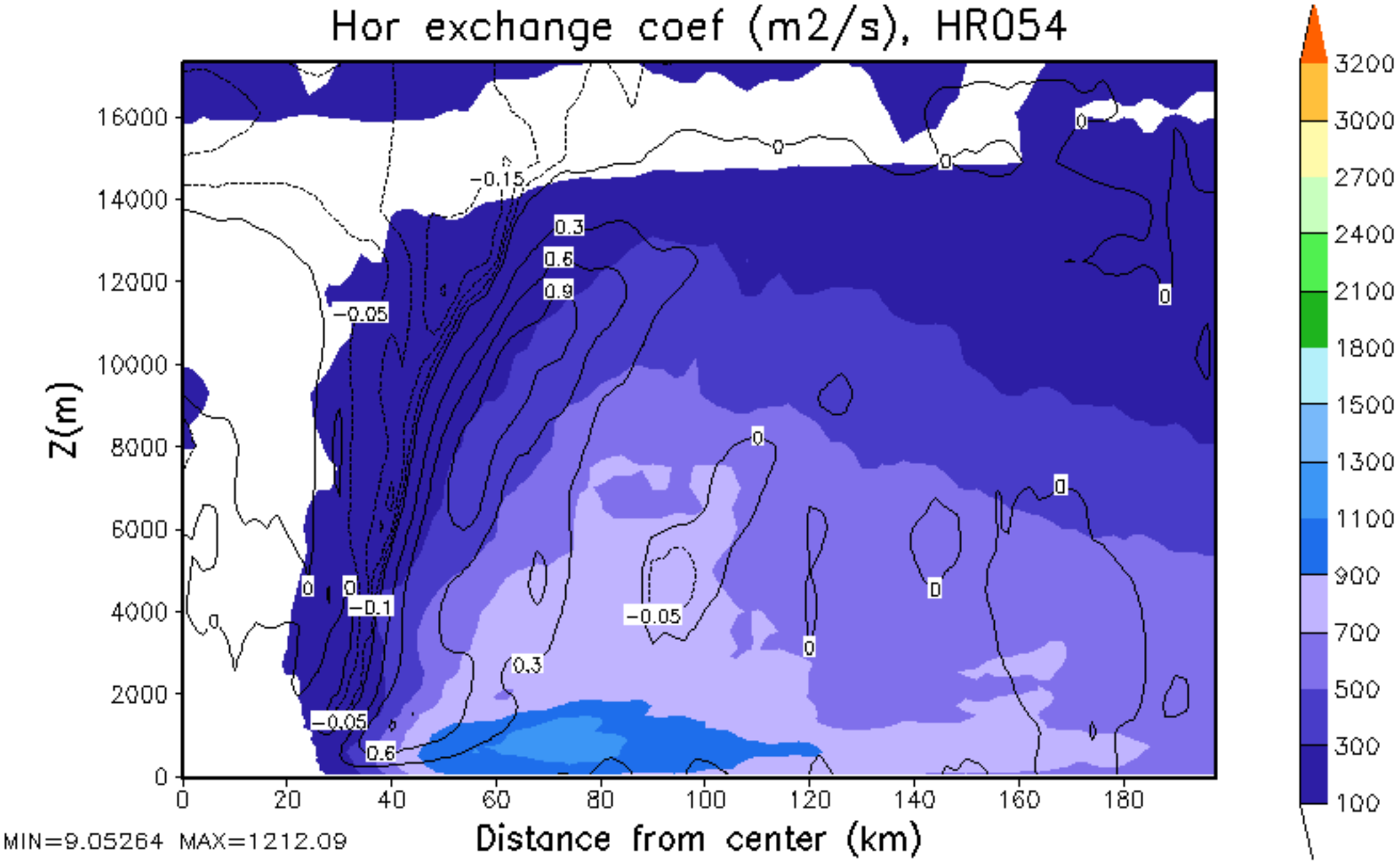
700
500
300
100


Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=9.05264 MAX=1212.09
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6000
8000
10000
12000
14000
16000
0
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40
60
80
100
120
140
160
180
3200
3000
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2400
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1300
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0.3
0.6
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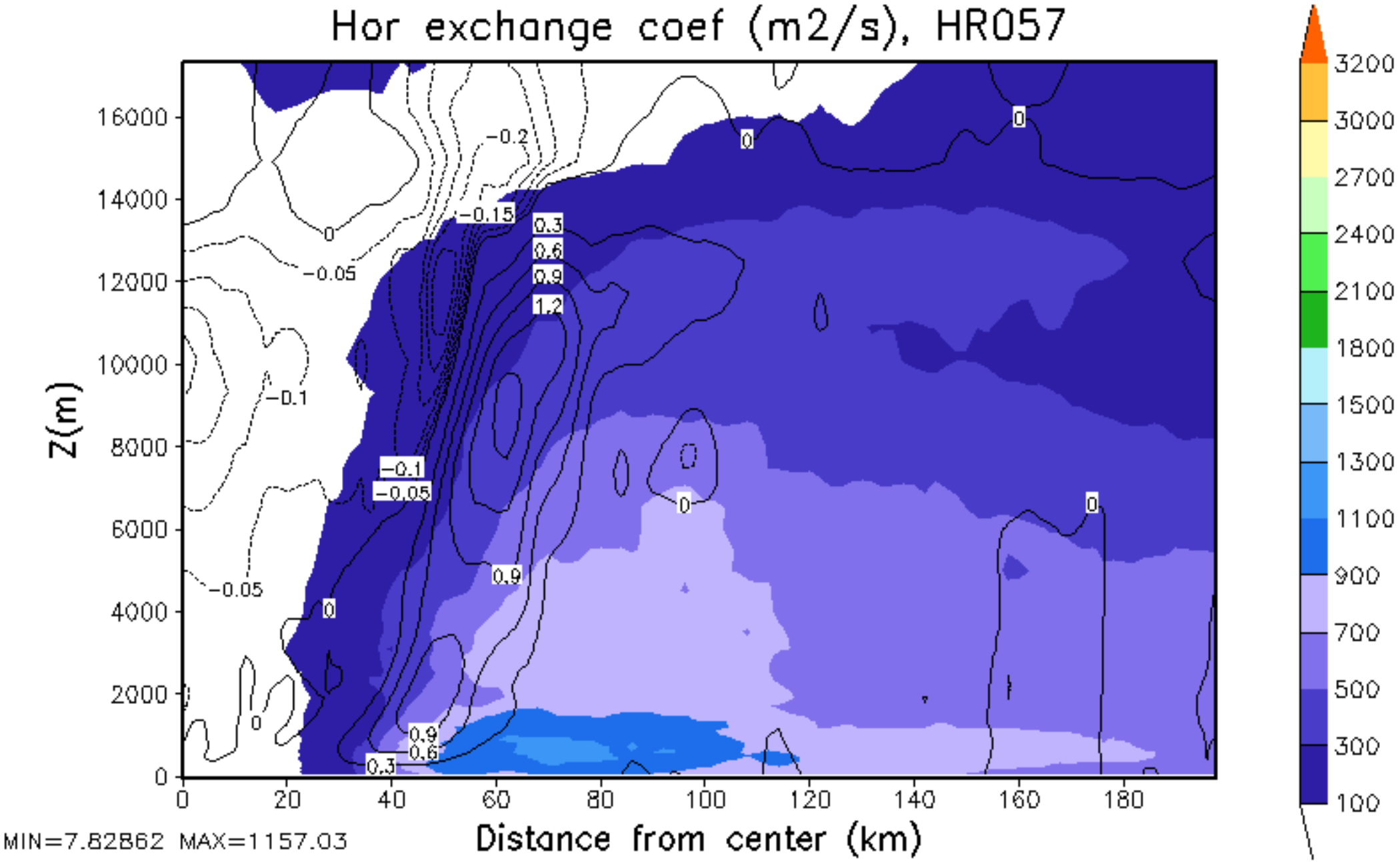
-0.05
-0.1
0.3
0.6


Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=7.82862 MAX=1157.03
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6000
8000
10000
12000
14000
16000
0
20
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60
80
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120
140
160
180
3200
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2400
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1800
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1300
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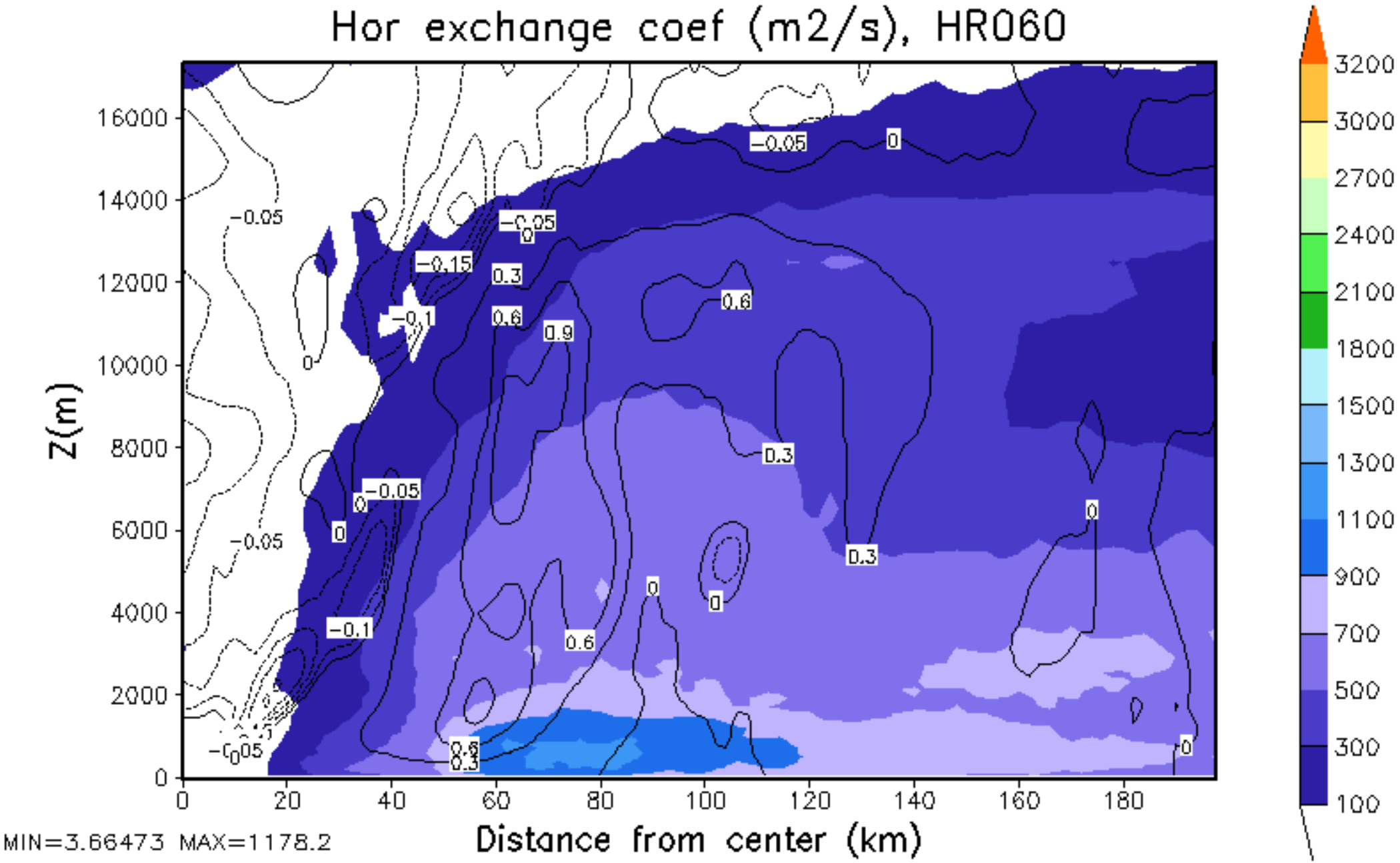
0.6
0.9
1.2


Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=3.66473 MAX=1178.2
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4000
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8000
10000
12000
14000
16000
0
20
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60
80
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3000
2700
2400
2100
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1300
1100
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700
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300
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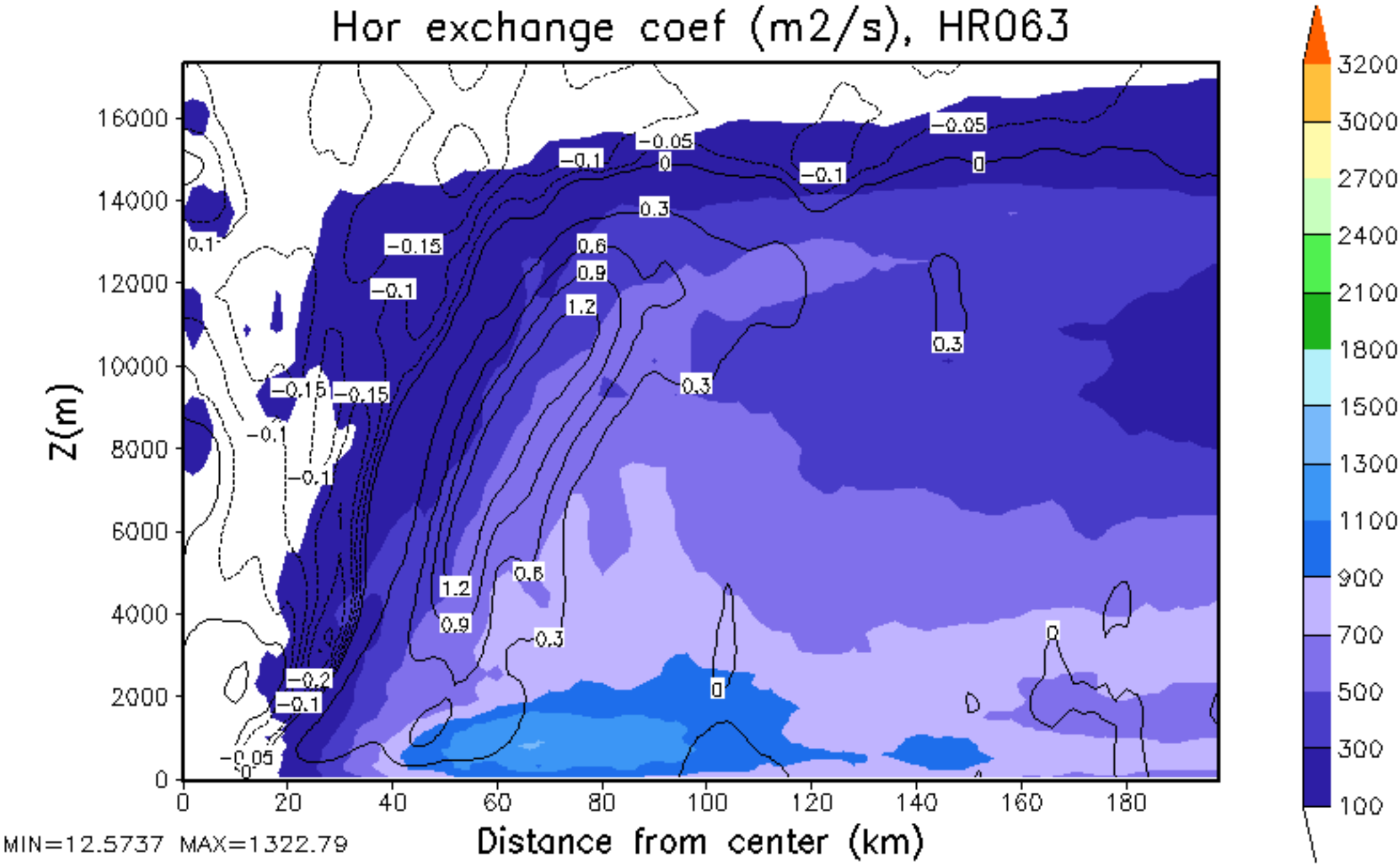
Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=12.5737 MAX=1322.79
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3200
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2400
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300
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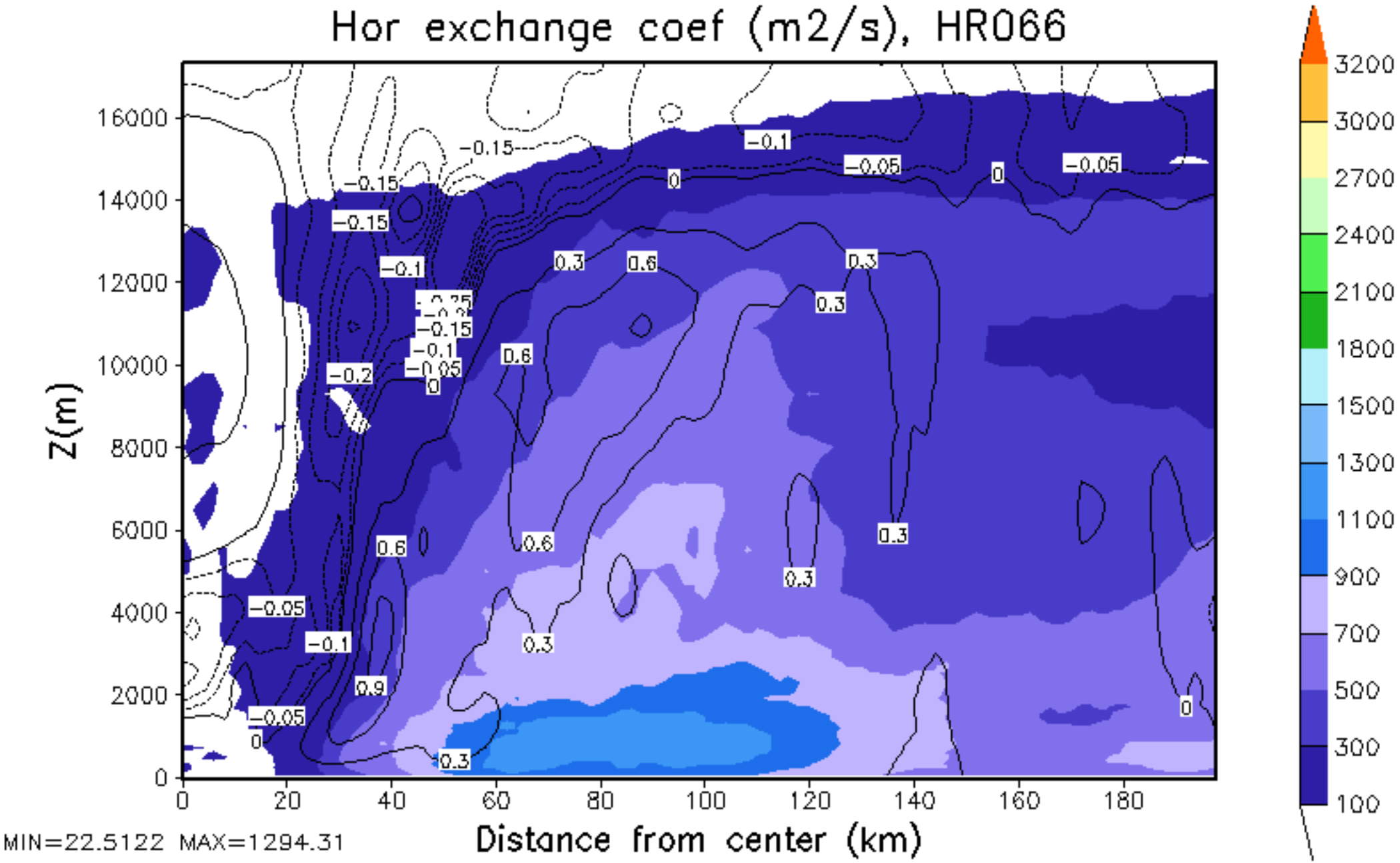
Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=22.5122 MAX=1294.31
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6000
8000
10000
12000
14000
16000
0
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40
60
80
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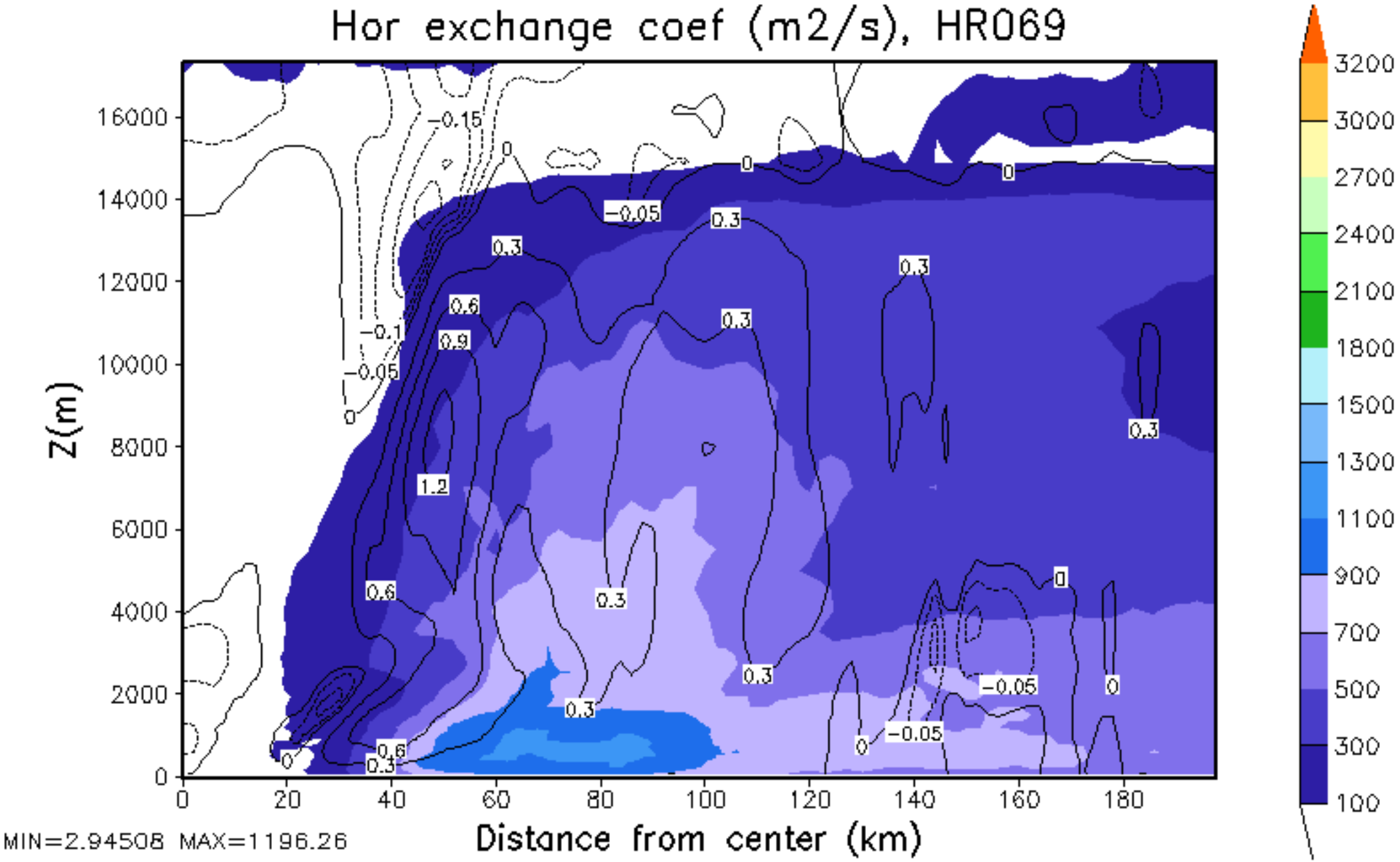
Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=2.94508 MAX=1196.26
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
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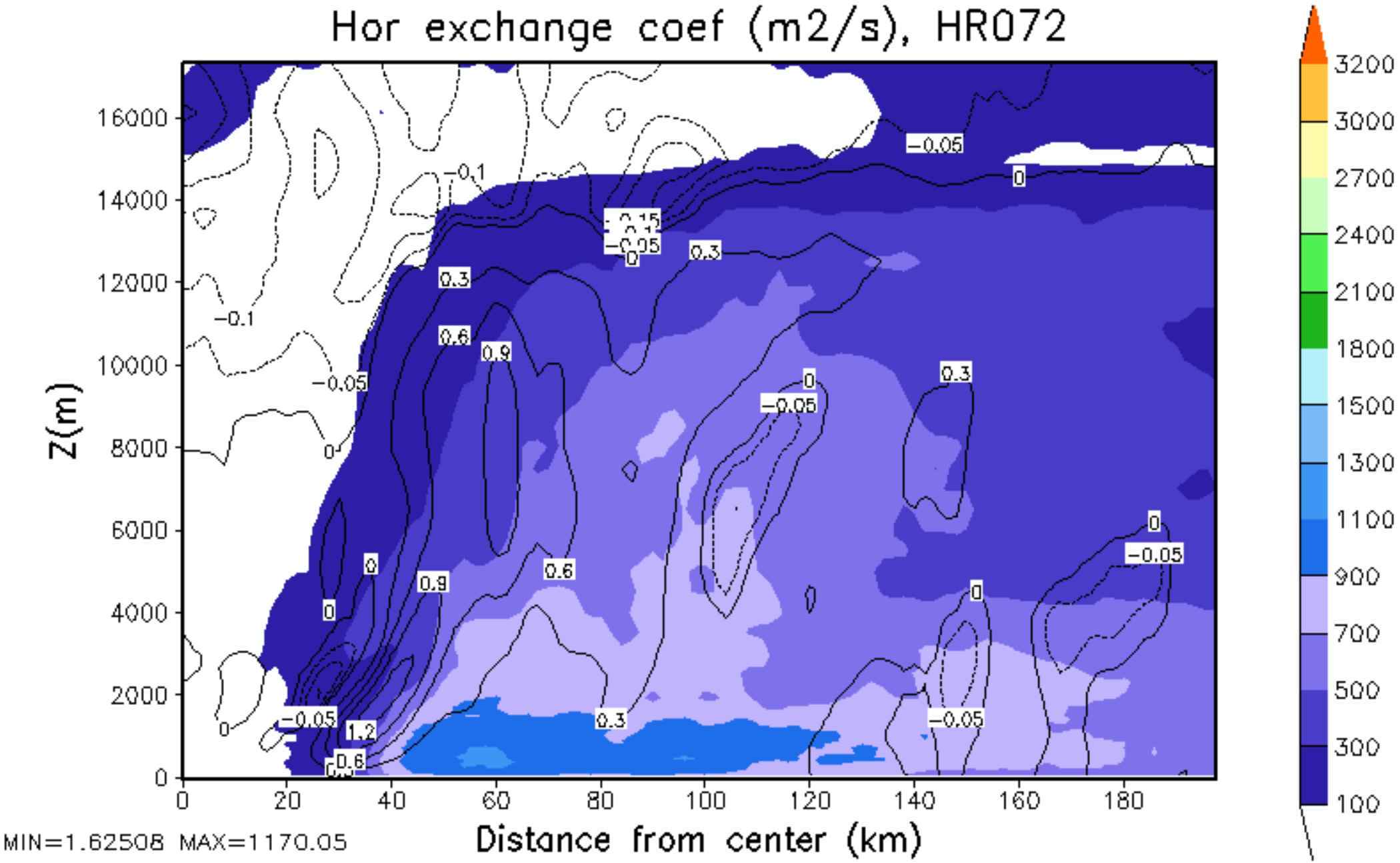
-0.15
-0.1
-0.05
0
0.3
0.6
0.9
1.2


Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=1.62508 MAX=1170.05
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8000
10000
12000
14000
16000
0
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40
60
80
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3200
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2400
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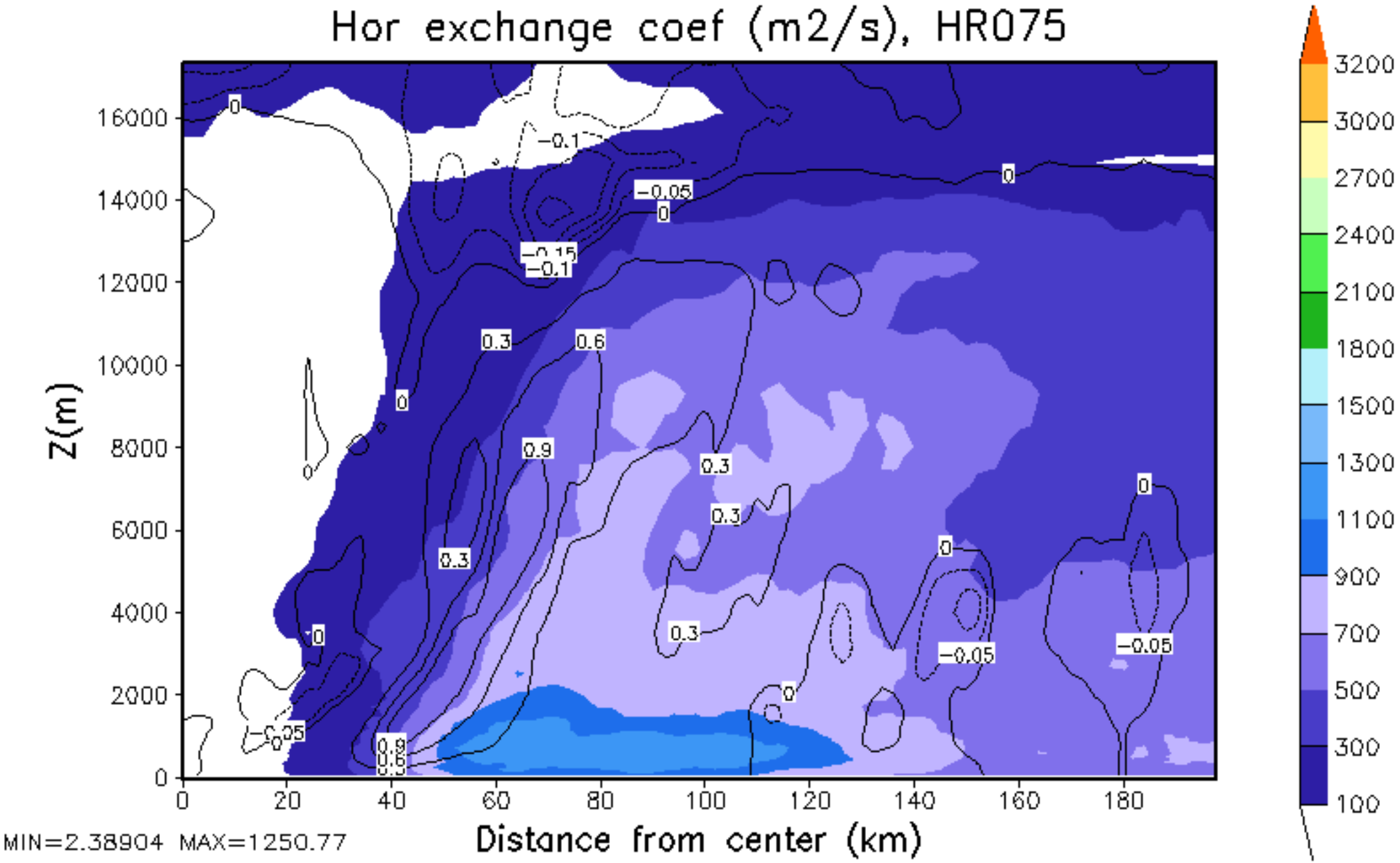
Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=2.38904 MAX=1250.77
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8000
10000
12000
14000
16000
0
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60
80
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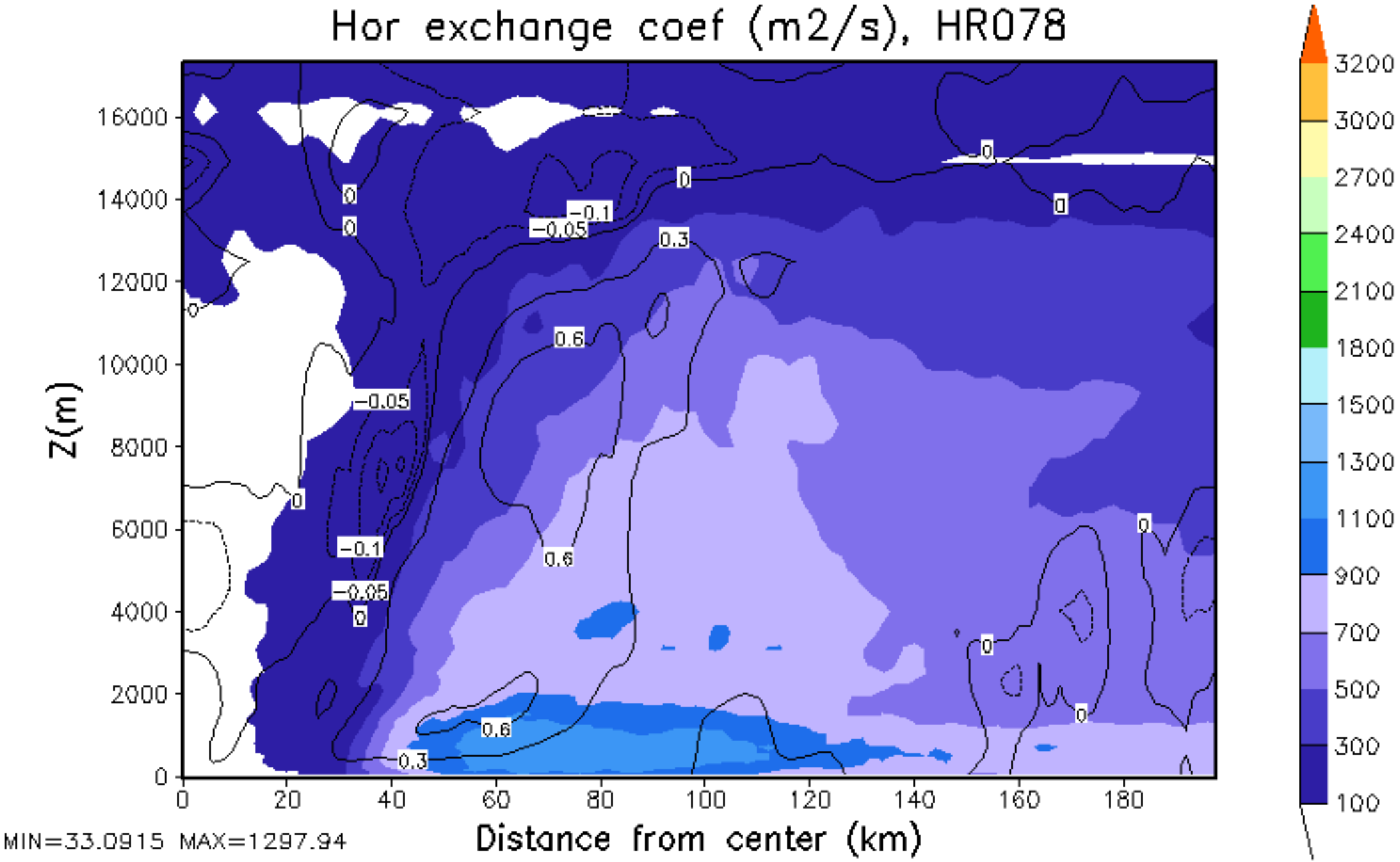
Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=33.0915 MAX=1297.94
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8000
10000
12000
14000
16000
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60
80
100
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3200
3000
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700
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300
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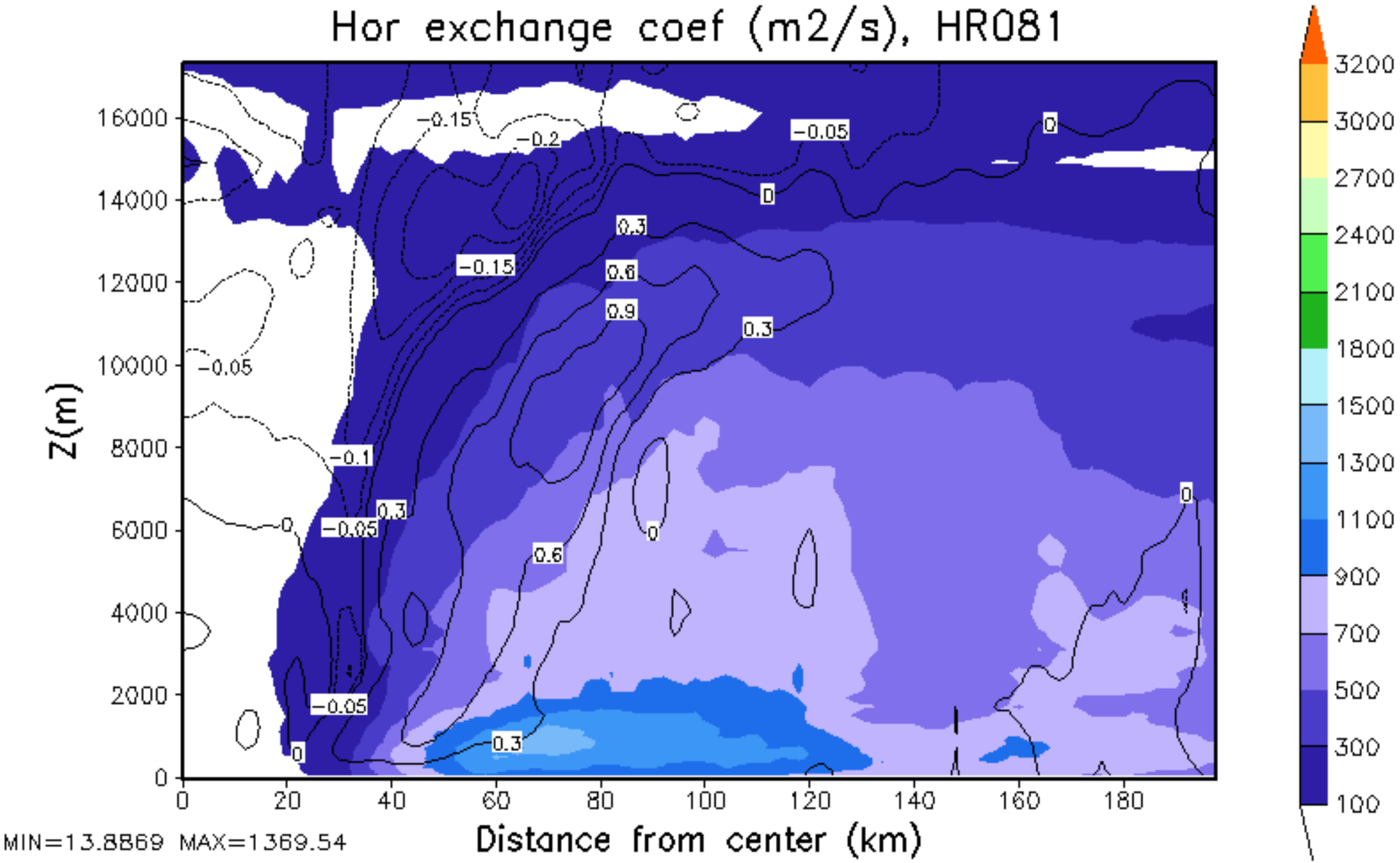
0
-0.1
-0.05
0.3
0.6


Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=13.8869 MAX=1369.54
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10000
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1300
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300
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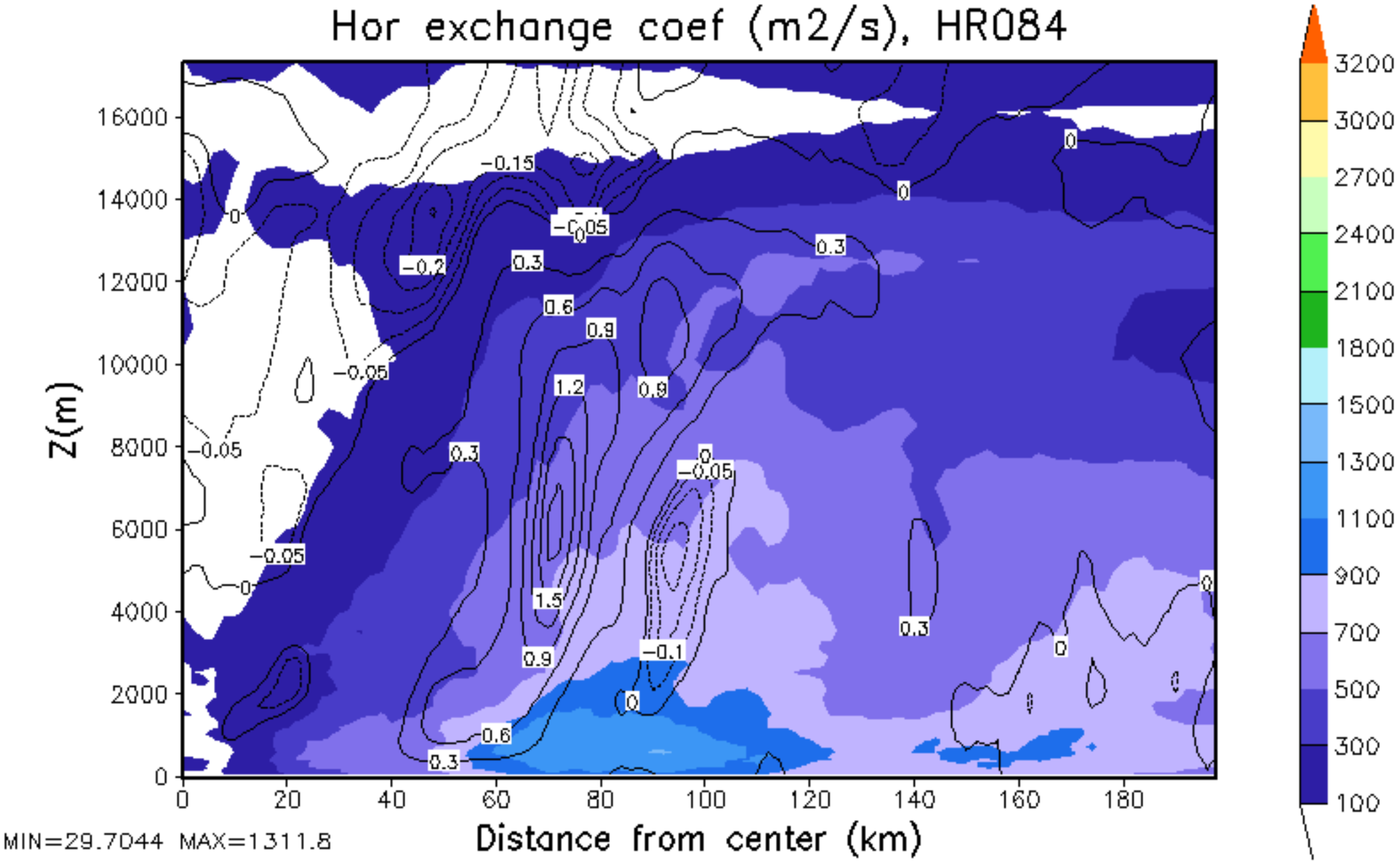
-0.2
-0.05
0
0.3
0.6
0.9
-0.1


Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=29.7044 MAX=1311.8
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10000
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14000
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700
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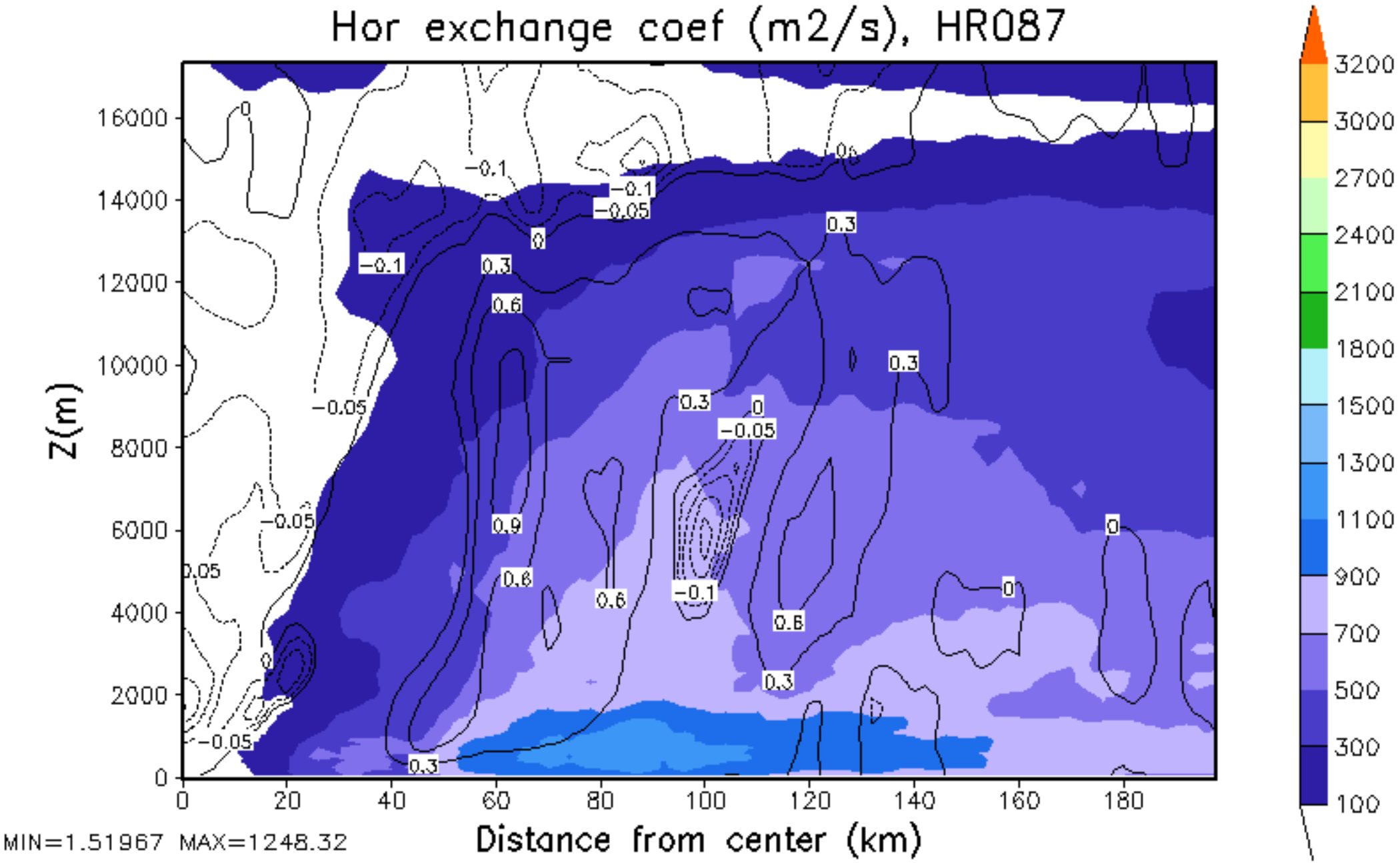
300
100


Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=1.51967 MAX=1248.32
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6000
8000
10000
12000
14000
16000
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20
40
60
80
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3000
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2400
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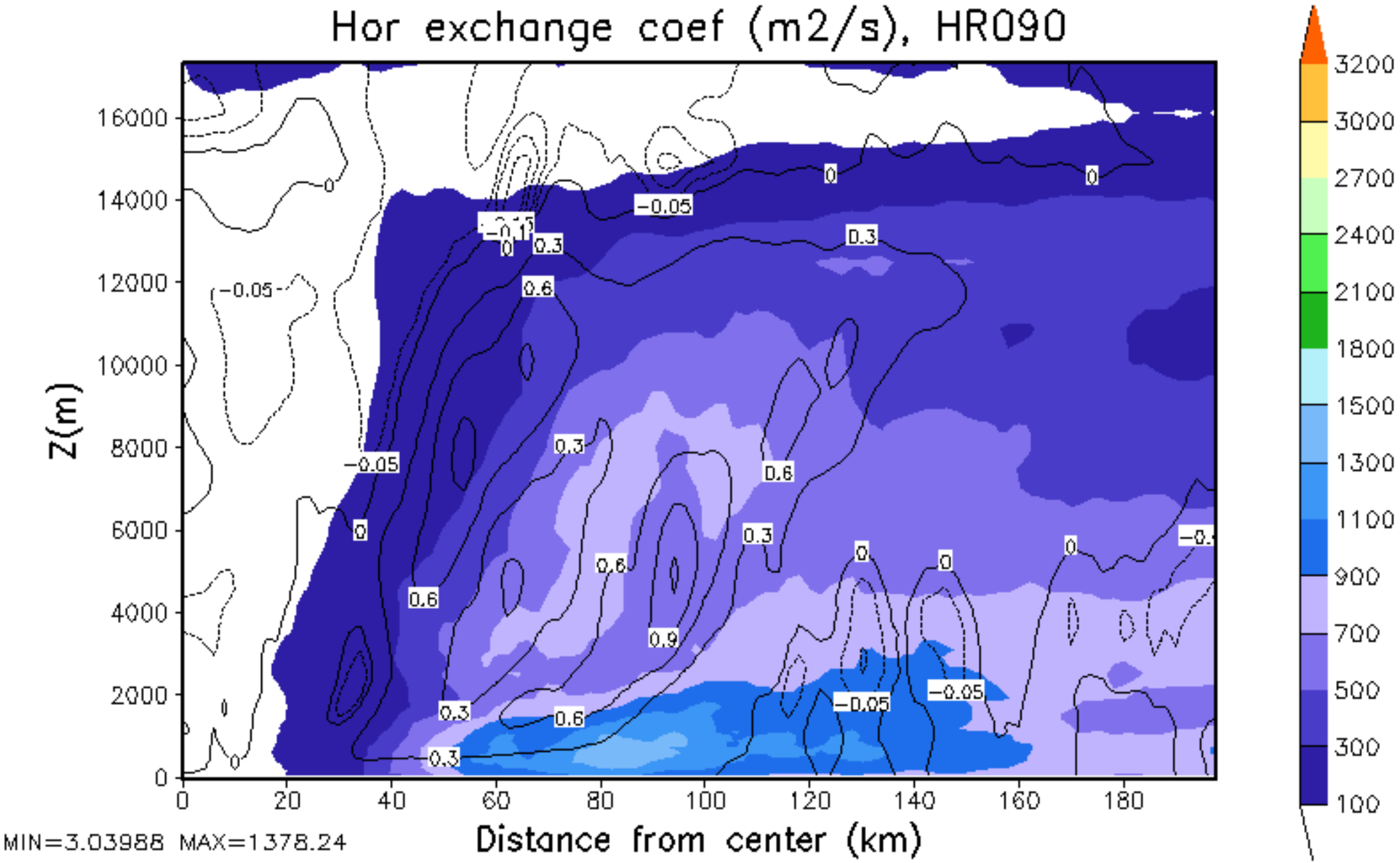
Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=3.03988 MAX=1378.24
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2000
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6000
8000
10000
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14000
16000
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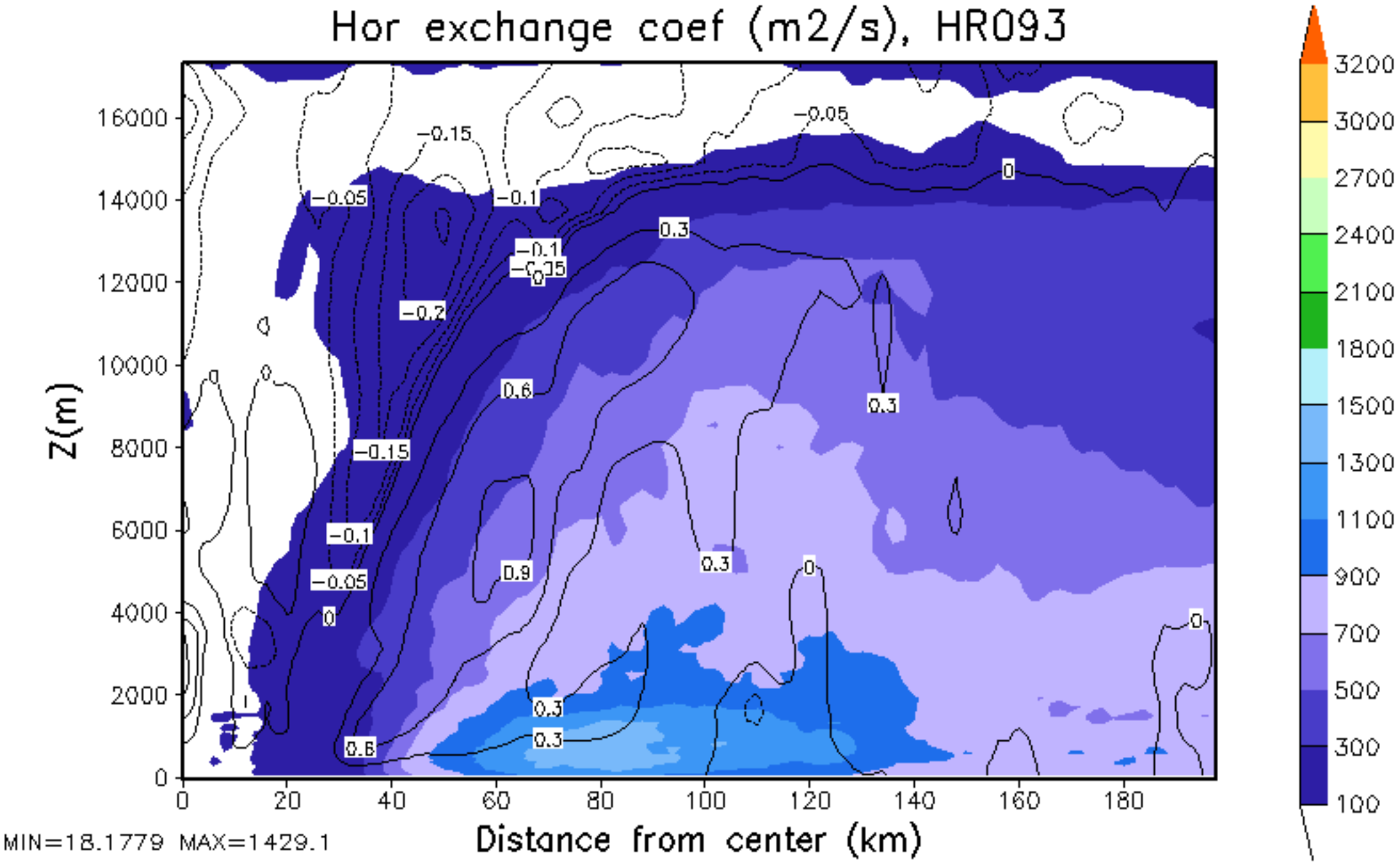
Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=18.1779 MAX=1429.1
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2000
4000
6000
8000
10000
12000
14000
16000
0
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60
80
100
120
140
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180
3200
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2700
2400
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1500
1300
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-0.2
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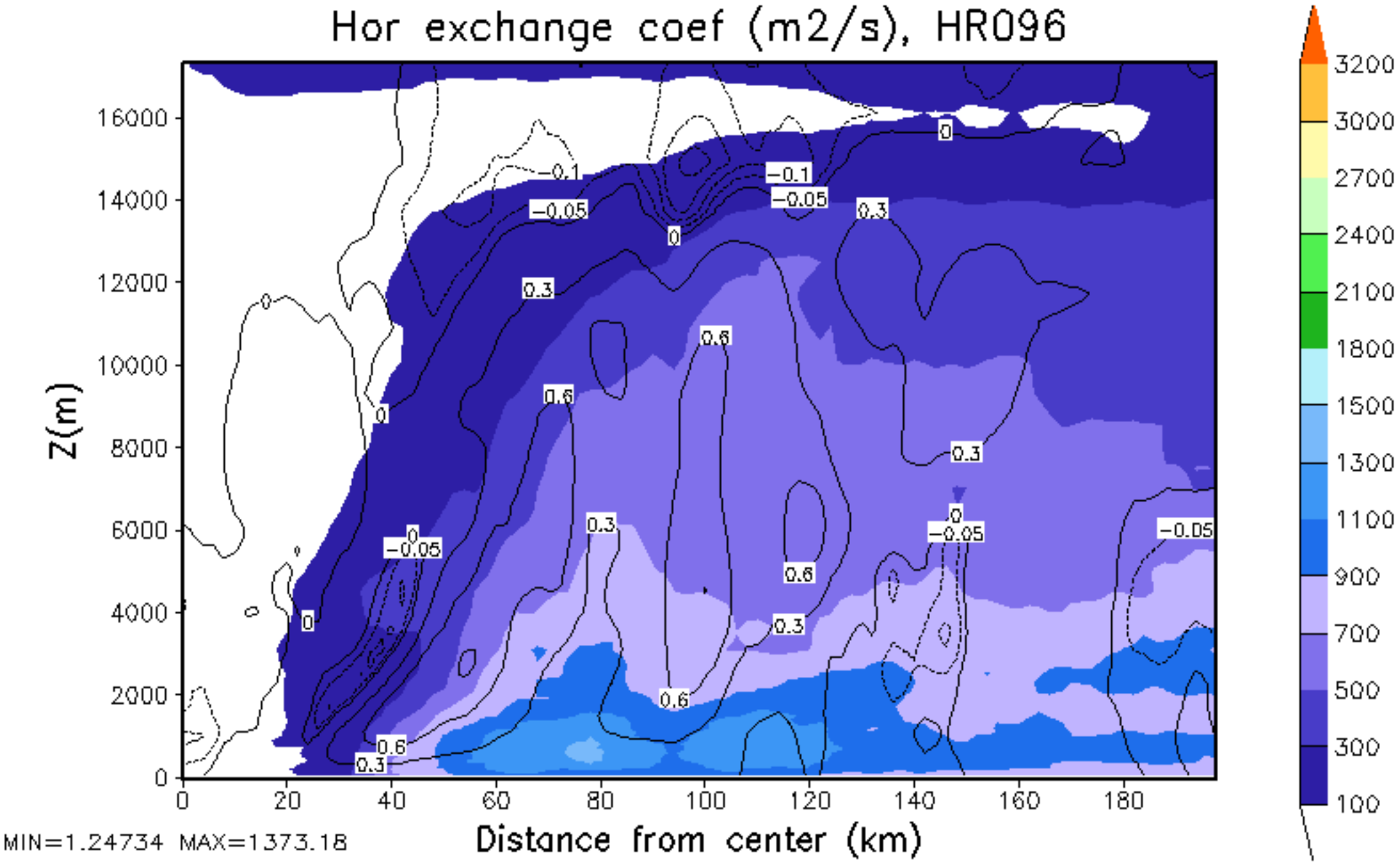
Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=1.24734 MAX=1373.18
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6000
8000
10000
12000
14000
16000
0
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100
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180
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3000
2700
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700
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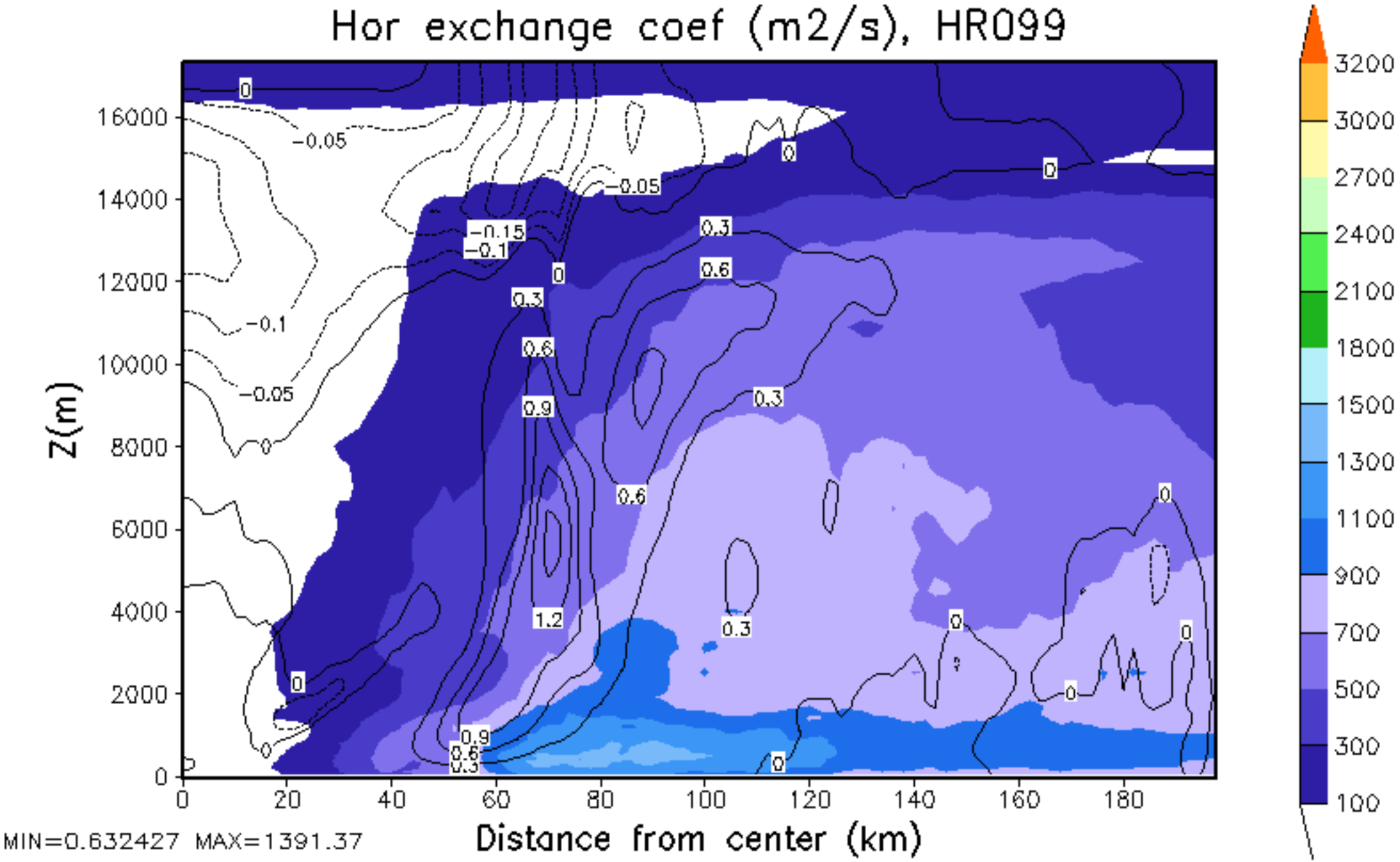
0.6


Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=0.632427 MAX=1391.37
0
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8000
10000
12000
14000
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300
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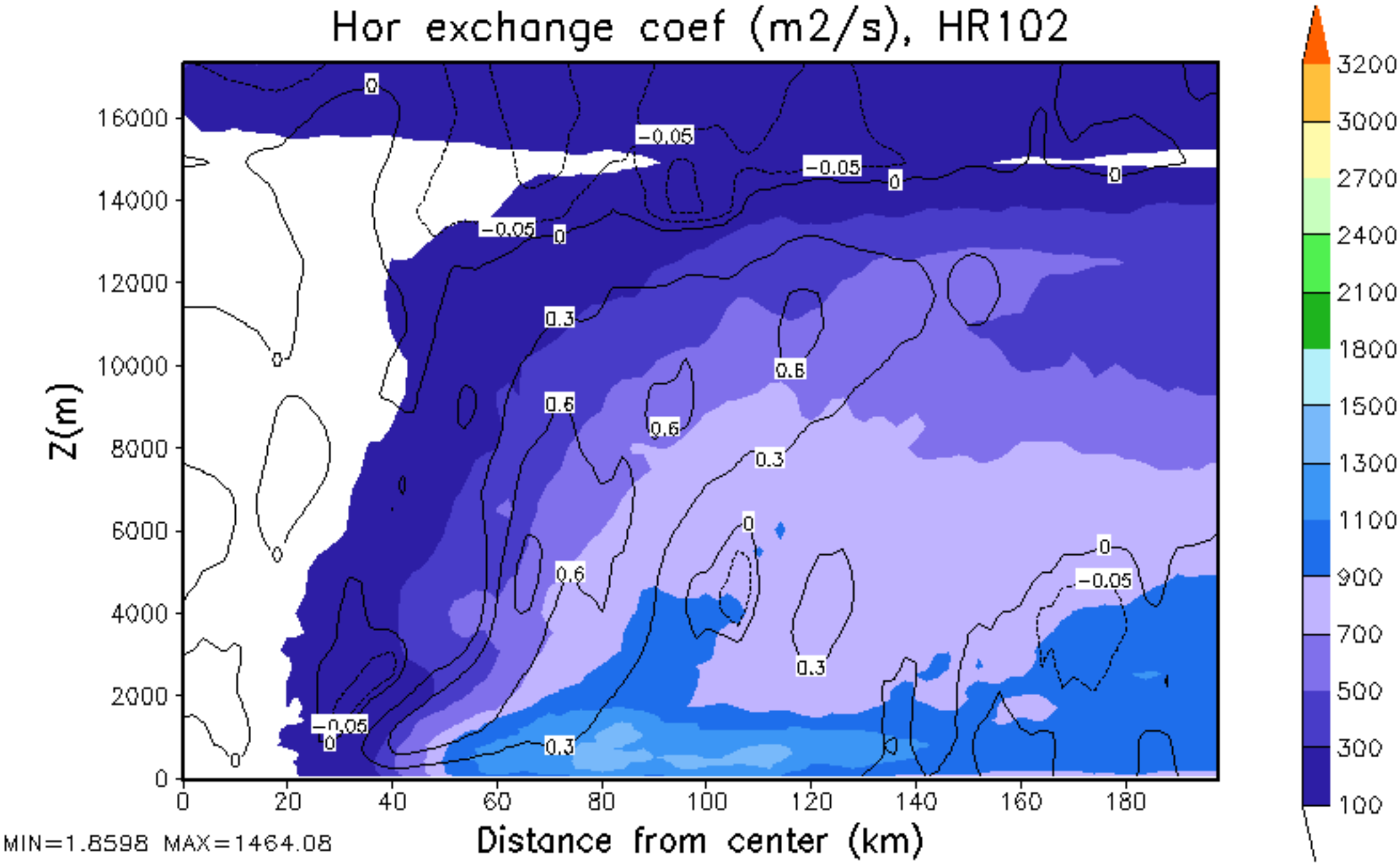
Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=1.8598 MAX=1464.08
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8000
10000
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14000
16000
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80
100
120
140
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180
3200
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700
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300
100
0
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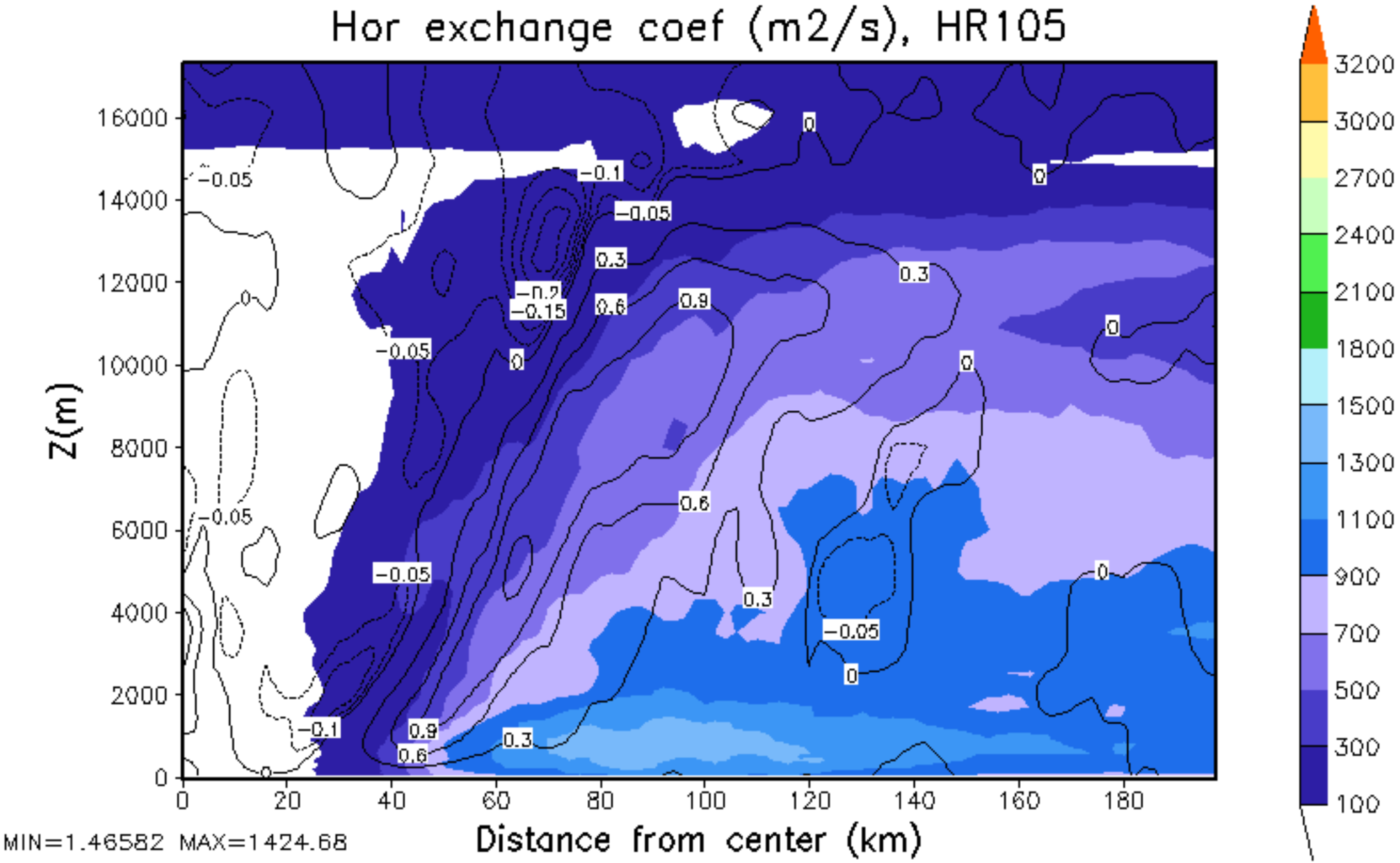
0.3
0.6


Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=1.46582 MAX=1424.68
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10000
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14000
16000
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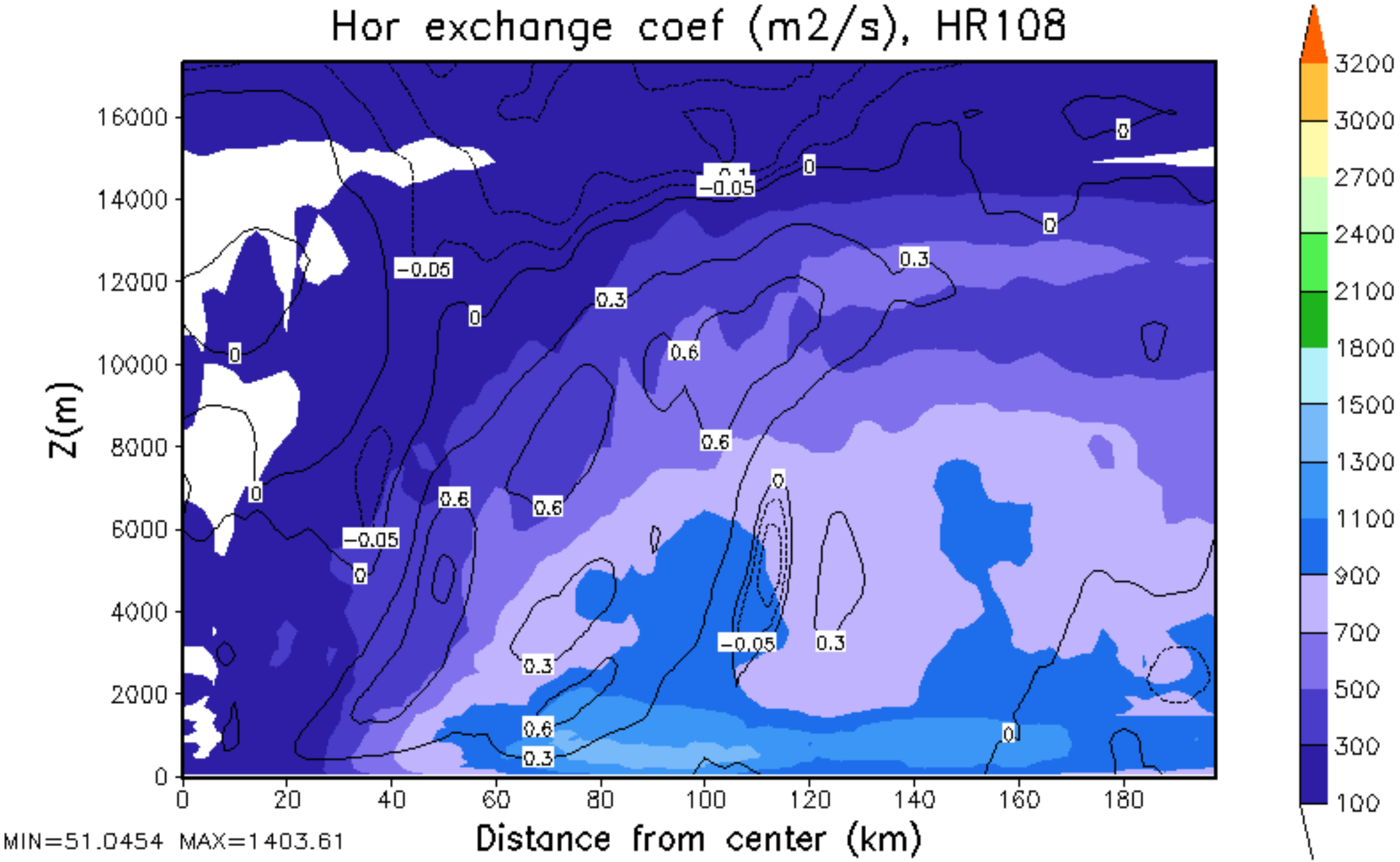
Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=51.0454 MAX=1403.61
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8000
10000
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14000
16000
0
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3200
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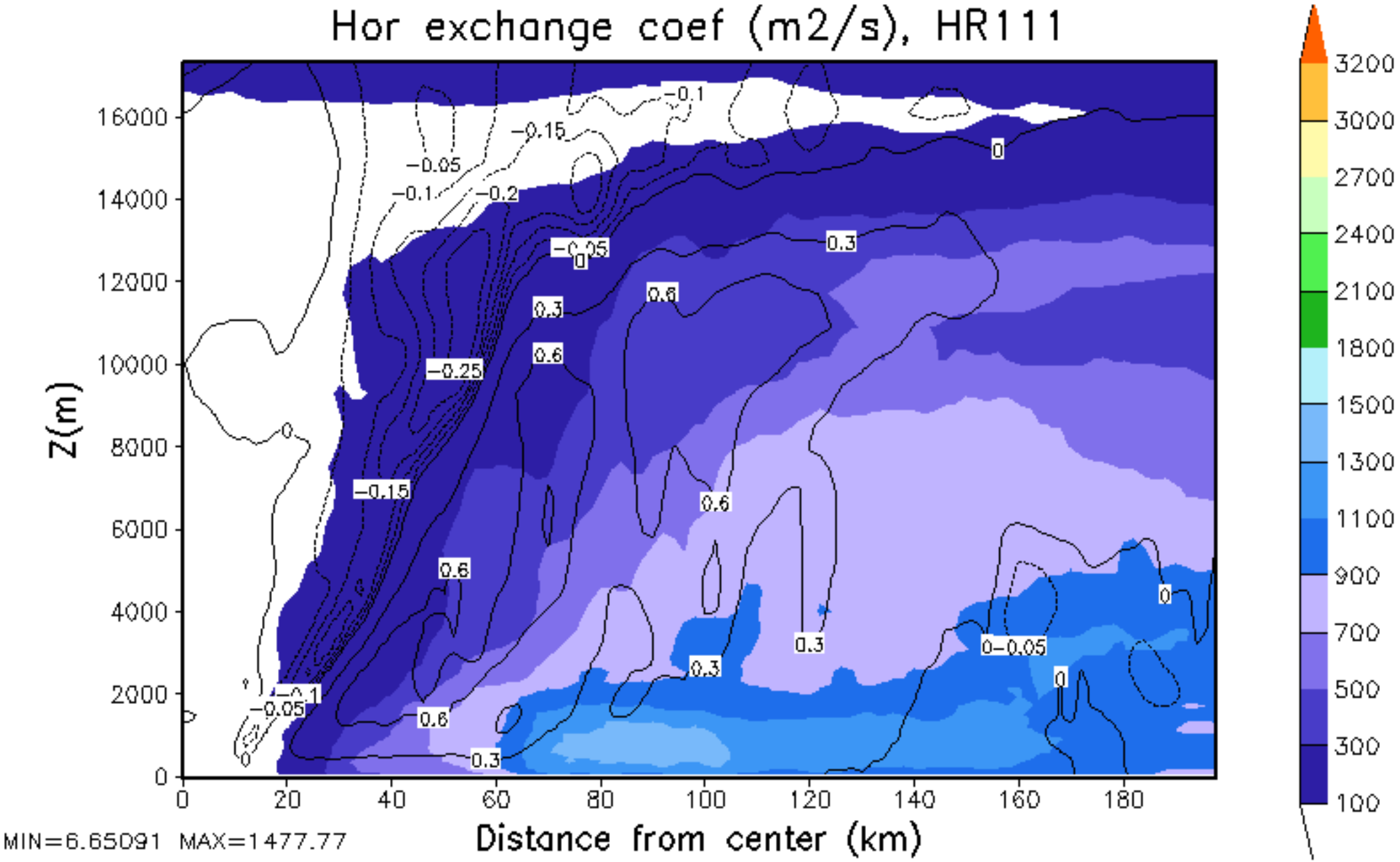
0
0.3
0.6


Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=6.65091 MAX=1477.77
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8000
10000
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14000
16000
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100
120
140
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180
3200
3000
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2400
2100
1800
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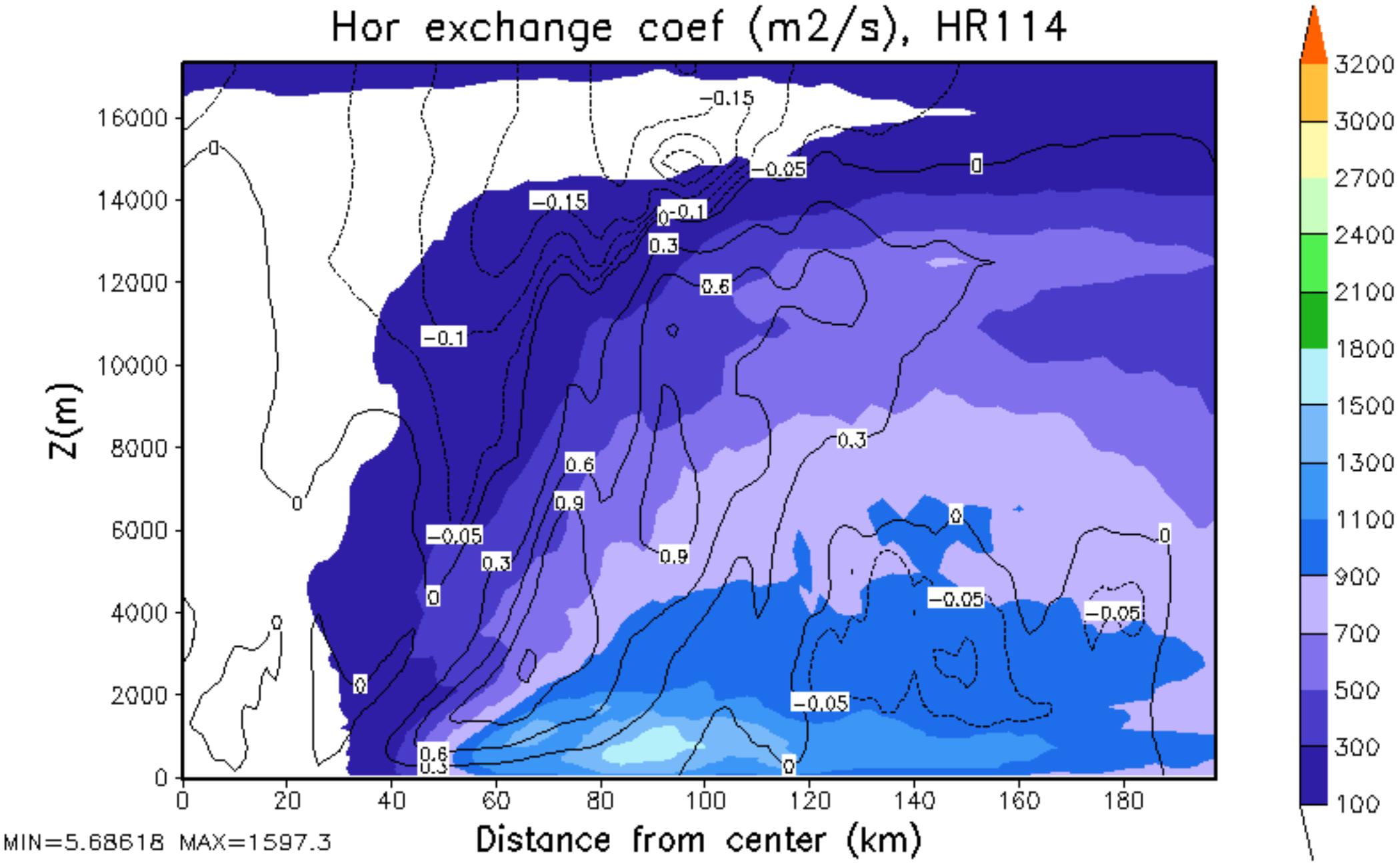
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=5.68618 MAX=1597.3
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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
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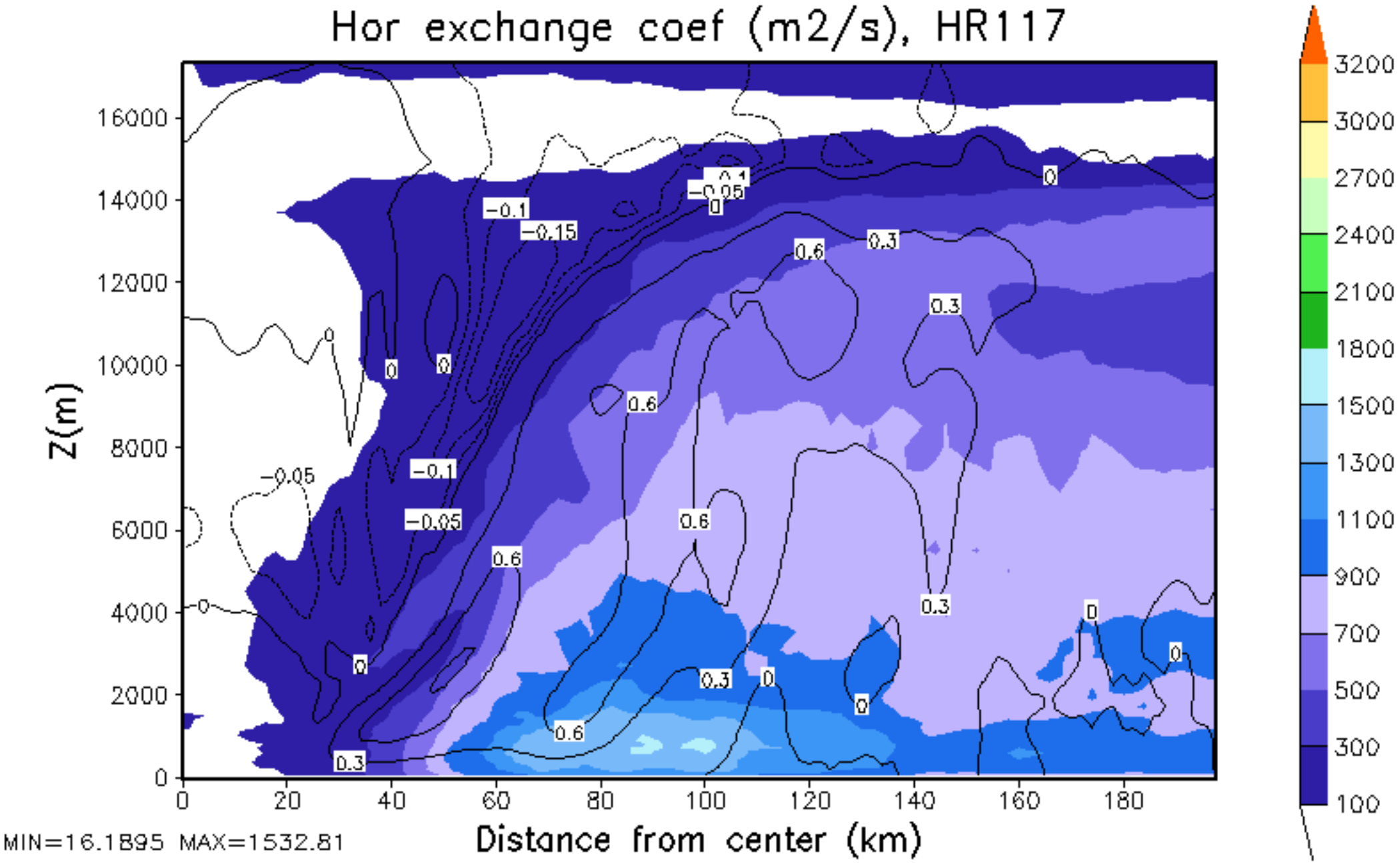
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=16.1895 MAX=1532.81
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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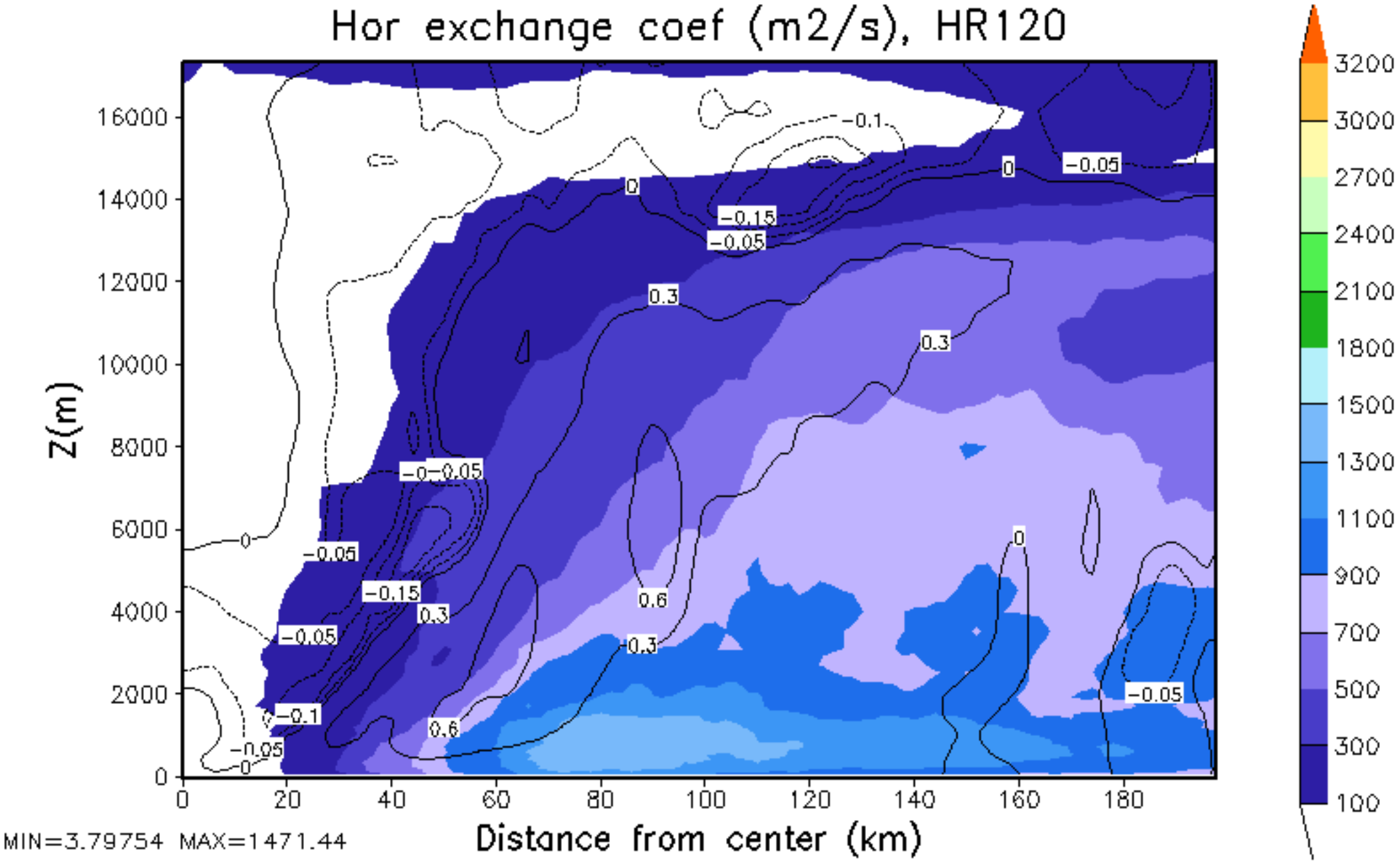
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=3.79754 MAX=1471.44
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
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2400
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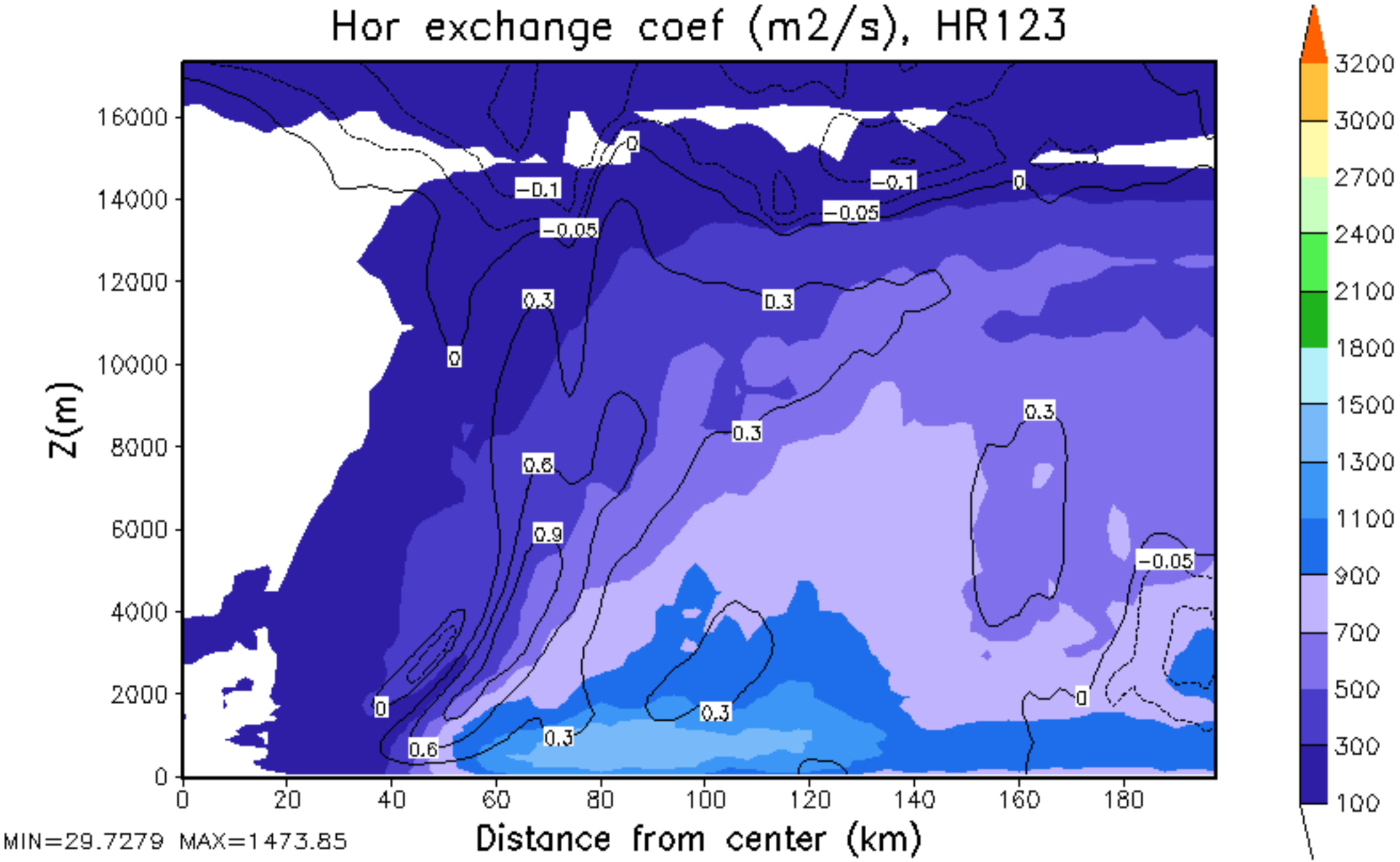
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=29.7279 MAX=1473.85
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
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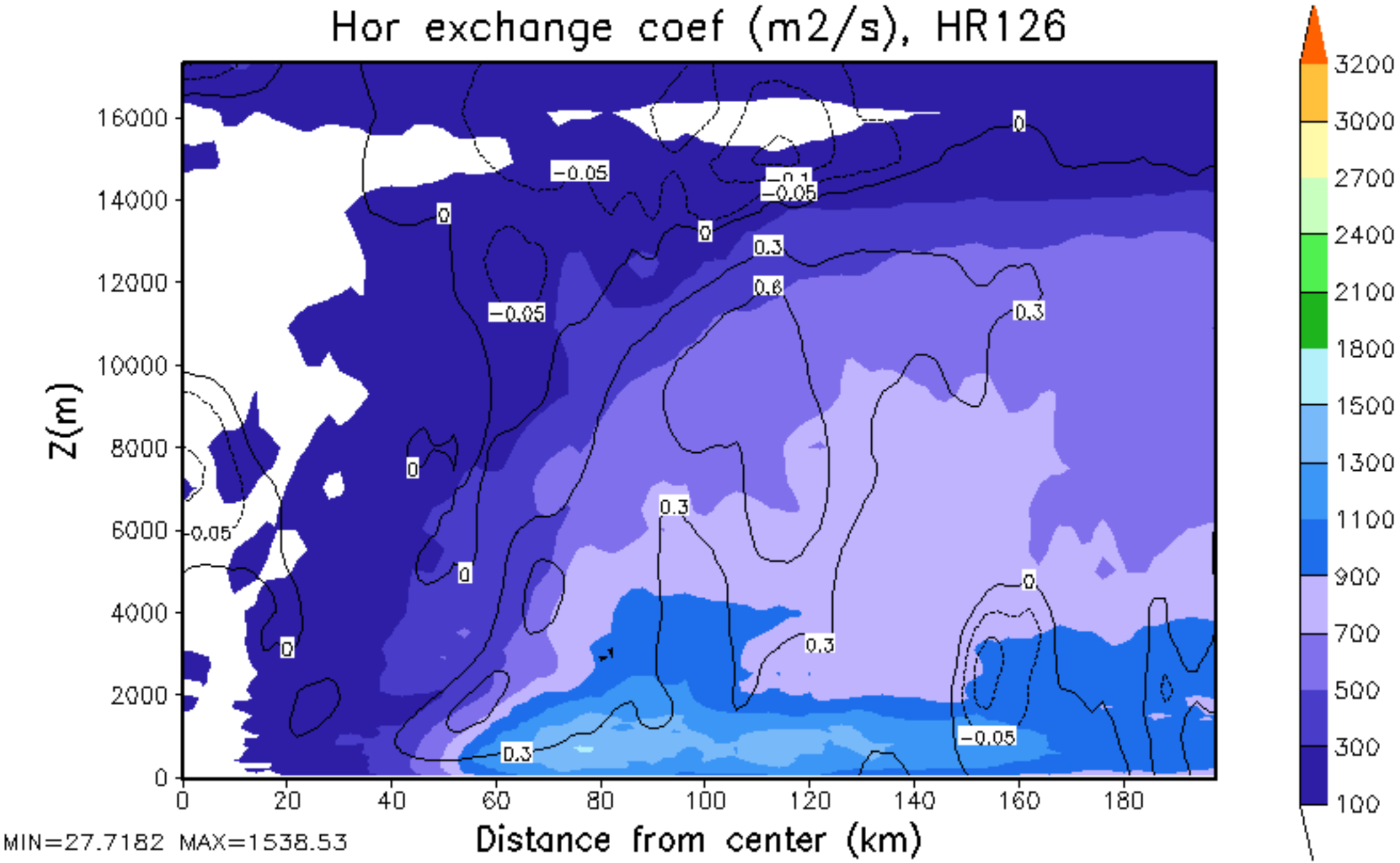
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=27.7182 MAX=1538.53
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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
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1300
1100
900
700
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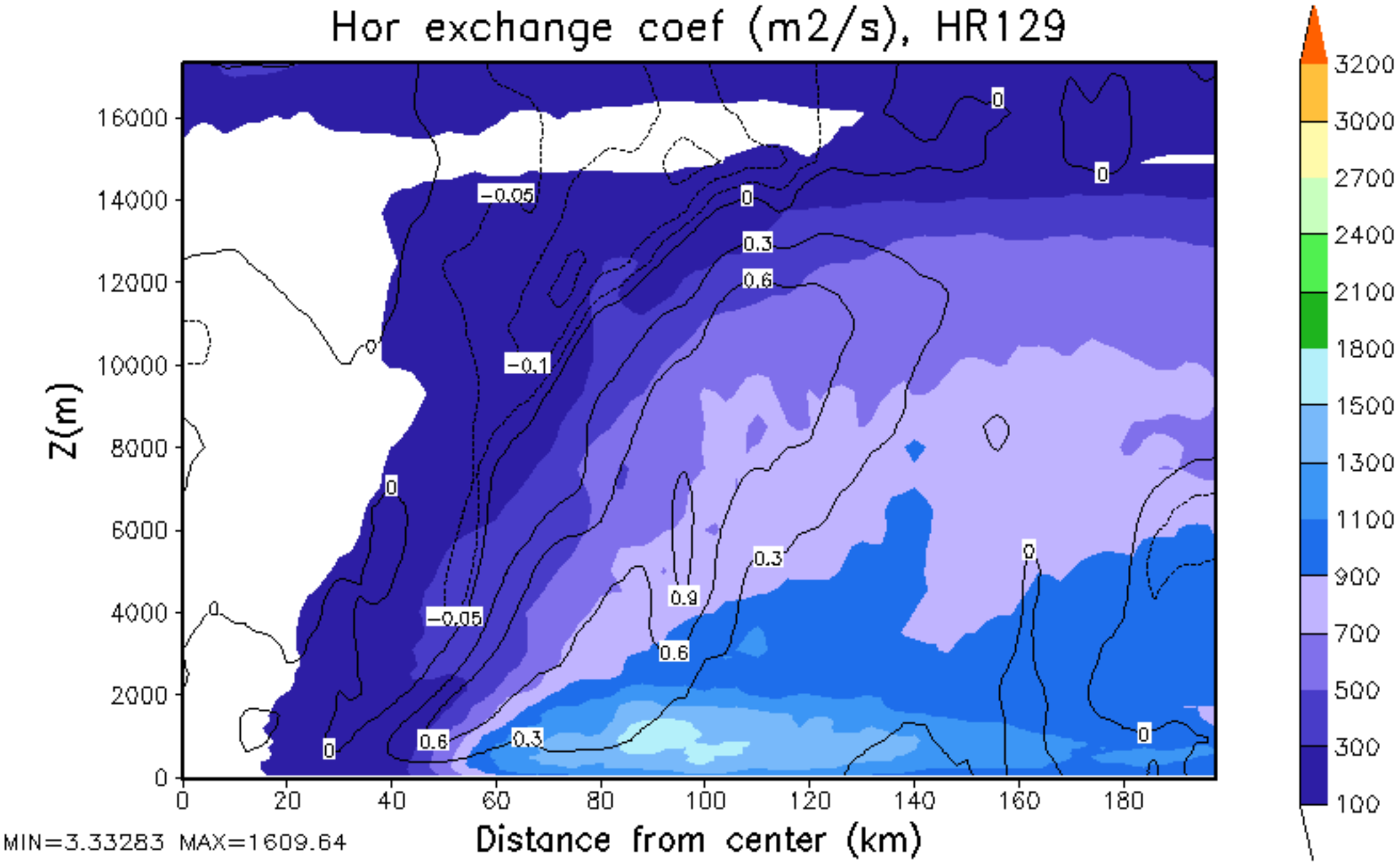
300
100
0
-0.05
0.3
0.6
-0.1


Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=3.33283 MAX=1609.64
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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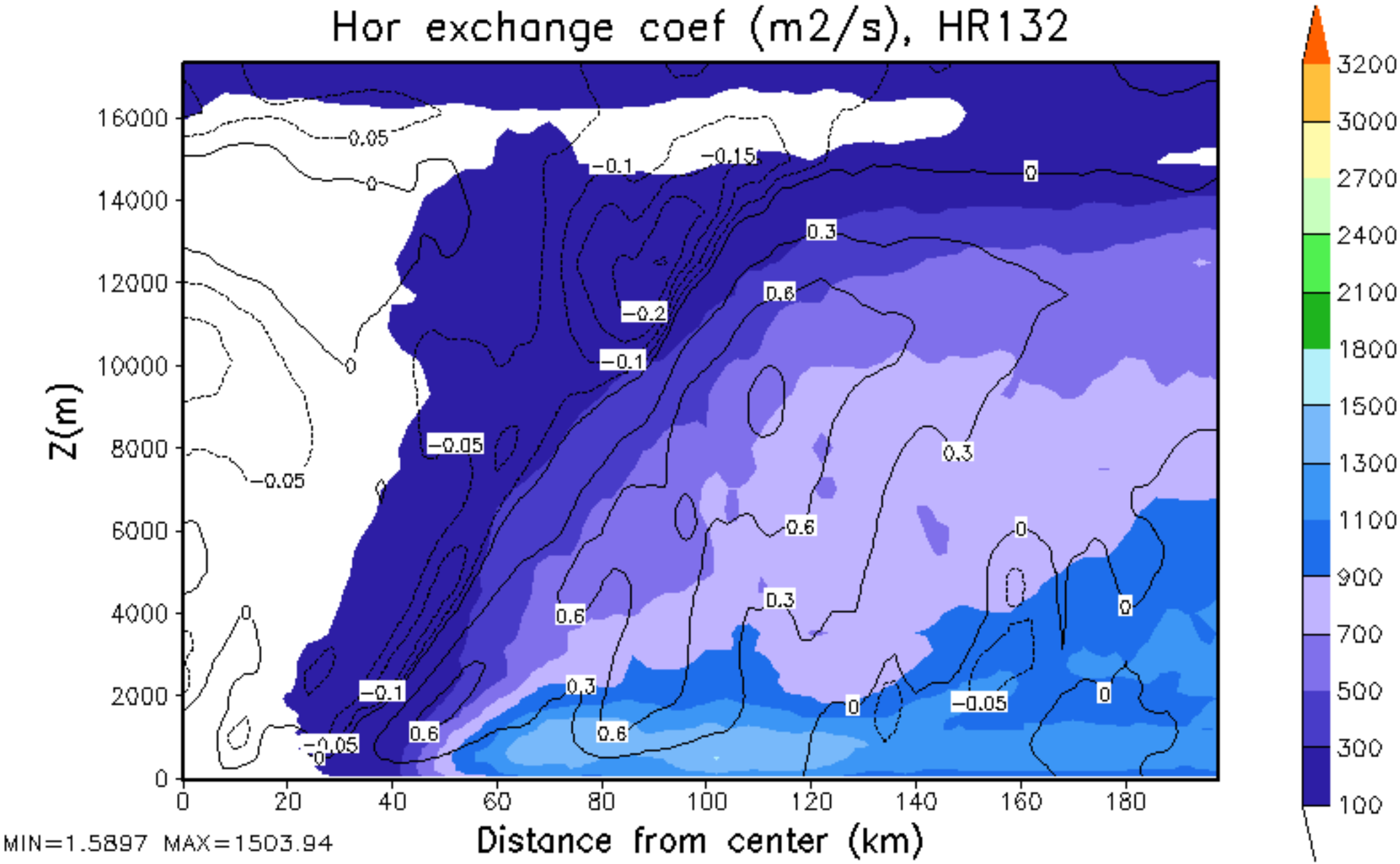
1300
1100
900
700
500
300
100
−0.05
−0.1
0.3
0.6
0.9


Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=1.5897 MAX=1503.94
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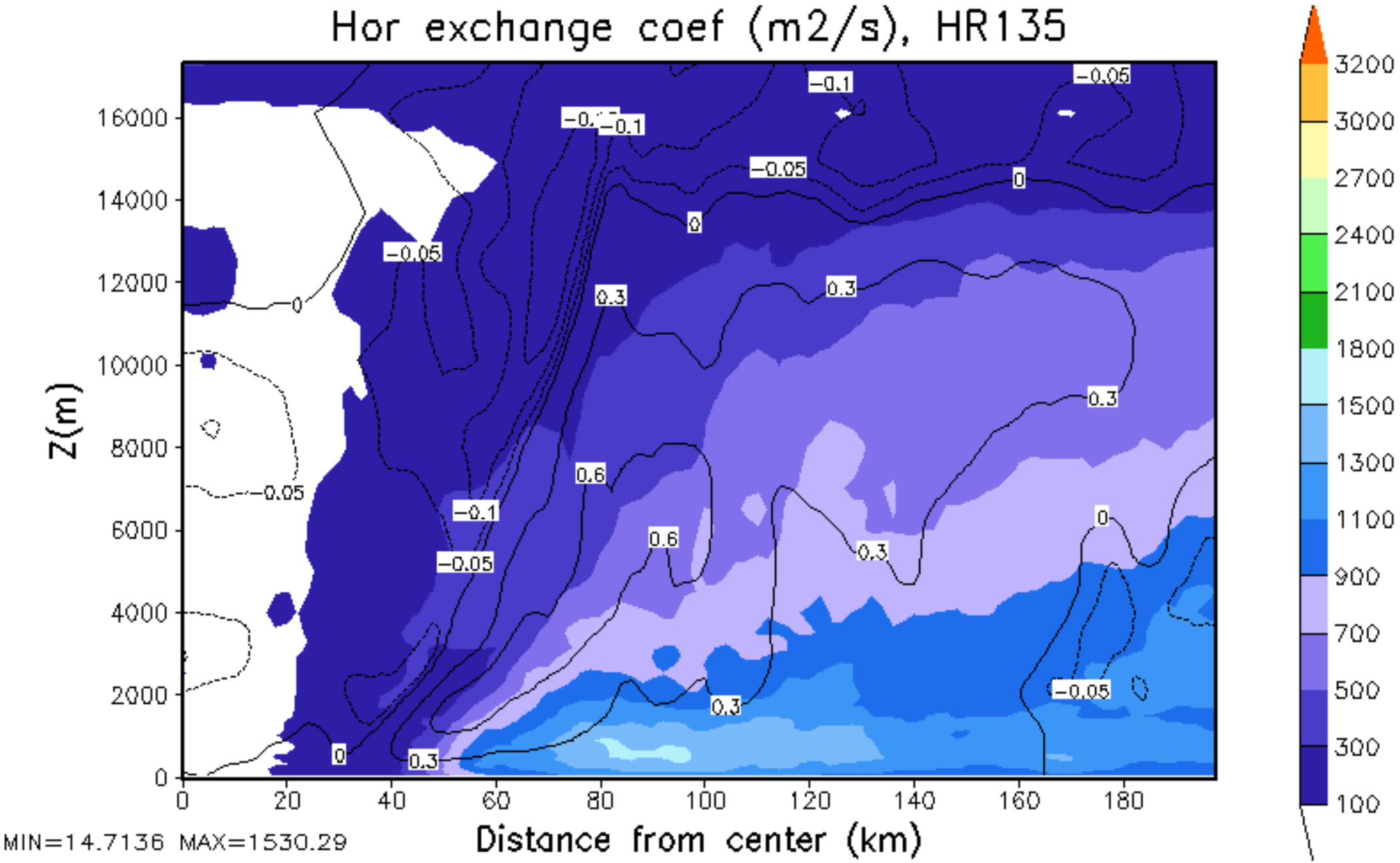
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
0
-0.1
-0.15
0.3
0.6
-0.2
-0.1
-0.05
-0.05
0.3
0.6
0
0.6
0.3
0
0
-0.1
0.3
0
-0.05
0
0.6
0.6
-0.05
0


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=14.7136 MAX=1530.29
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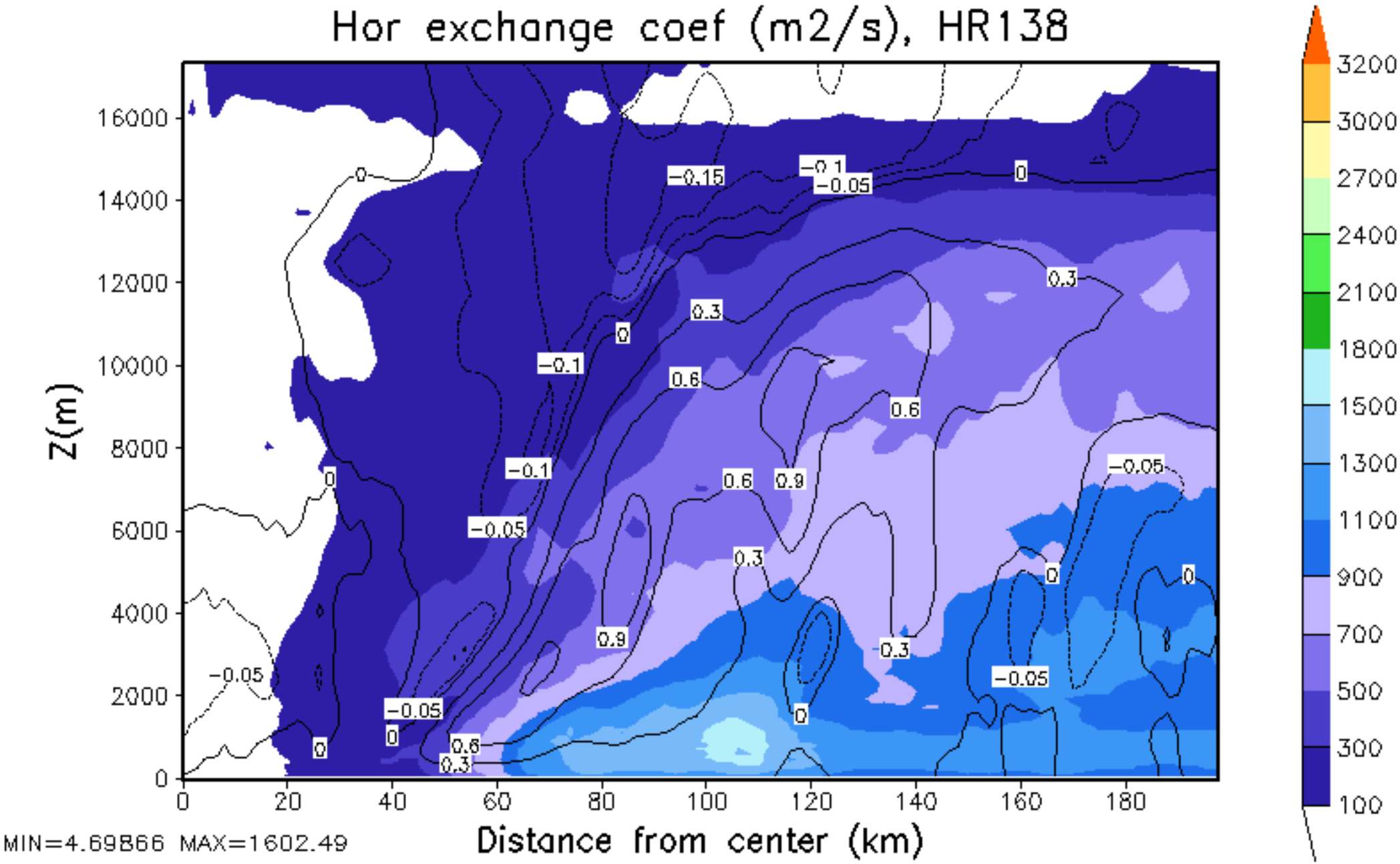
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.1
0
0.3
0.6


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=4.69866 MAX=1602.49
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
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100
120
140
160
180
3200
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2700
2400
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1300
1100
900
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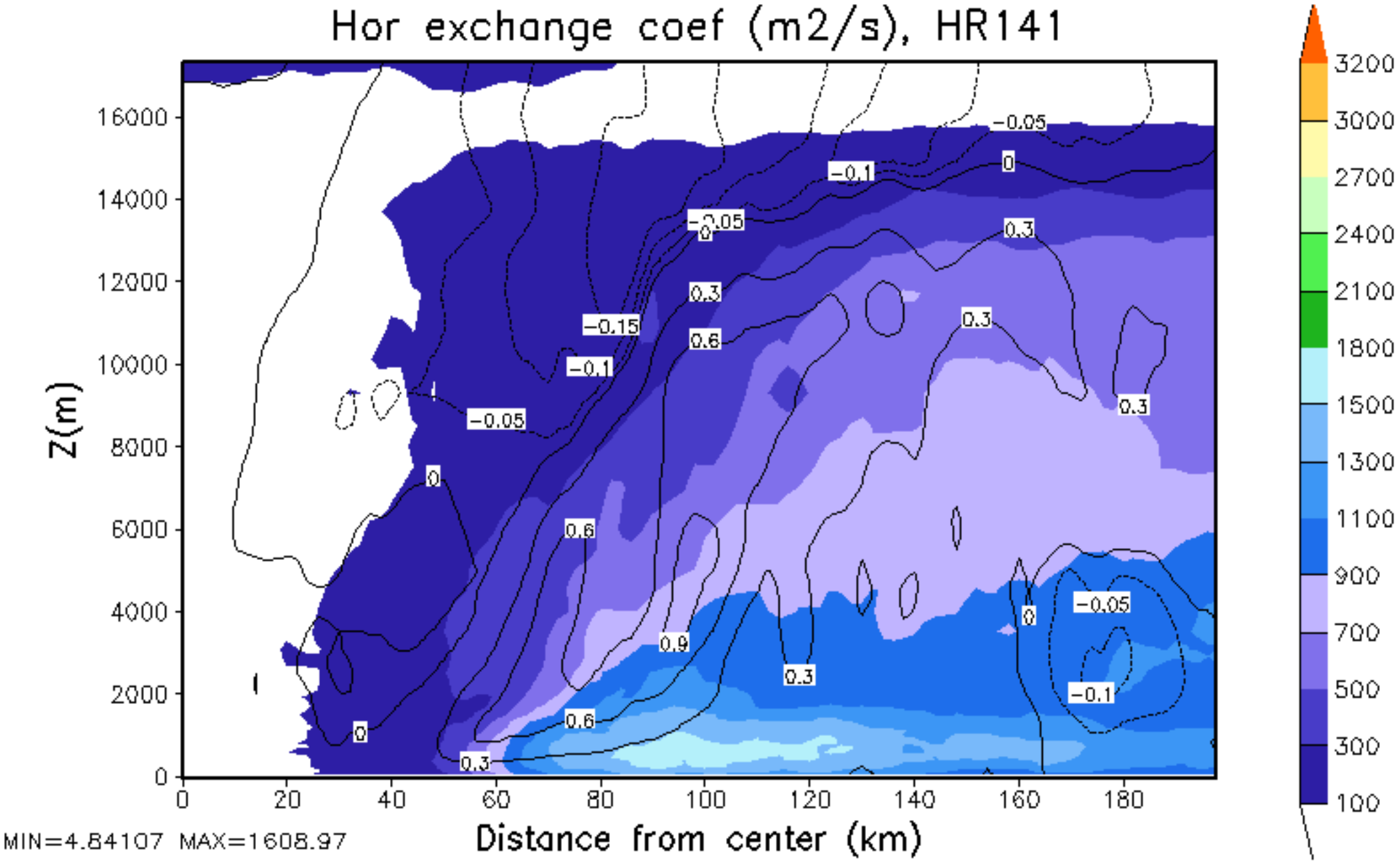
500
300
100


Hor exchange coef (m2/s), HR141
Z(m)
Distance from center (km)
MIN=4.84107 MAX=1608.97
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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
-0.05
0
-0.1
-0.05
0
0.3
0.3
-0.15
0.6
-0.1
0.3
-0.05
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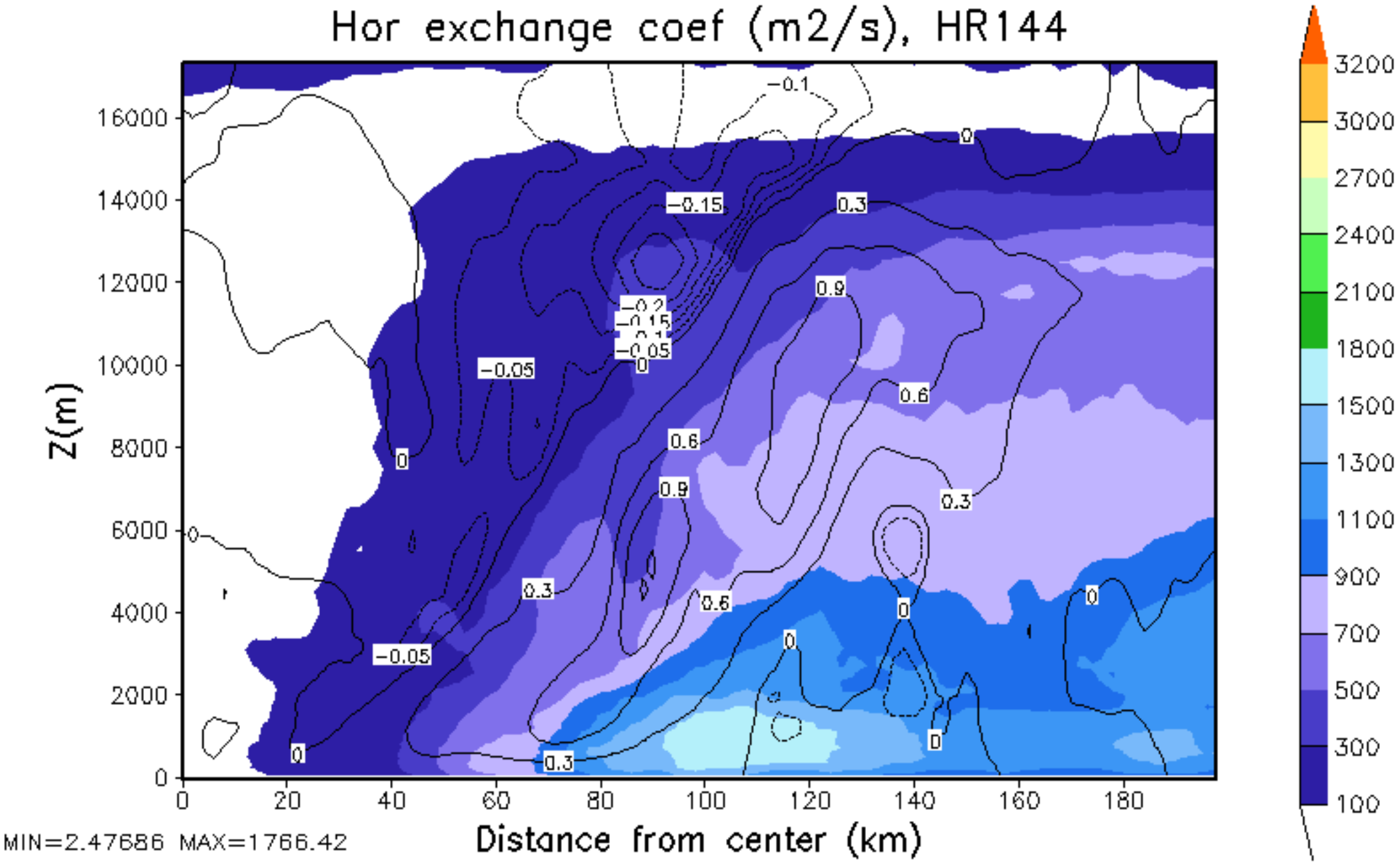
0
0.6
0
-0.05
0.9
0.3
-0.1
0.6
0
0.3


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=2.47686 MAX=1766.42
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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