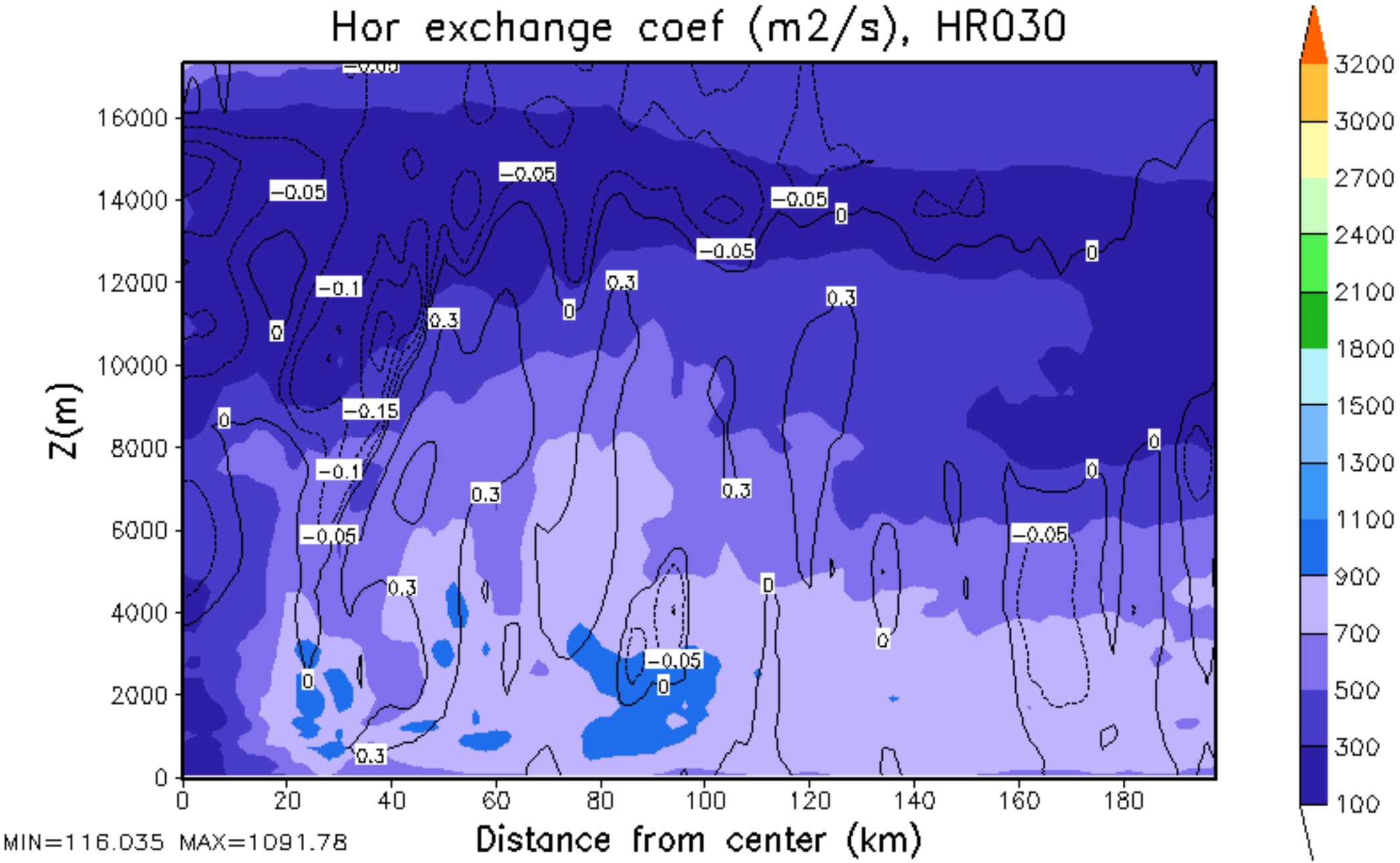
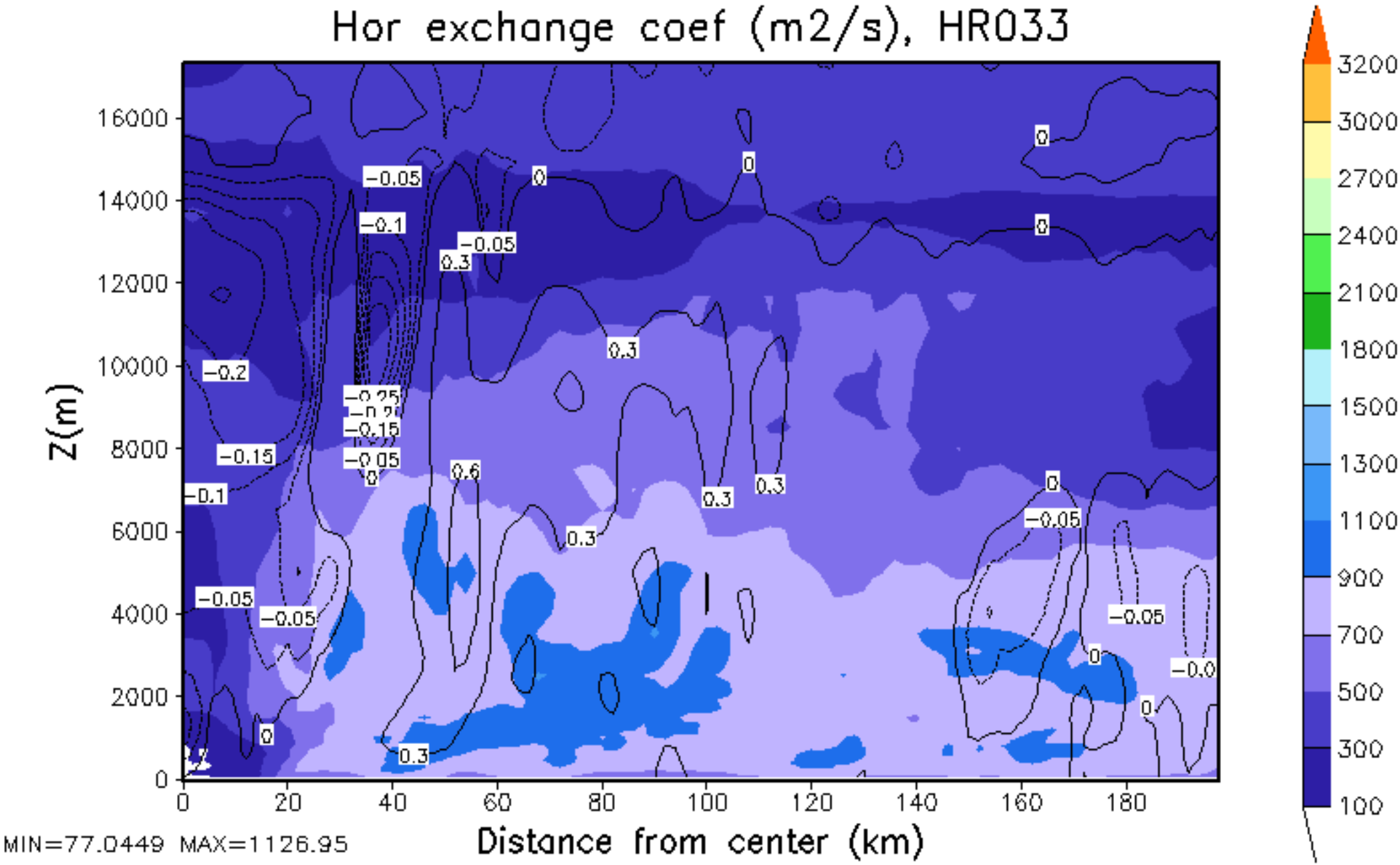
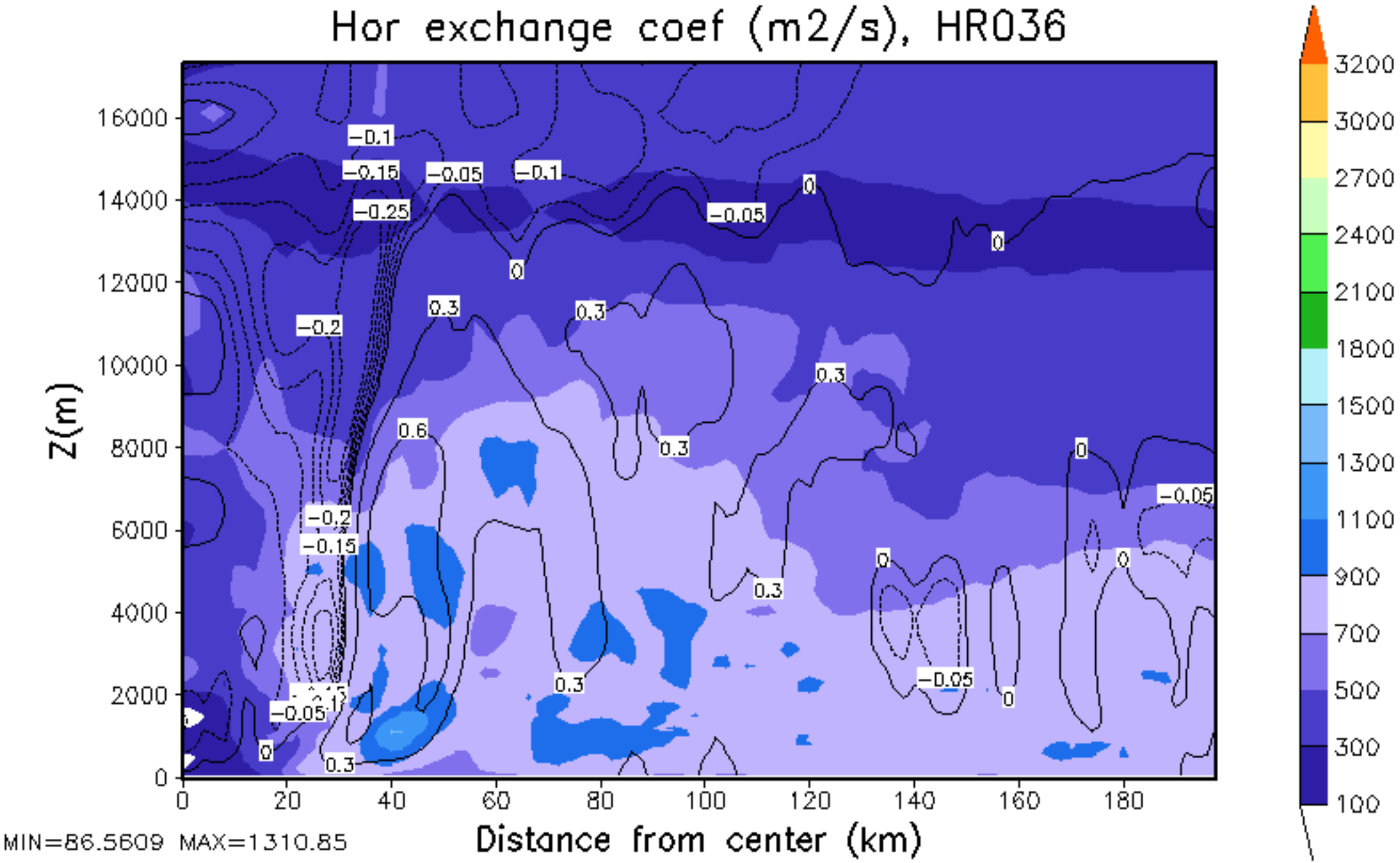
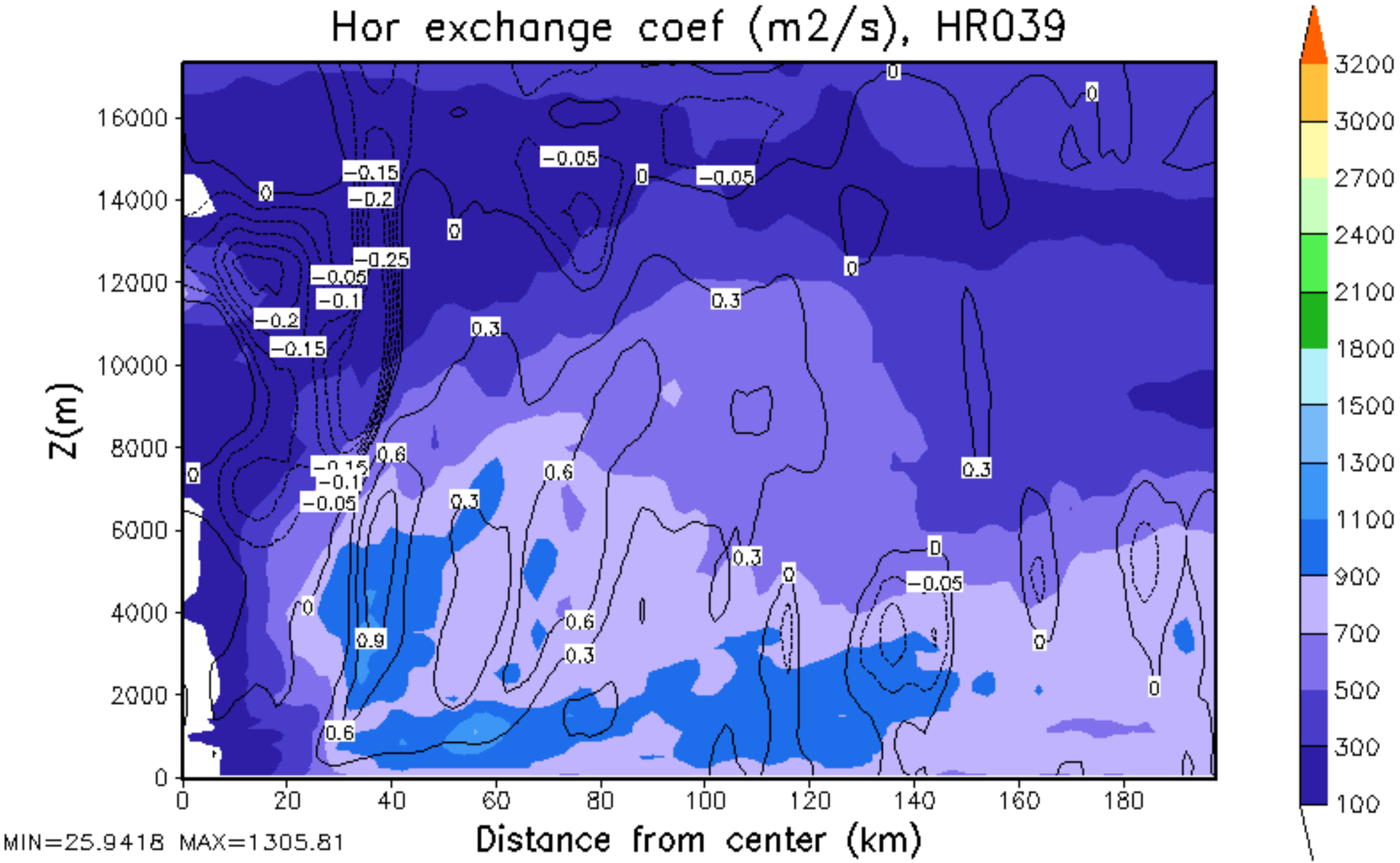
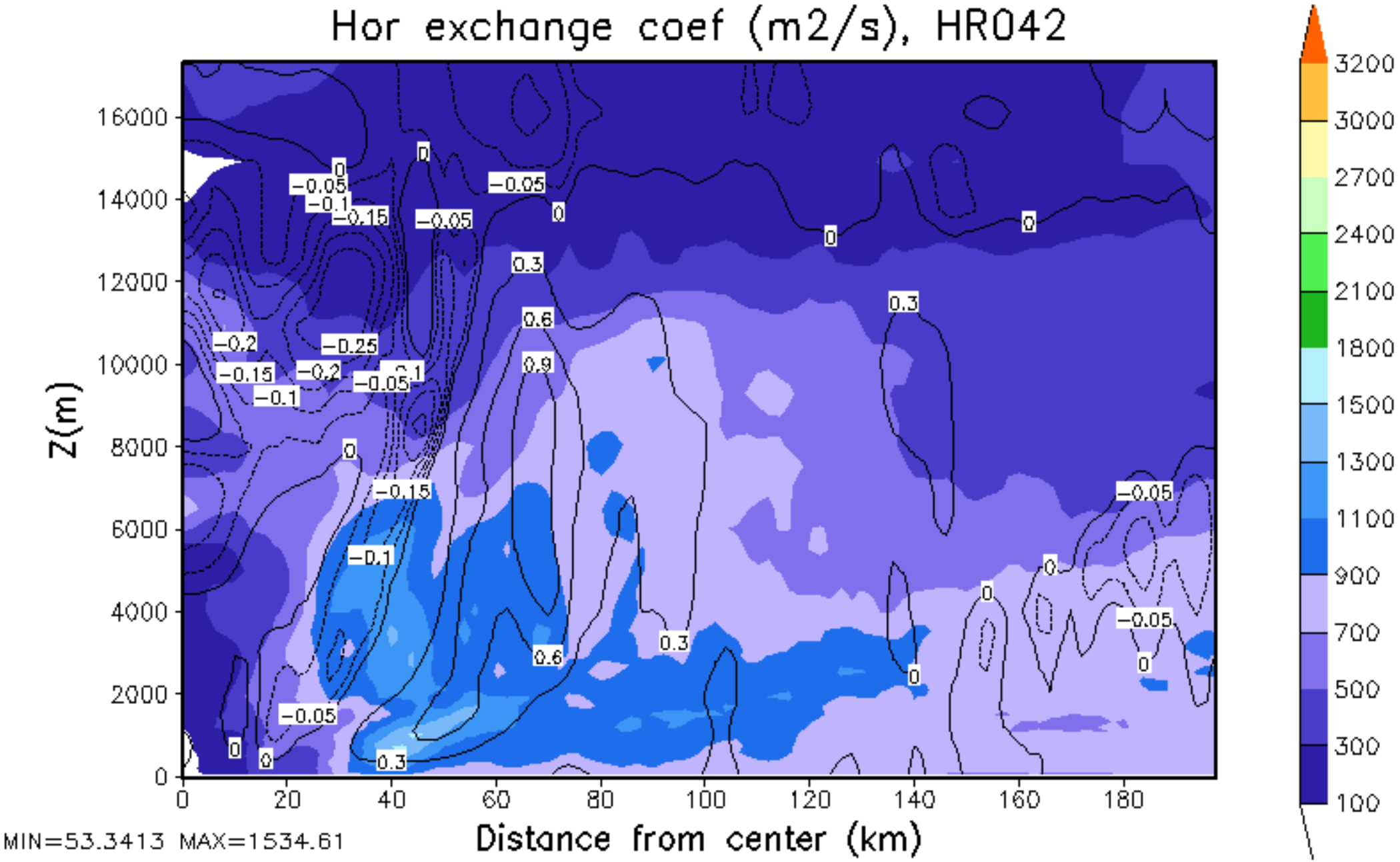
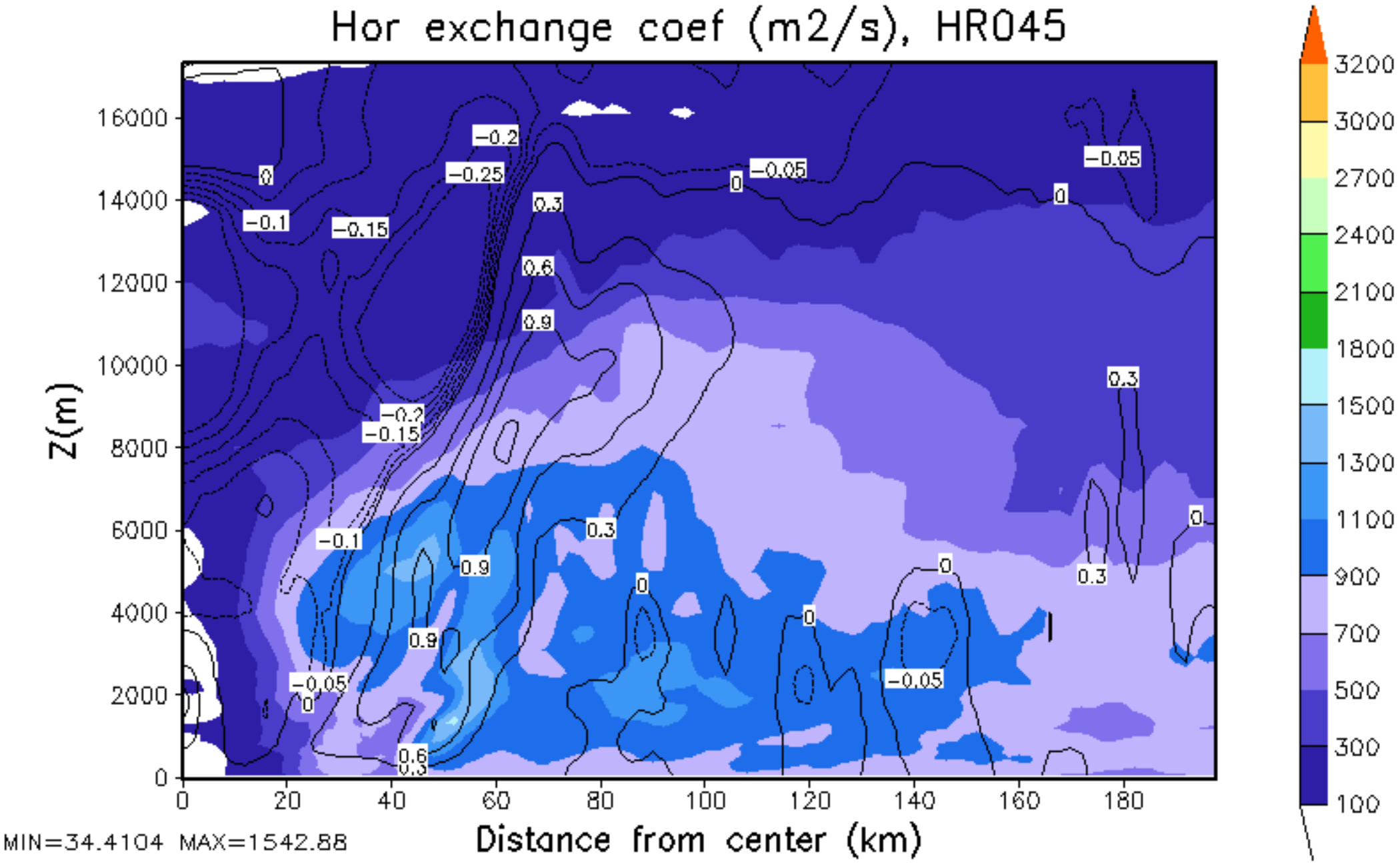

Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=116.035 MAX=1091.78
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.05
−0.1
−0.15
0
0.3

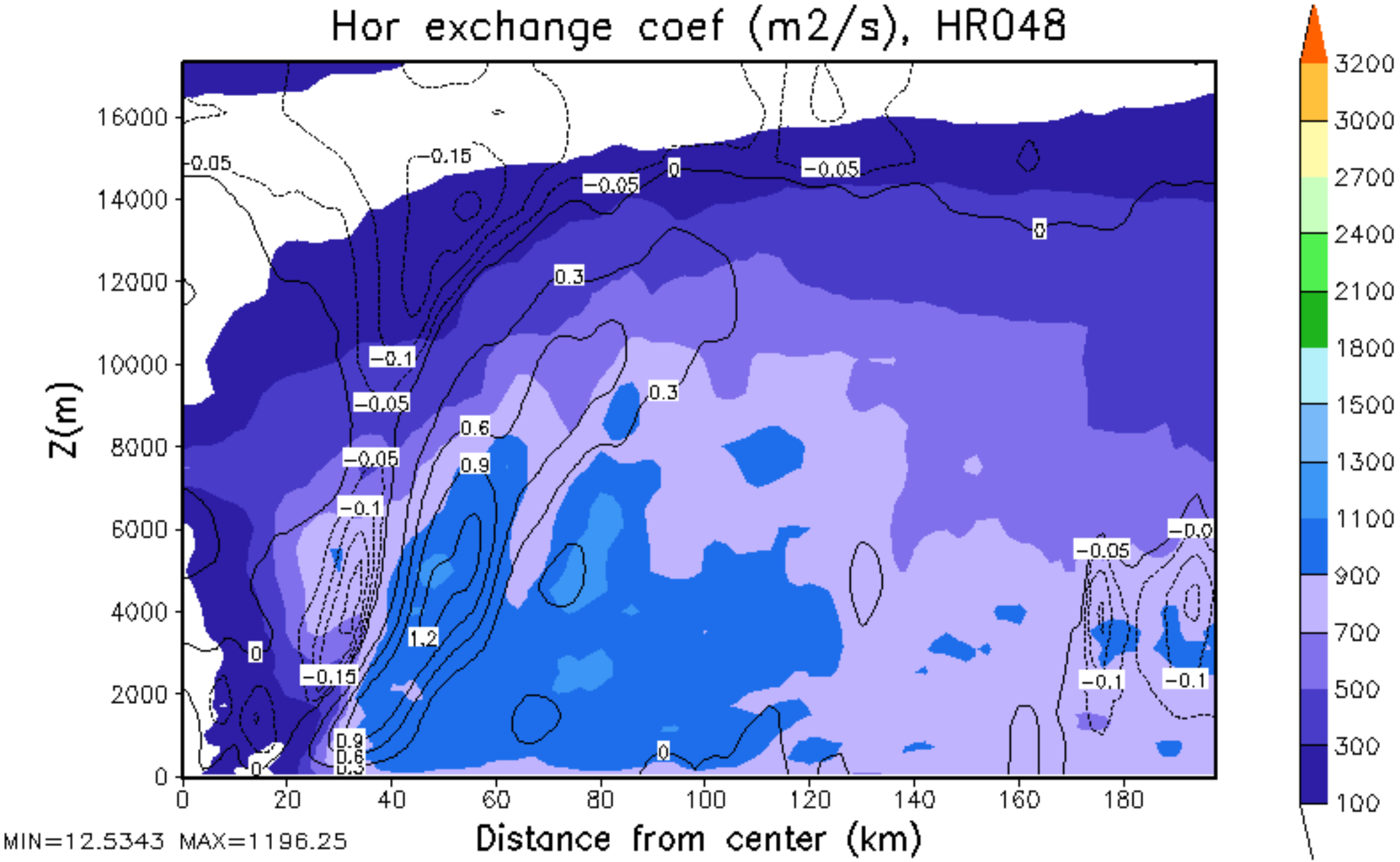

Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=77.0449 MAX=1126.95
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

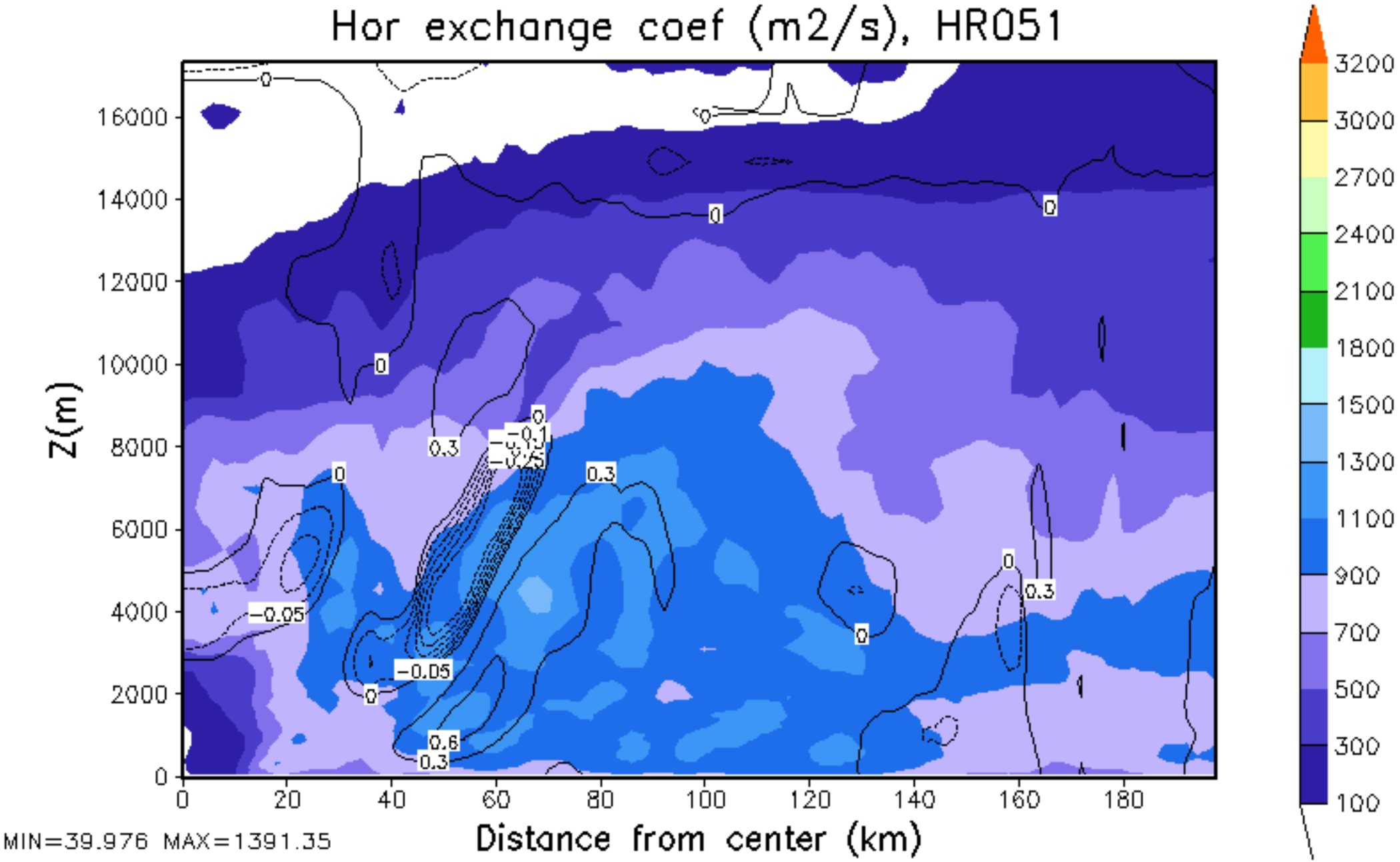

Hor exchange coef (m2/s), HR036
Z(m)
Distance from center (km)
MIN=86.5609 MAX=1310.85
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

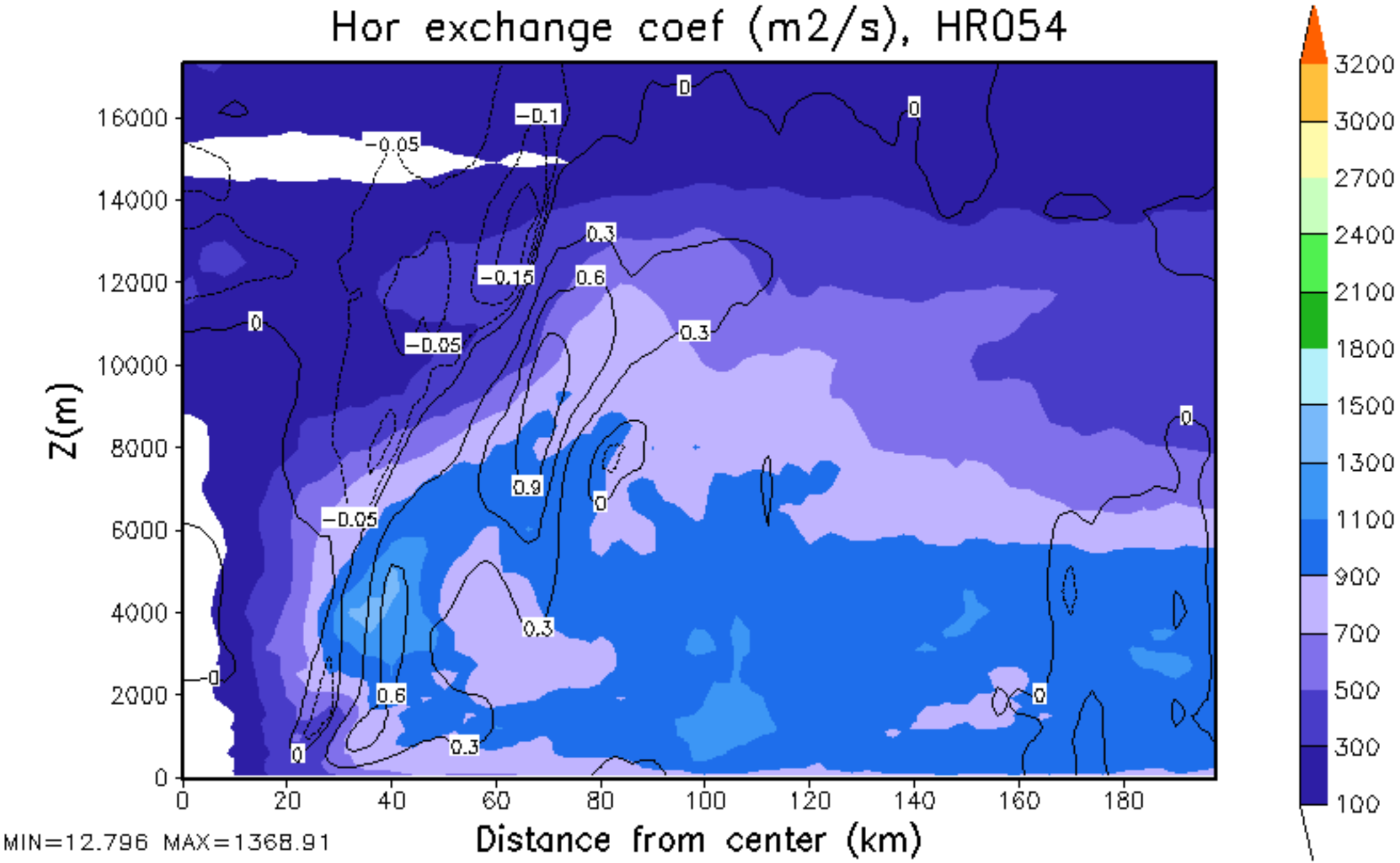

Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=25.9418 MAX=1305.81
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

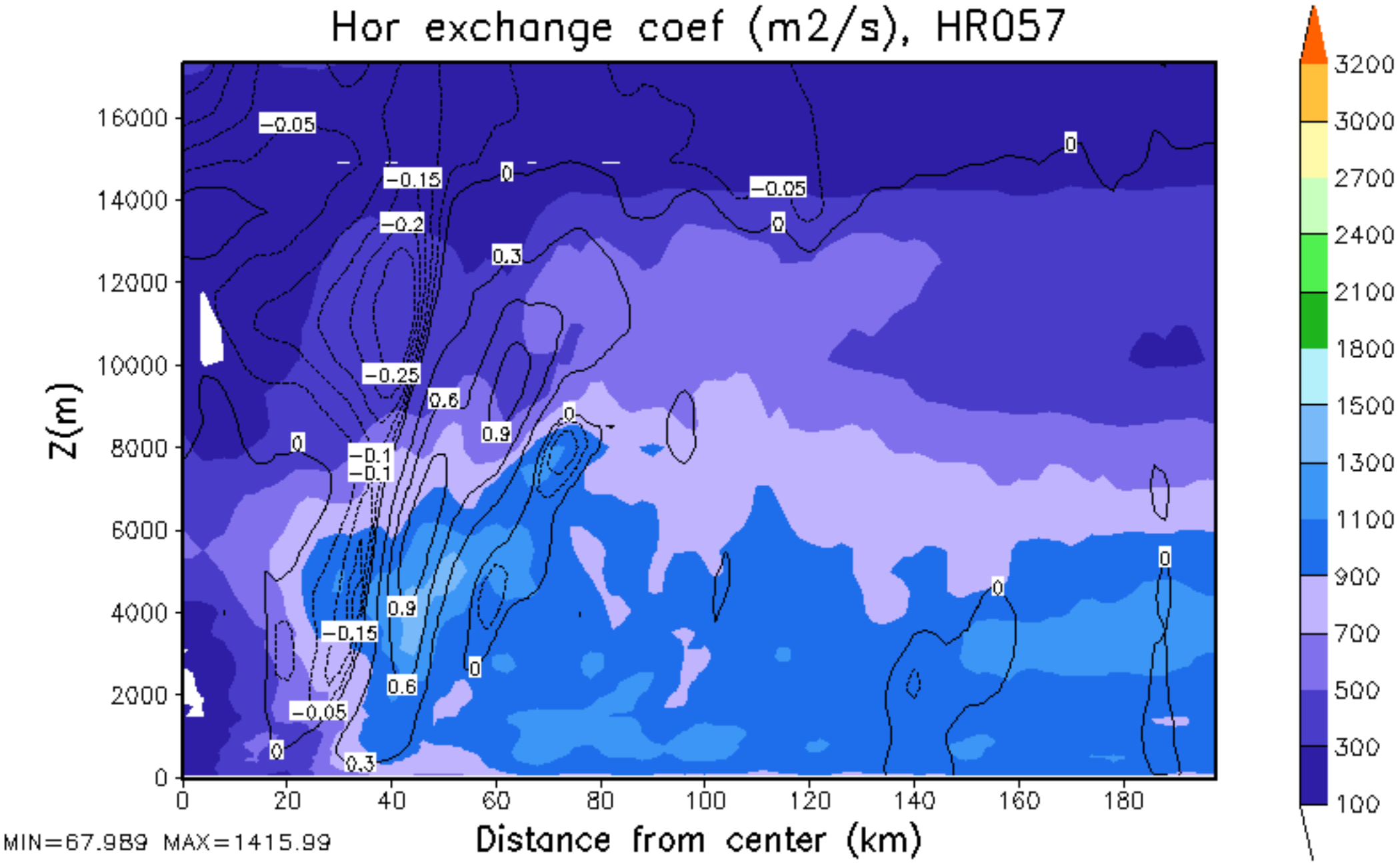

Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=53.3413 MAX=1534.61
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

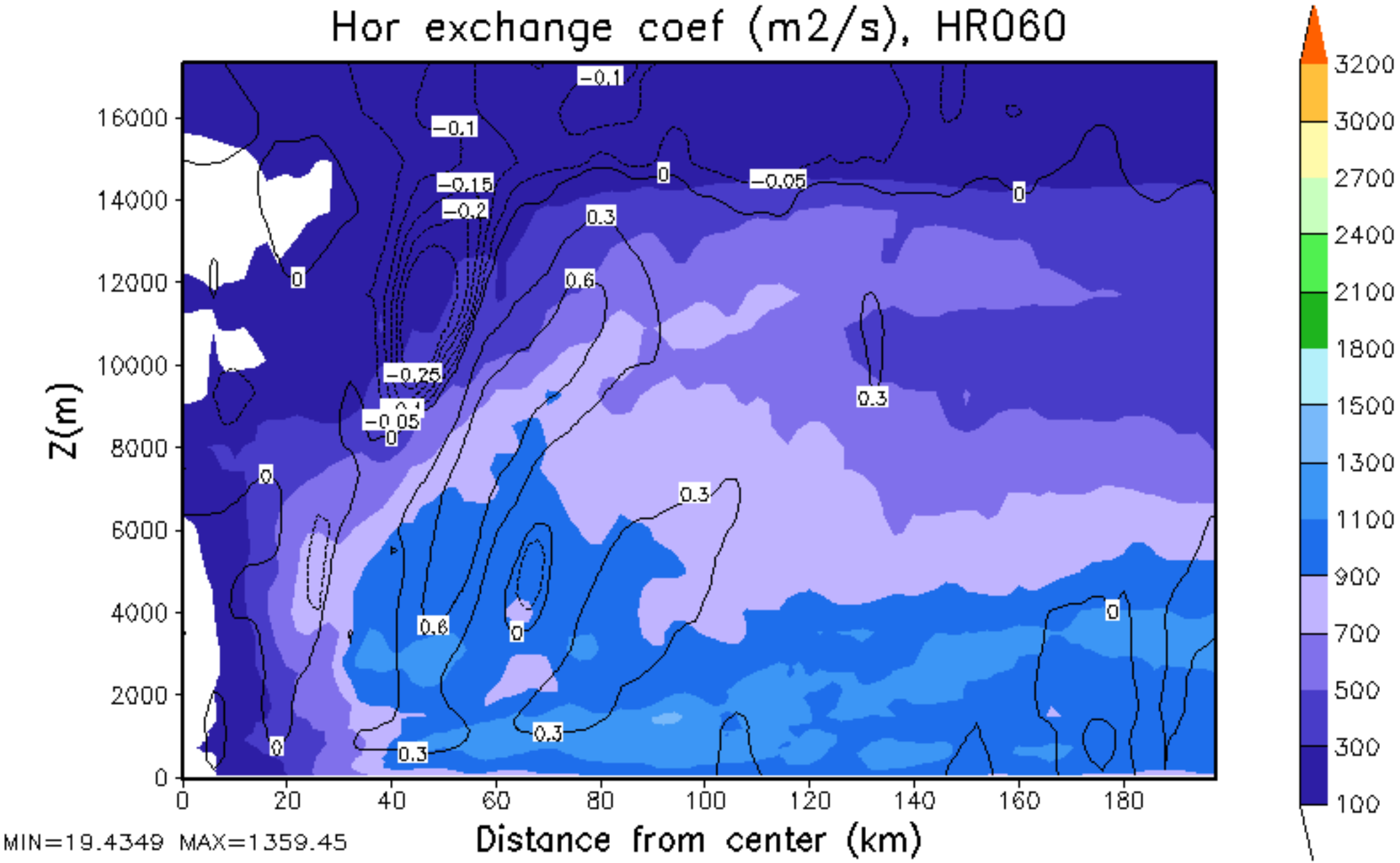

Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=34.4104 MAX=1542.88
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

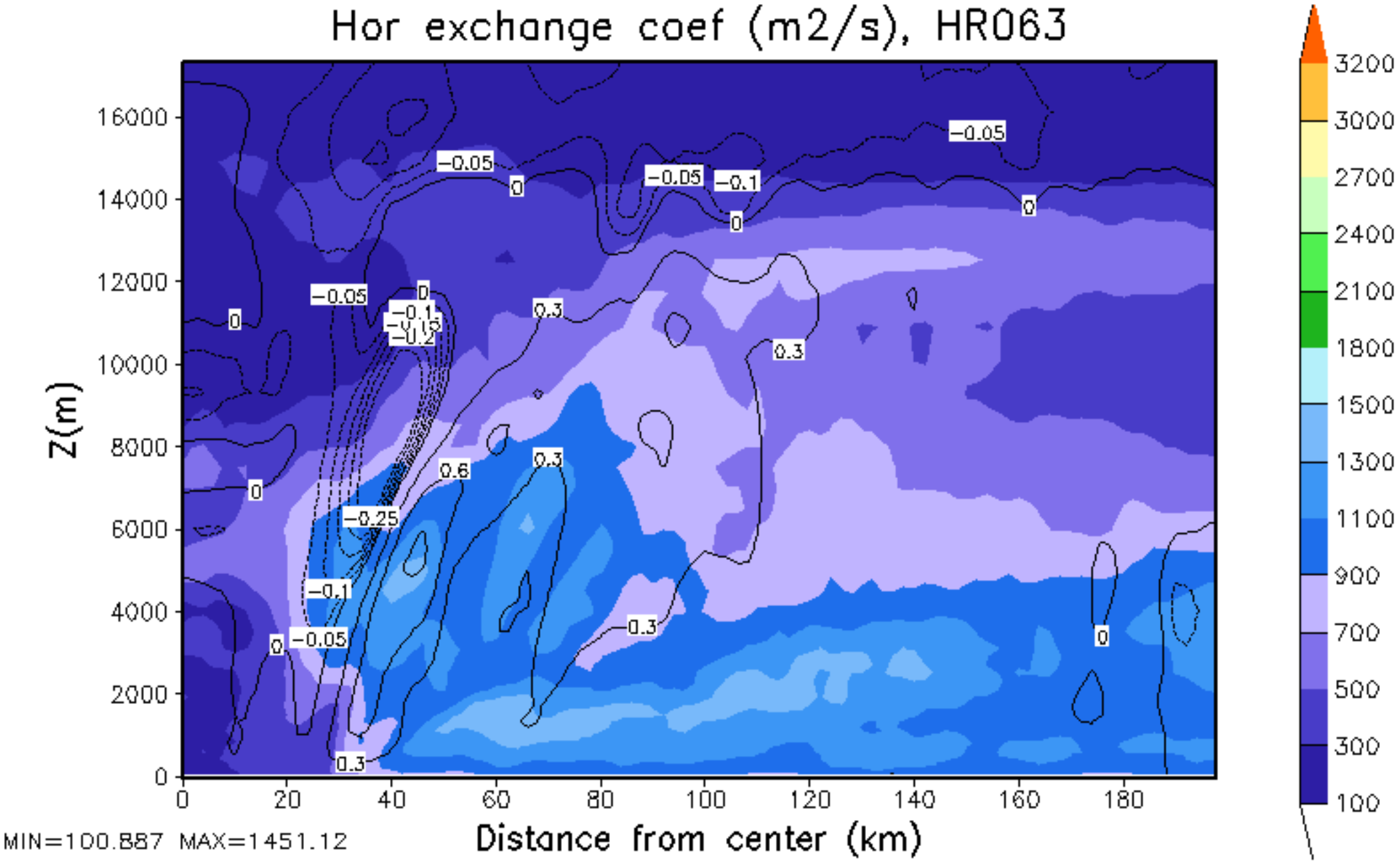

Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=12.5343 MAX=1196.25
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

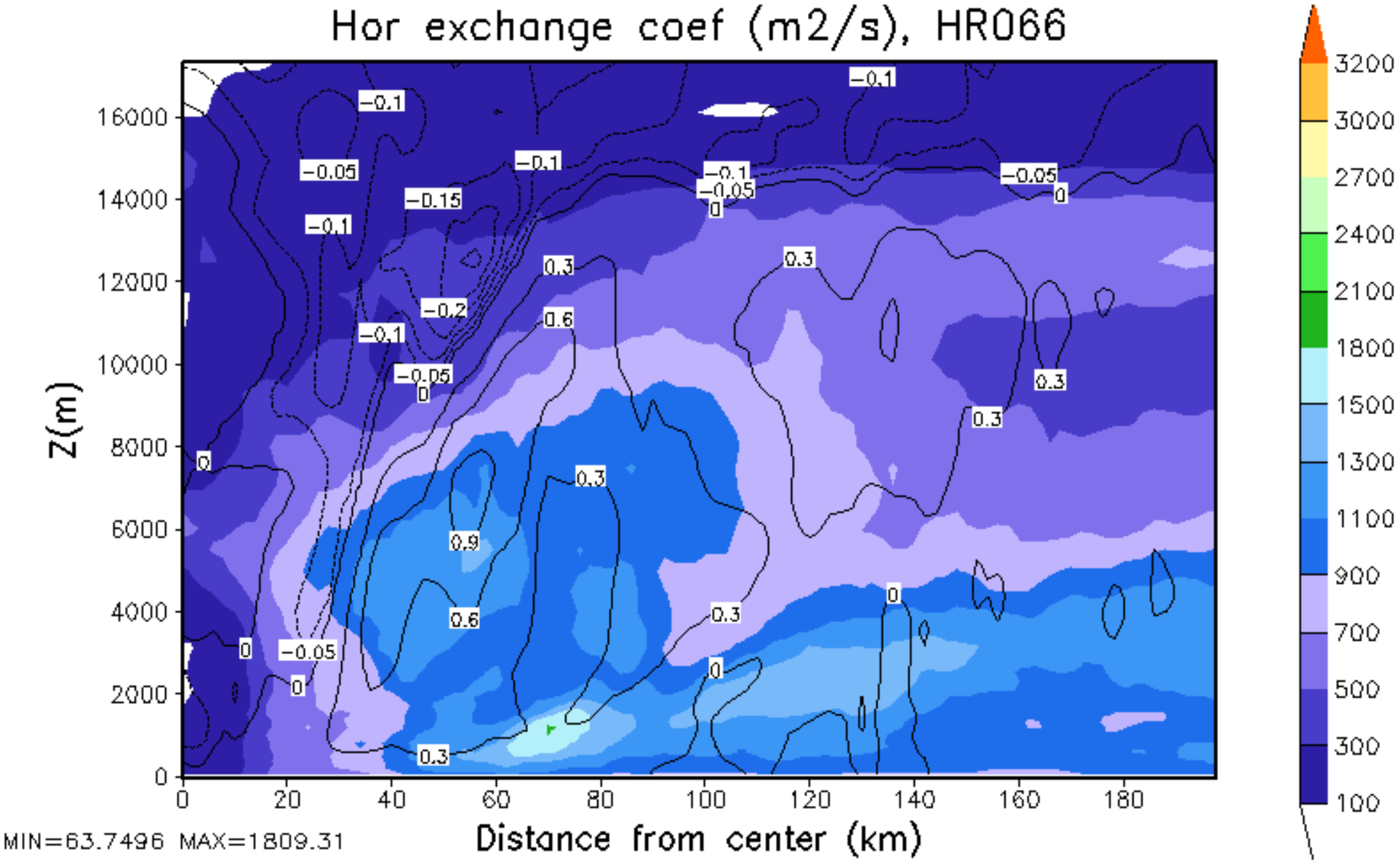

Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=39.976 MAX=1391.35
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
0.3
-0.1
-0.05
0.6

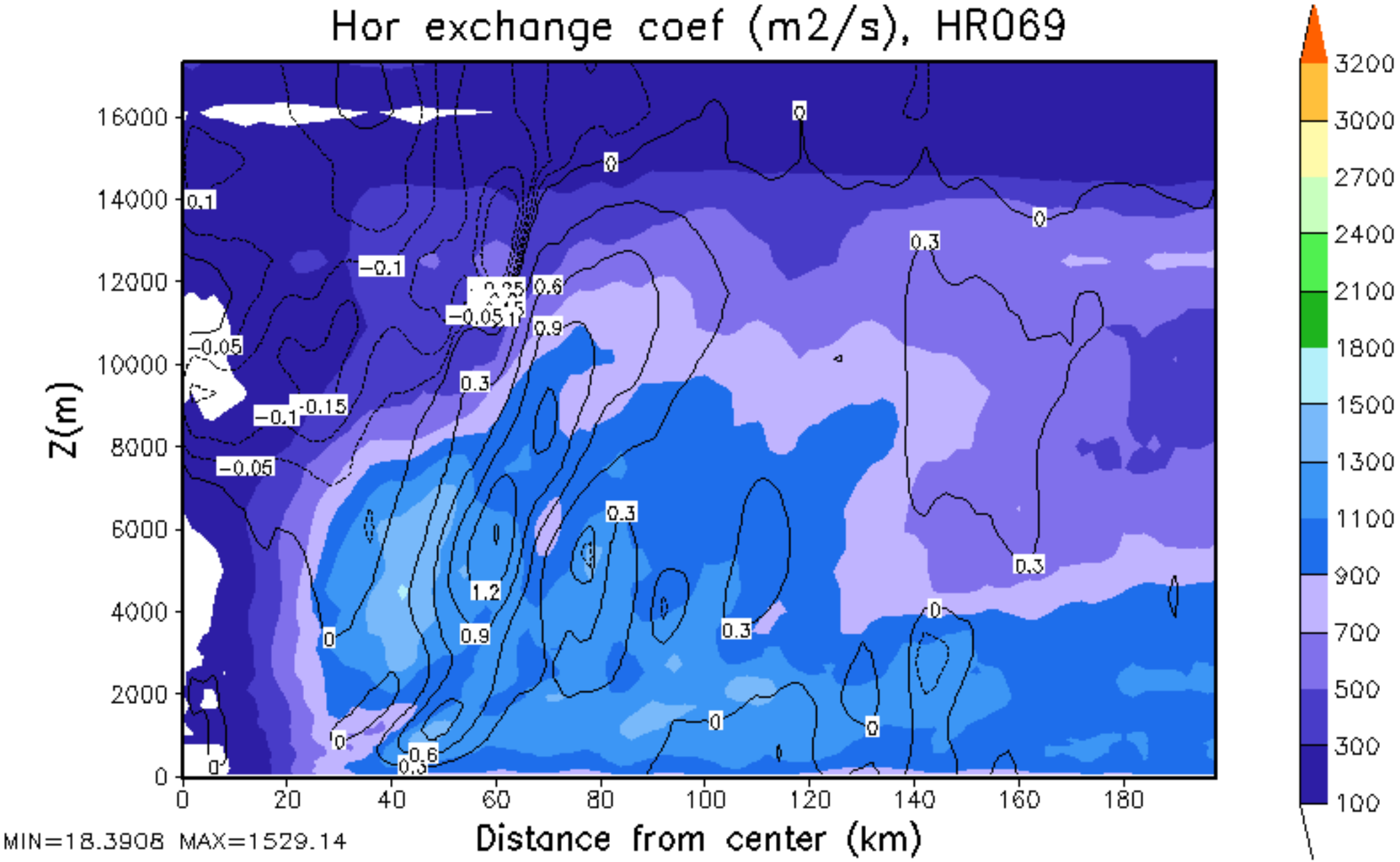

Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=12.796 MAX=1368.91
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
-0.15
0.3
0.6
0.9

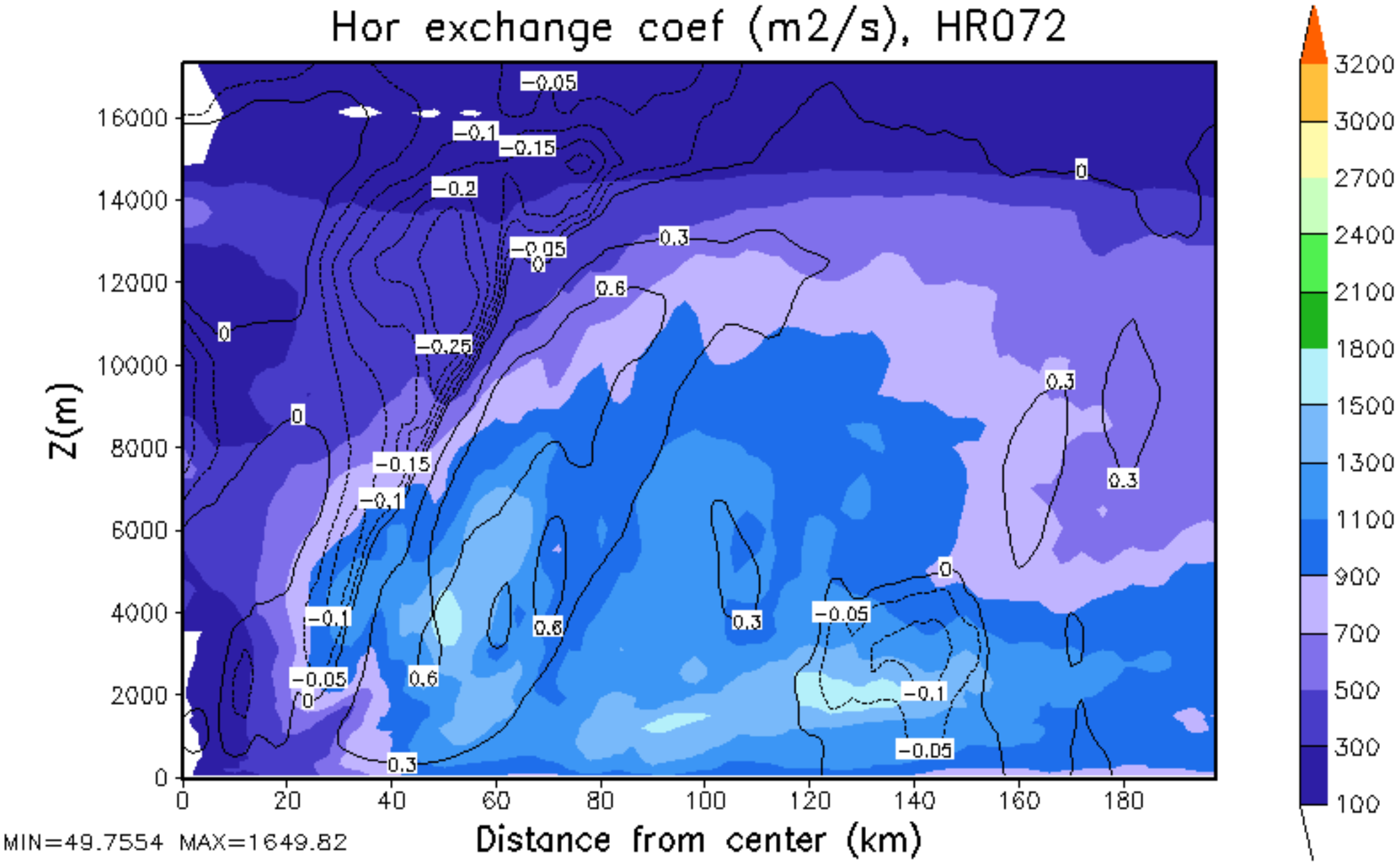

Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=67.989 MAX=1415.99
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.15
-0.2
-0.25
-0.1
0.3
0.6
0.9

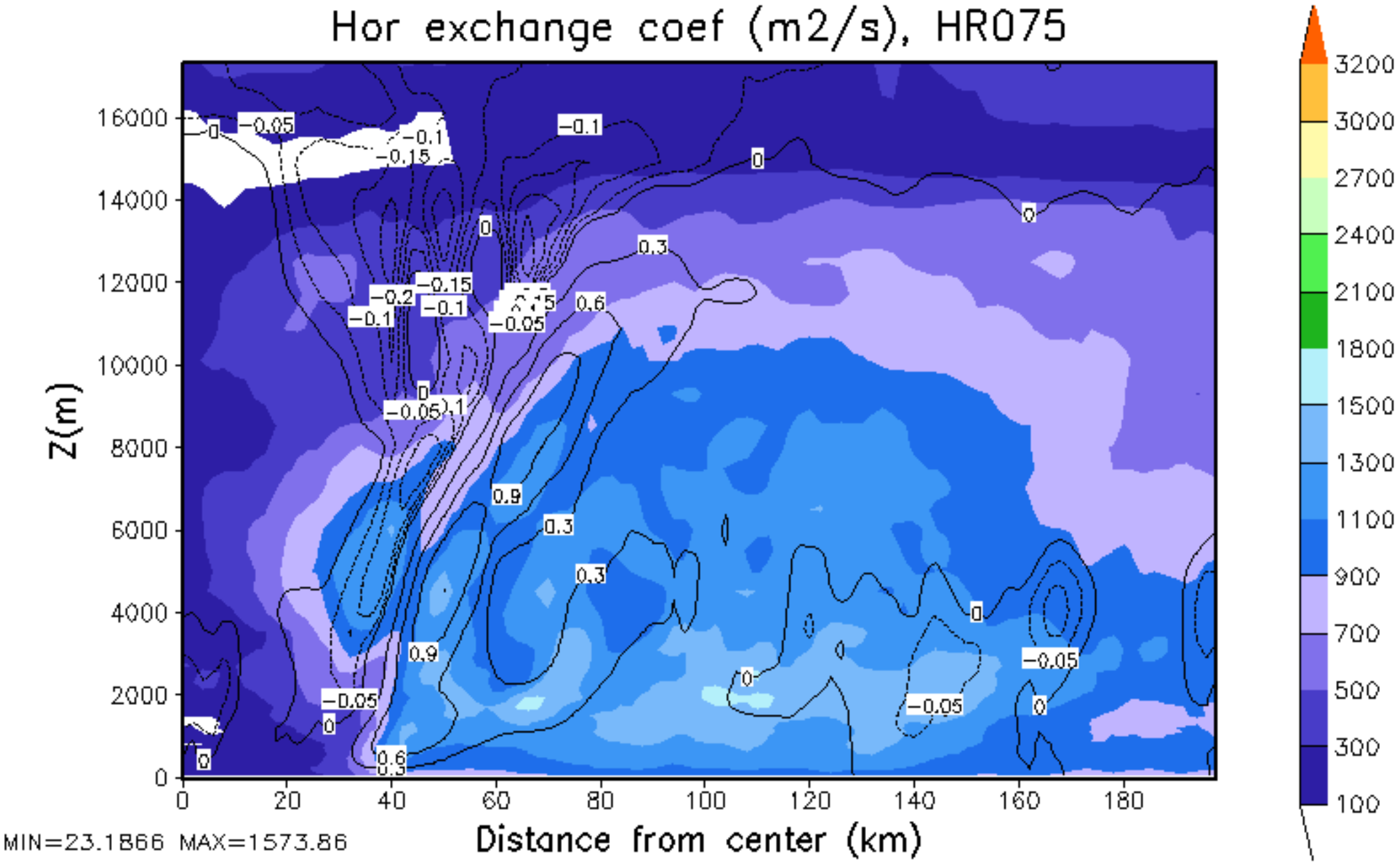

Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=19.4349 MAX=1359.45
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.15
-0.2
-0.25
-0.05
0
0.3
0.6

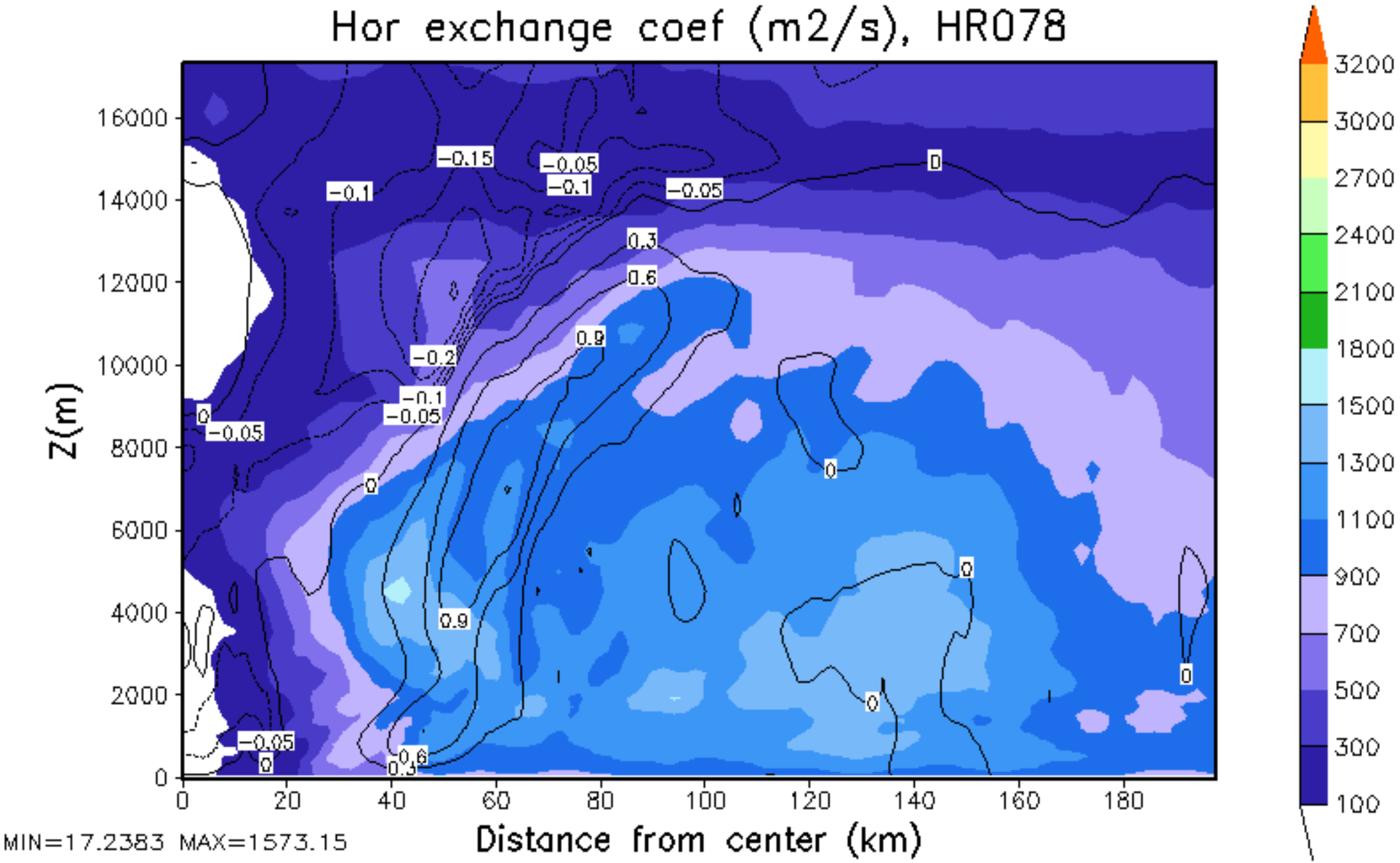

Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=100.887 MAX=1451.12
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
0
-0.1
-0.2
-0.25
0.3
0.6

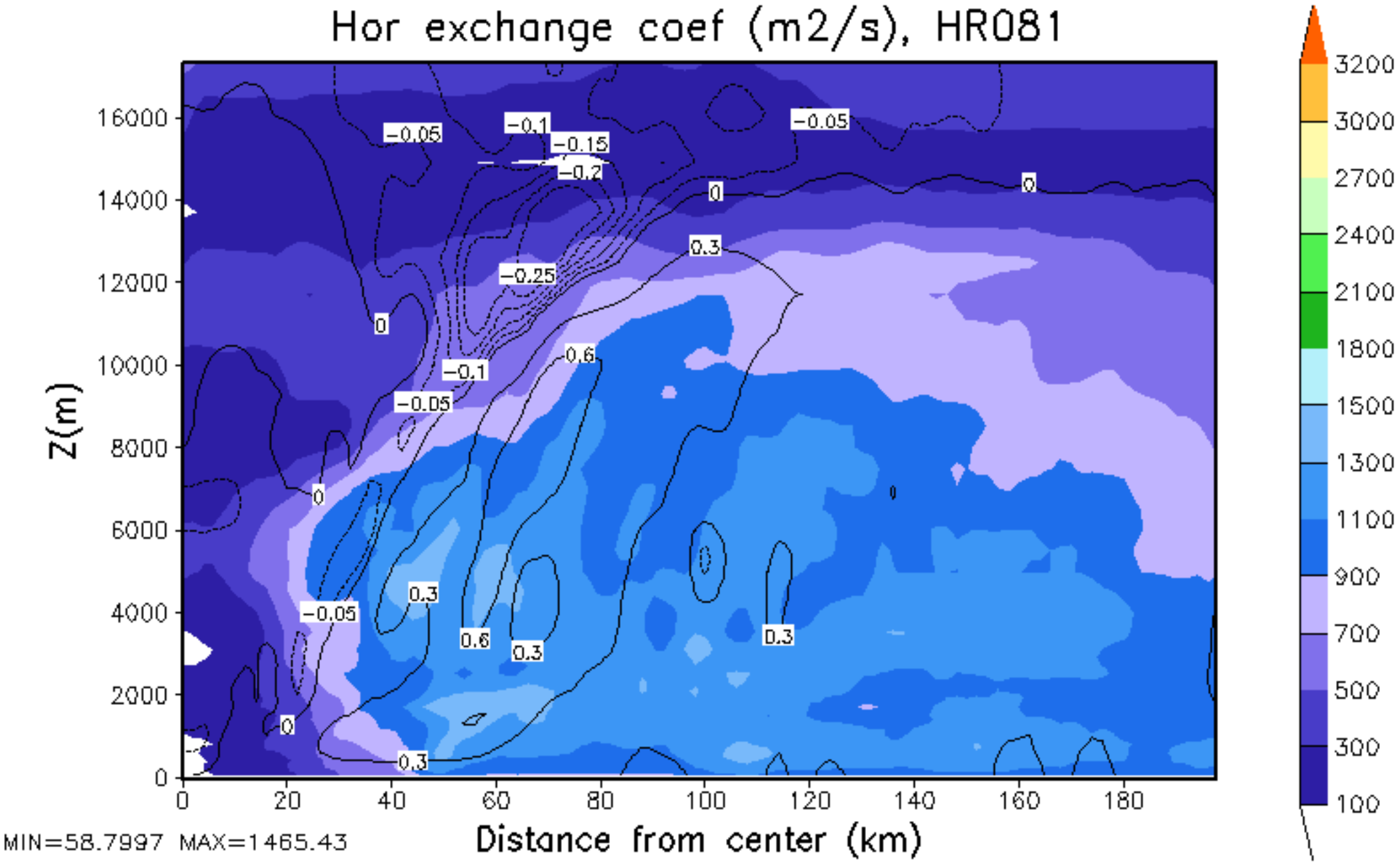

Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=63.7496 MAX=1809.31
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

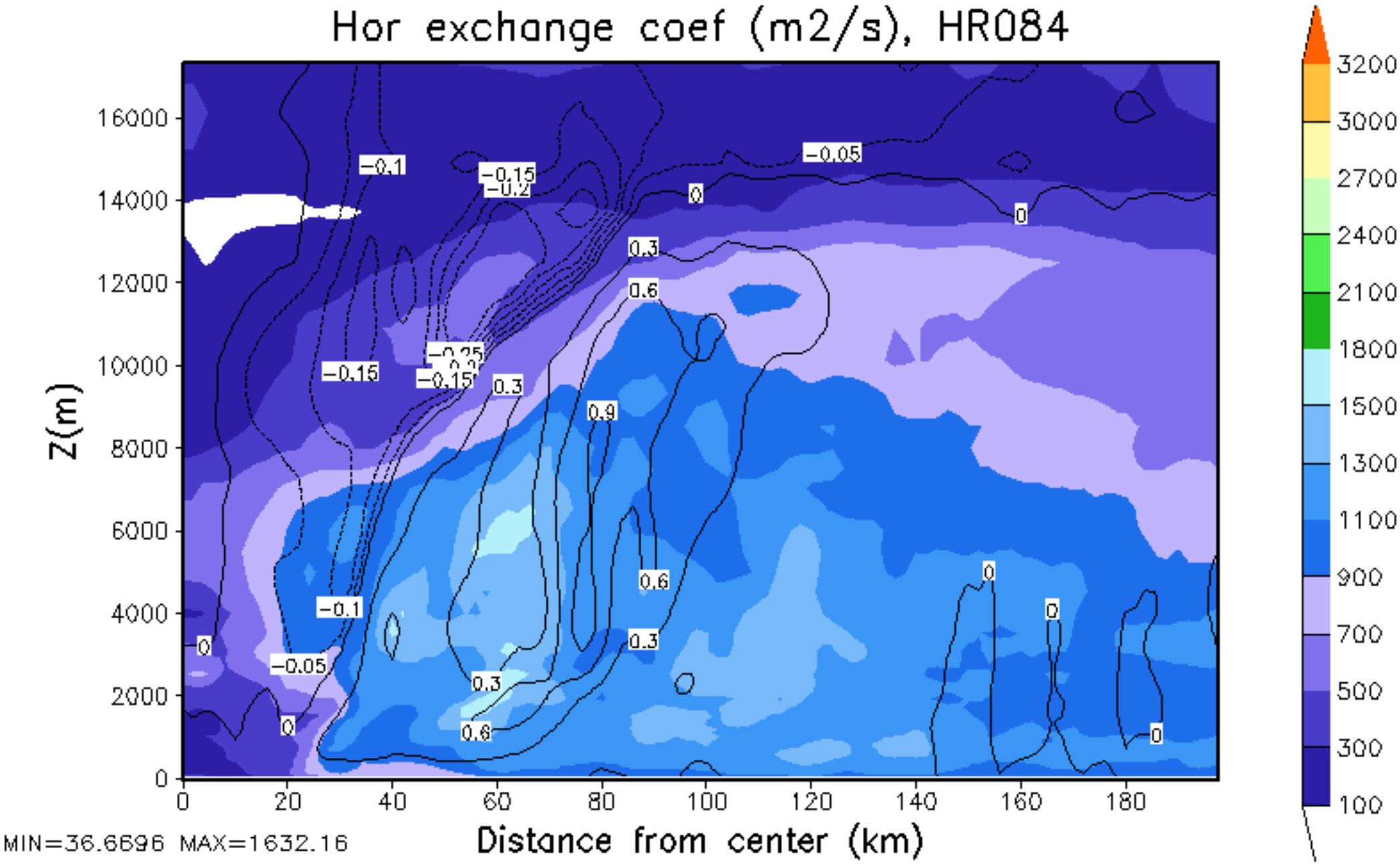

Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=18.3908 MAX=1529.14
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

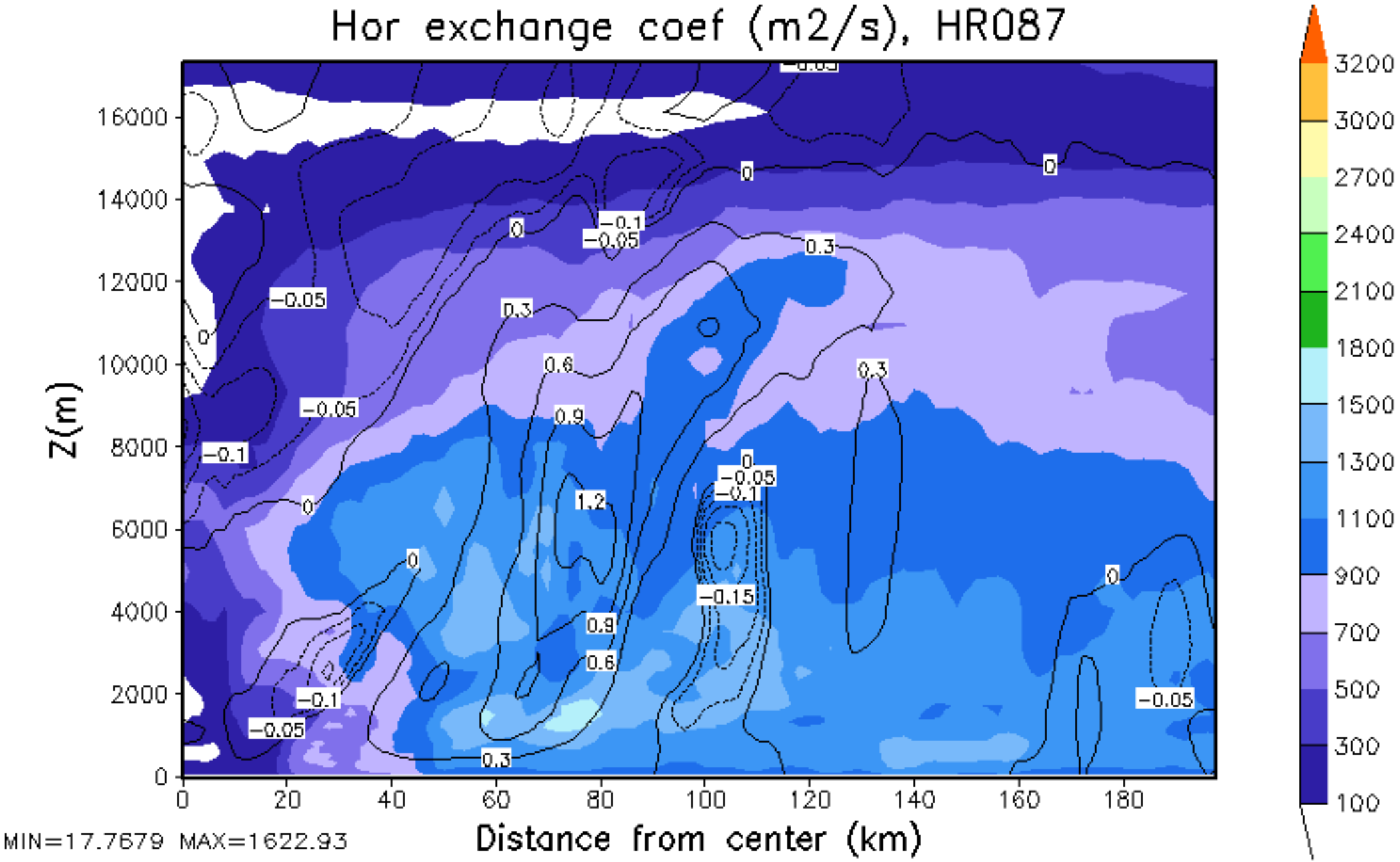

Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=49.7554 MAX=1649.82
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

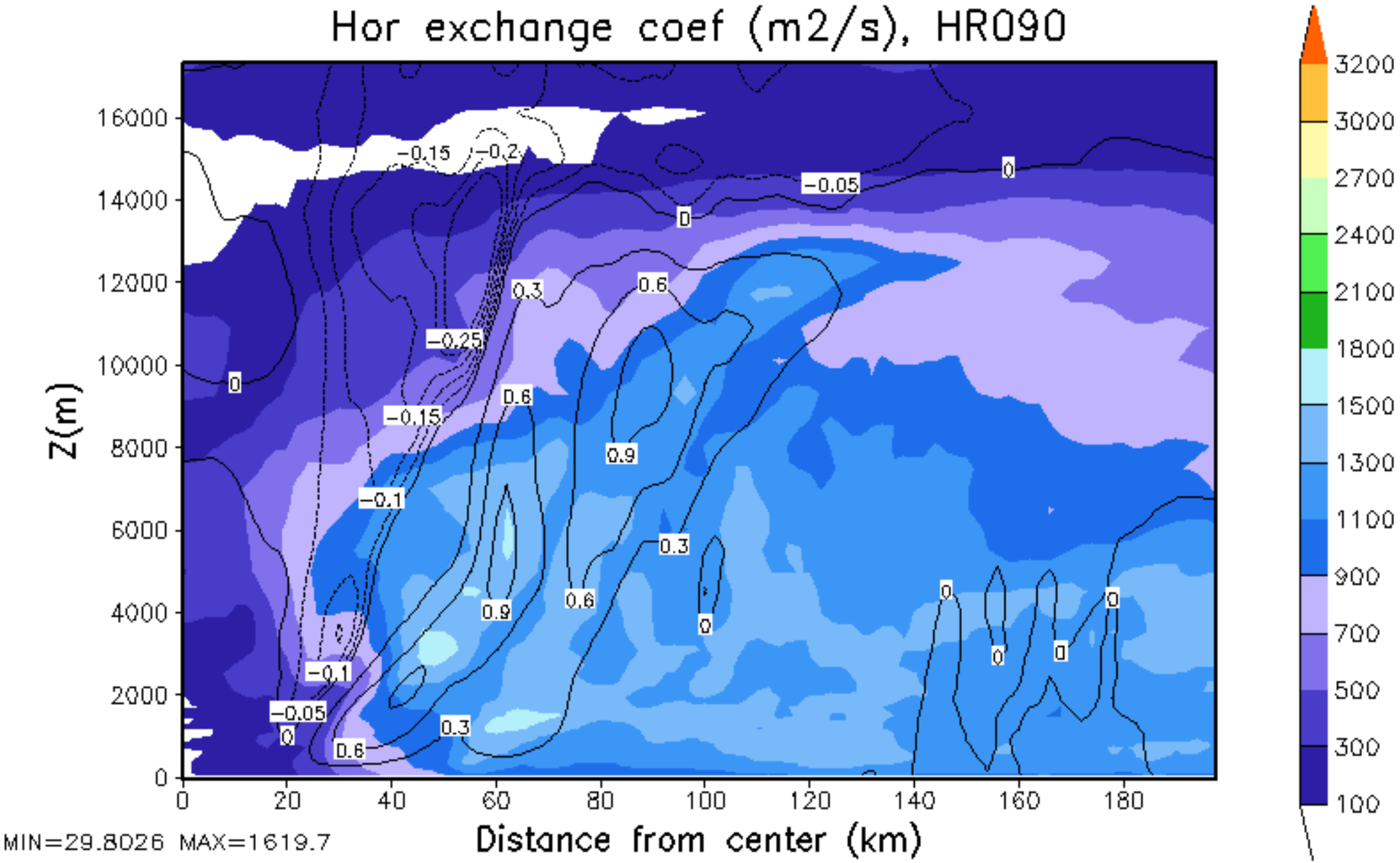

Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=23.1866 MAX=1573.86
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

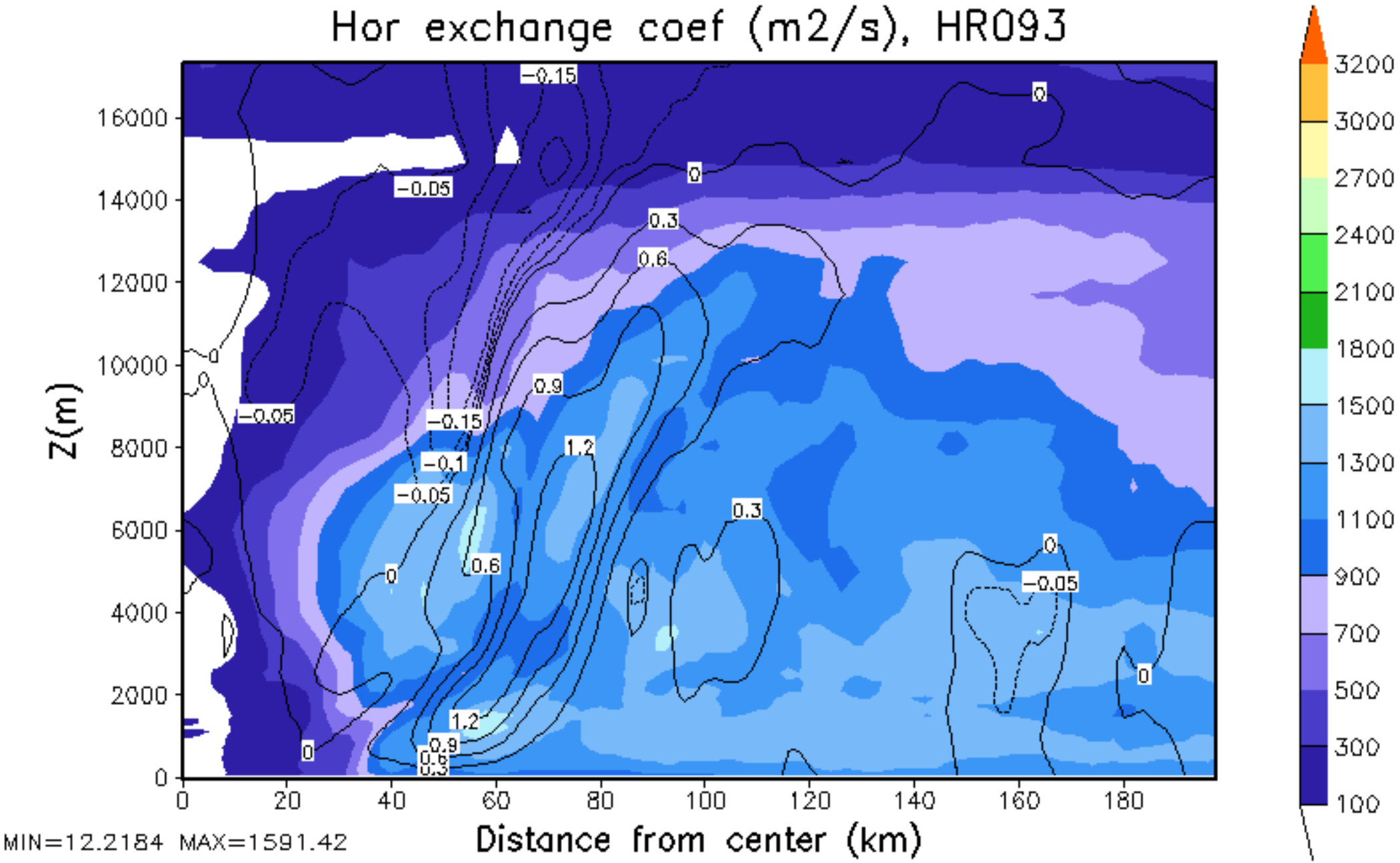

Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=17.2383 MAX=1573.15
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

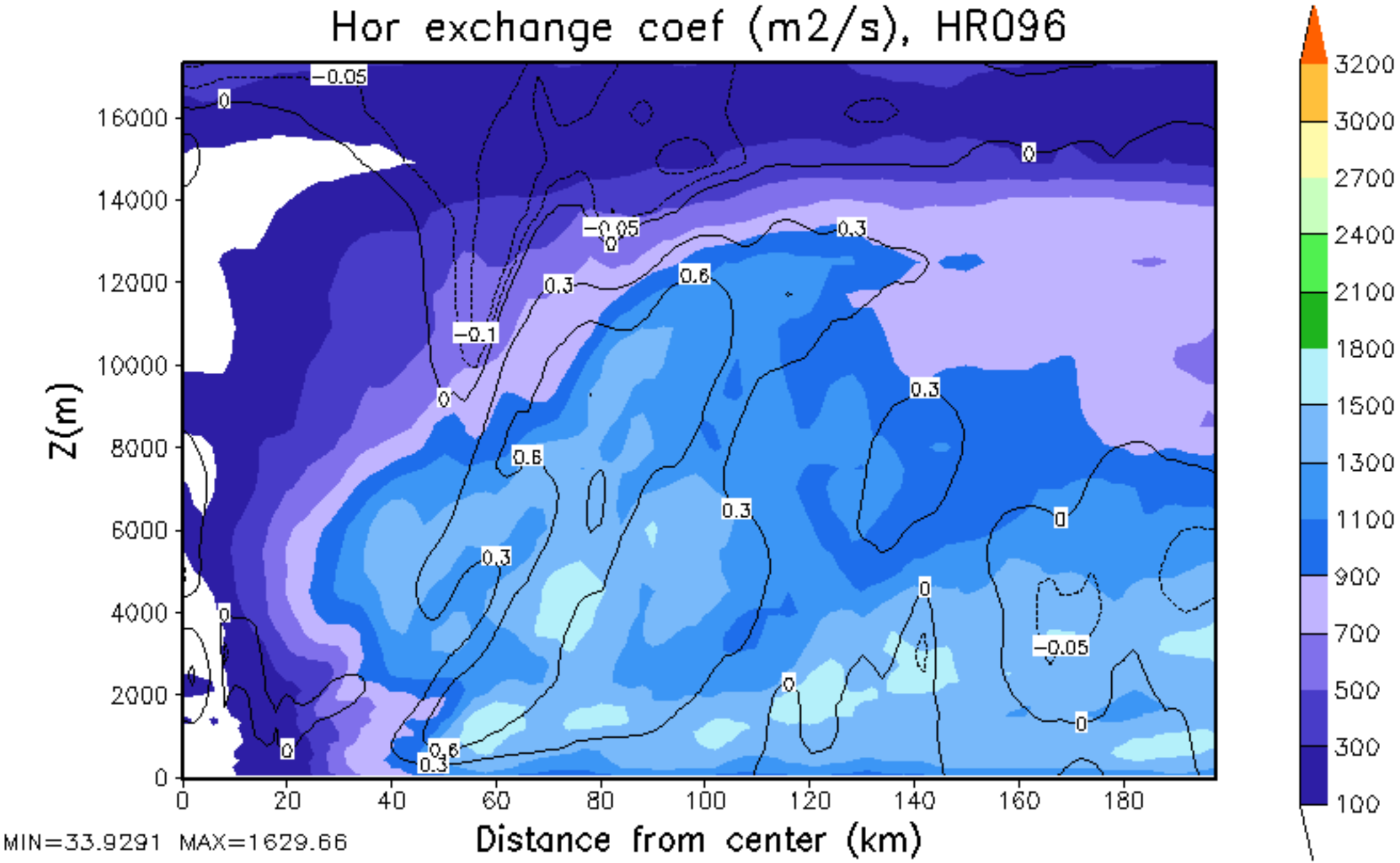

Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=58.7997 MAX=1465.43
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.1
-0.15
-0.2
-0.25
0
0.3
0.6

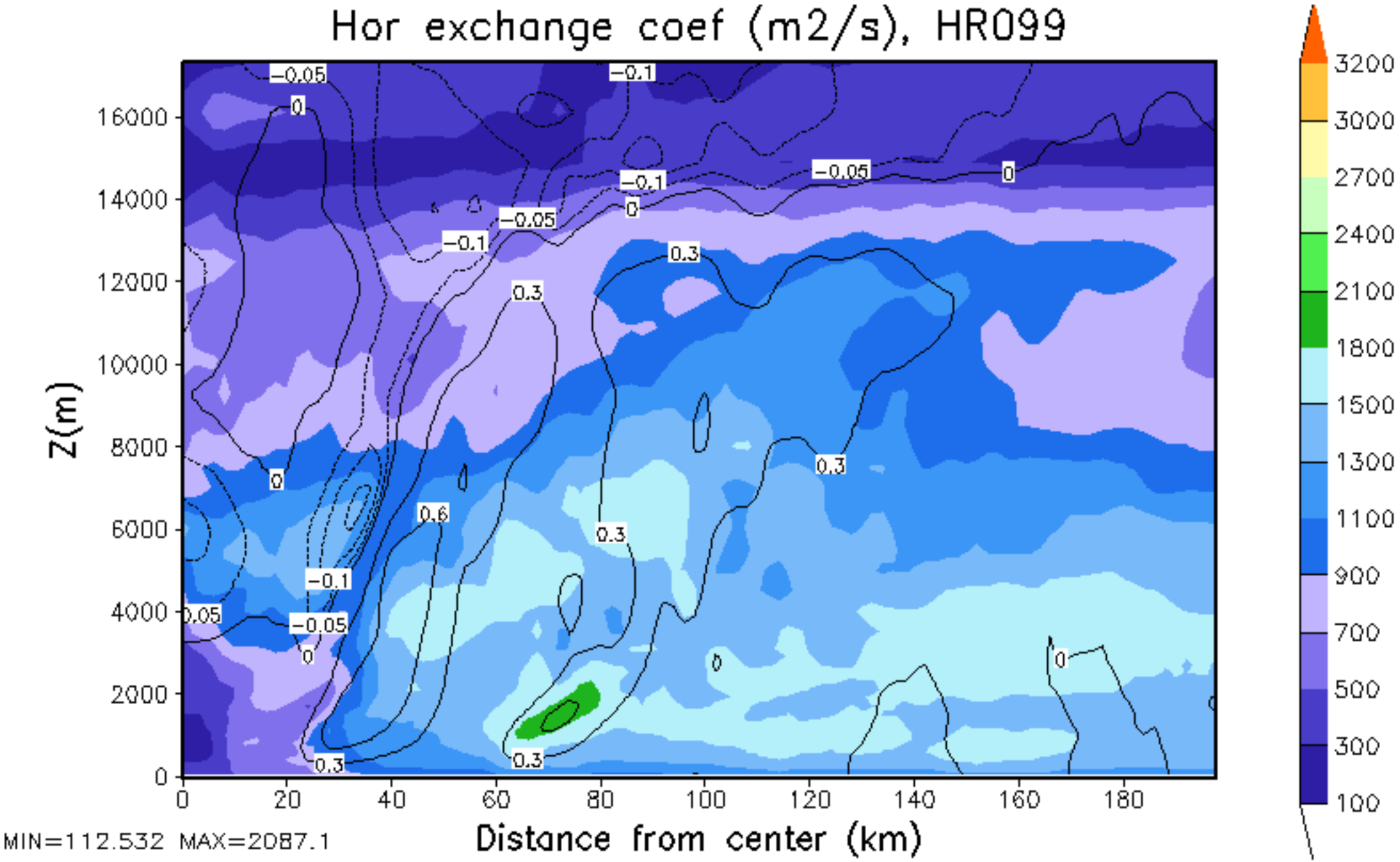

Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=36.6696 MAX=1632.16
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.15
-0.2
-0.05
0
0.3
0.6
0.9
-0.25

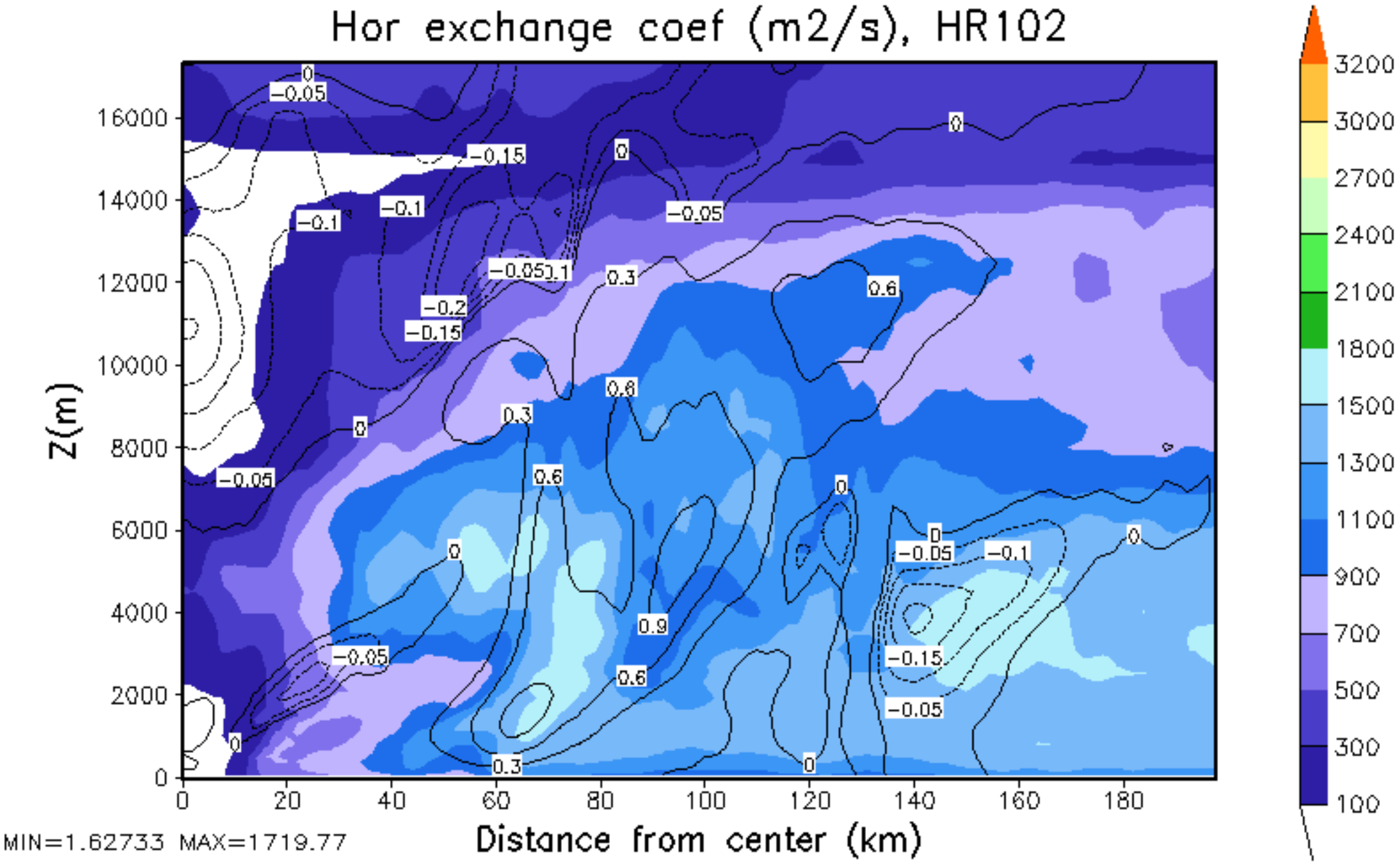

Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=17.7679 MAX=1622.93
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

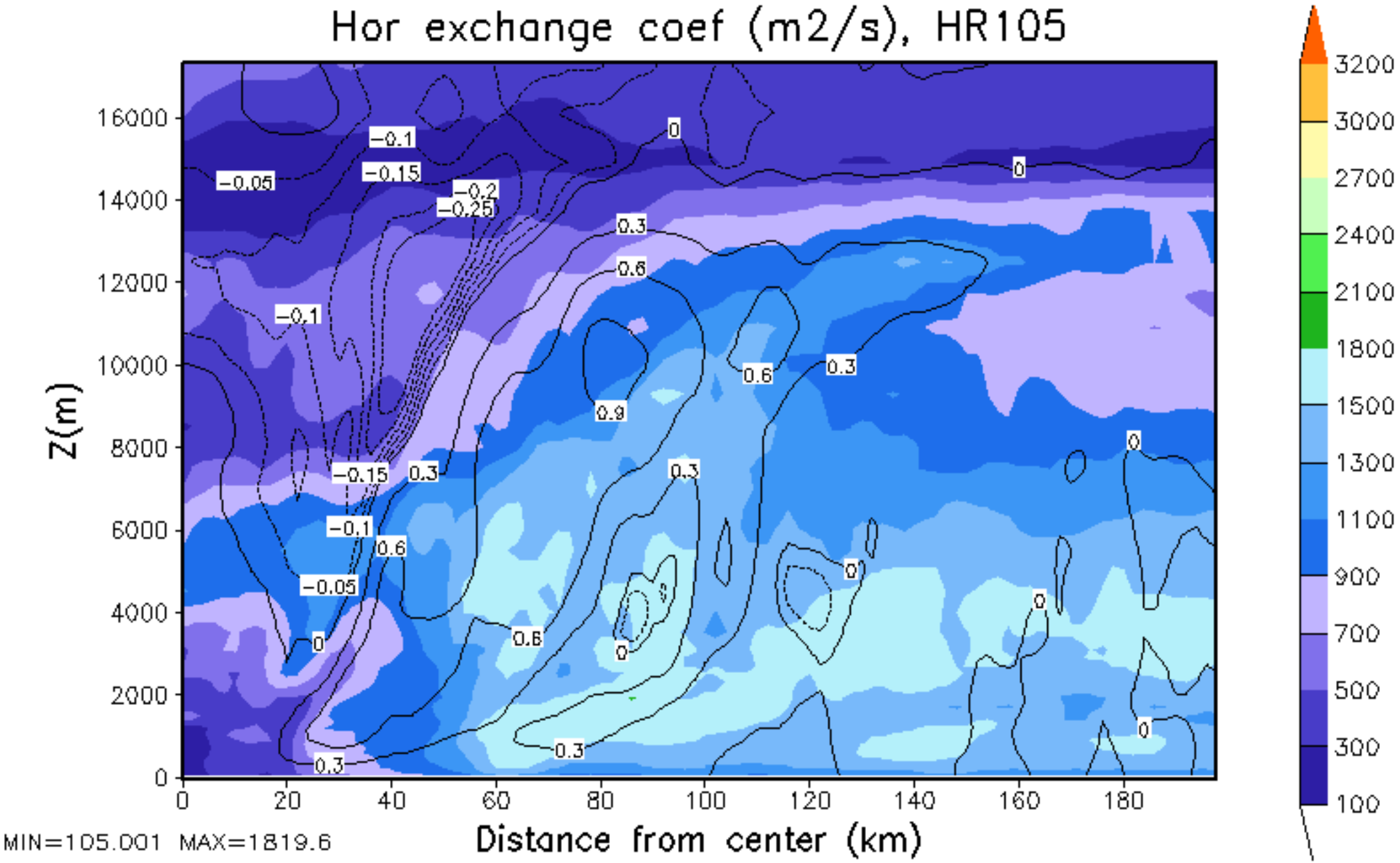

Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=29.8026 MAX=1619.7
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.15
-0.2
-0.05
0
0.3
0.6
-0.25
-0.15
0.9
-0.1
0.3
0.9
0.6
-0.1
-0.05
0.6
0.3

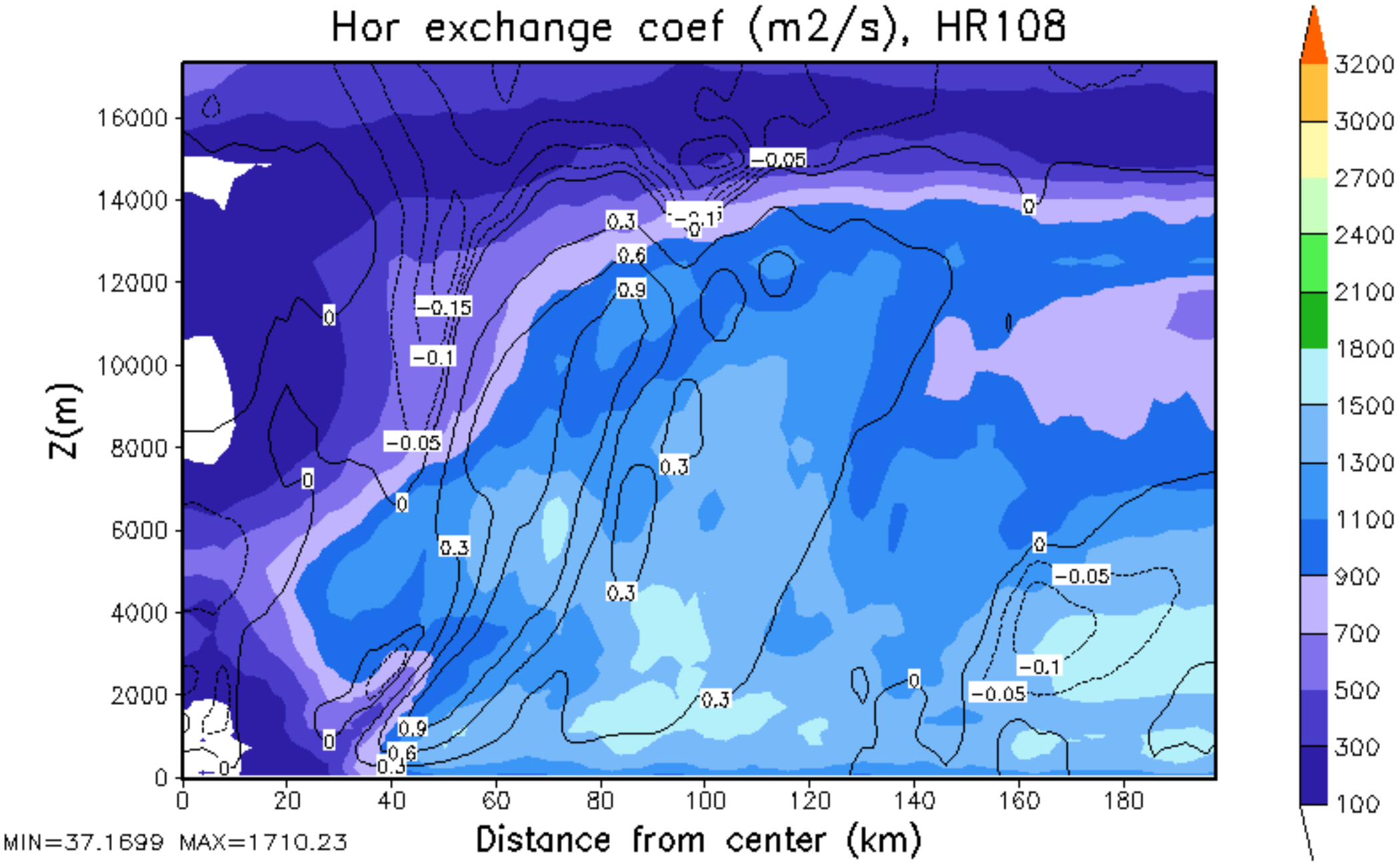

Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=12.2184 MAX=1591.42
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.15
−0.05
0
0.3
0.6
0.9
1.2
−0.1


Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=33.9291 MAX=1629.66
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
-0.05
0
0.3
0.6
-0.1

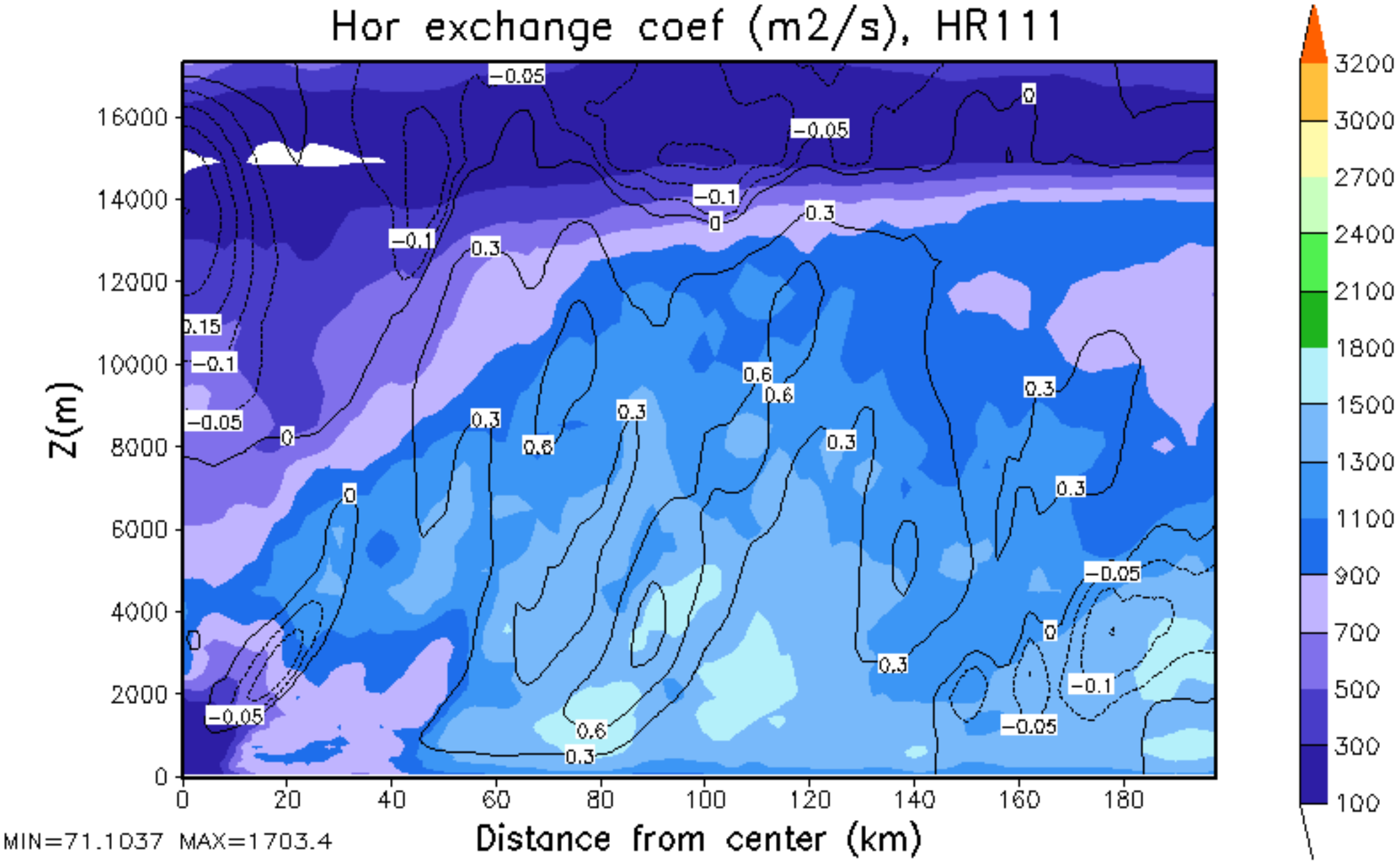

Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=112.532 MAX=2087.1
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.05
−0.1
0
0.3
0.6

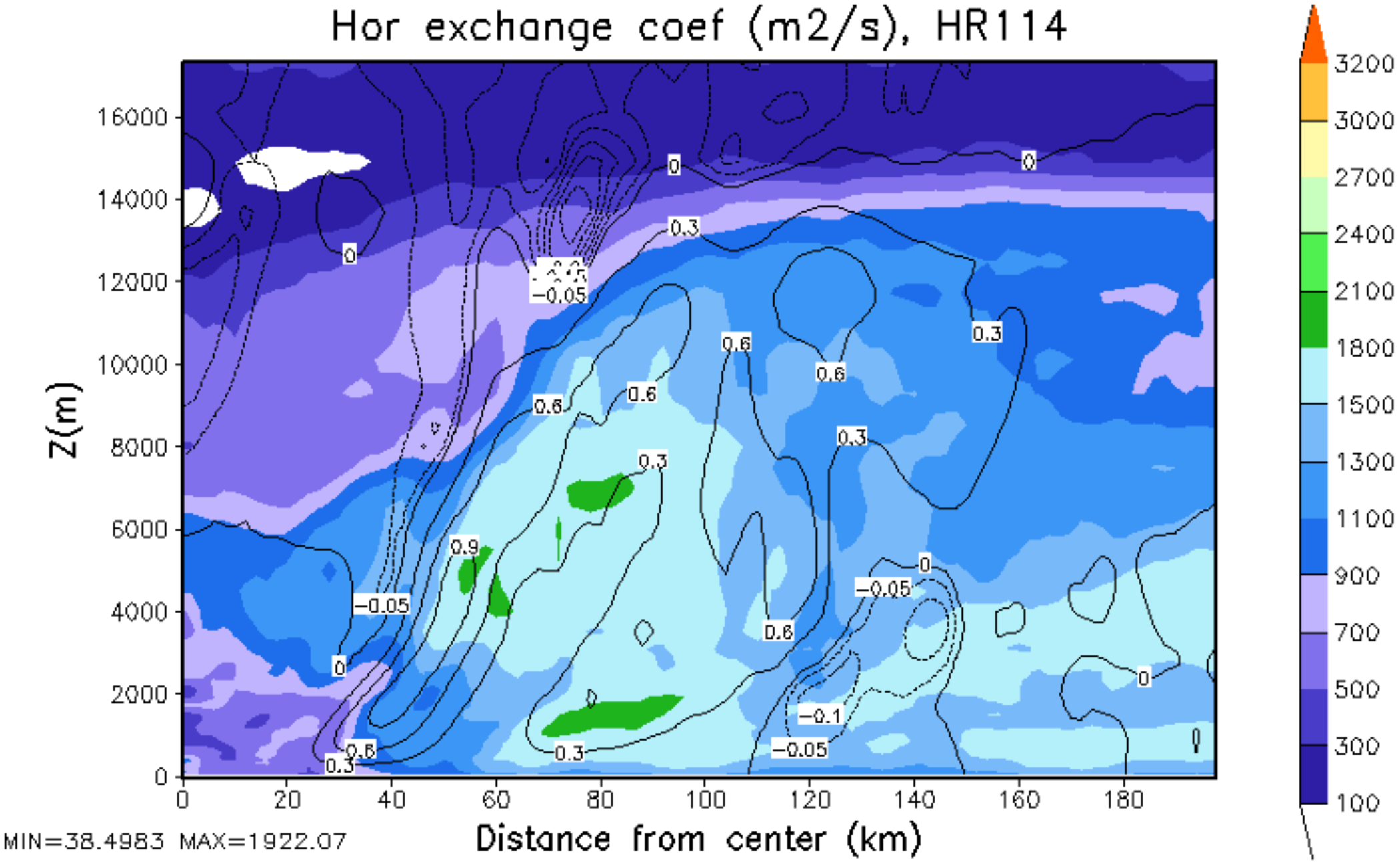

Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=1.62733 MAX=1719.77
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

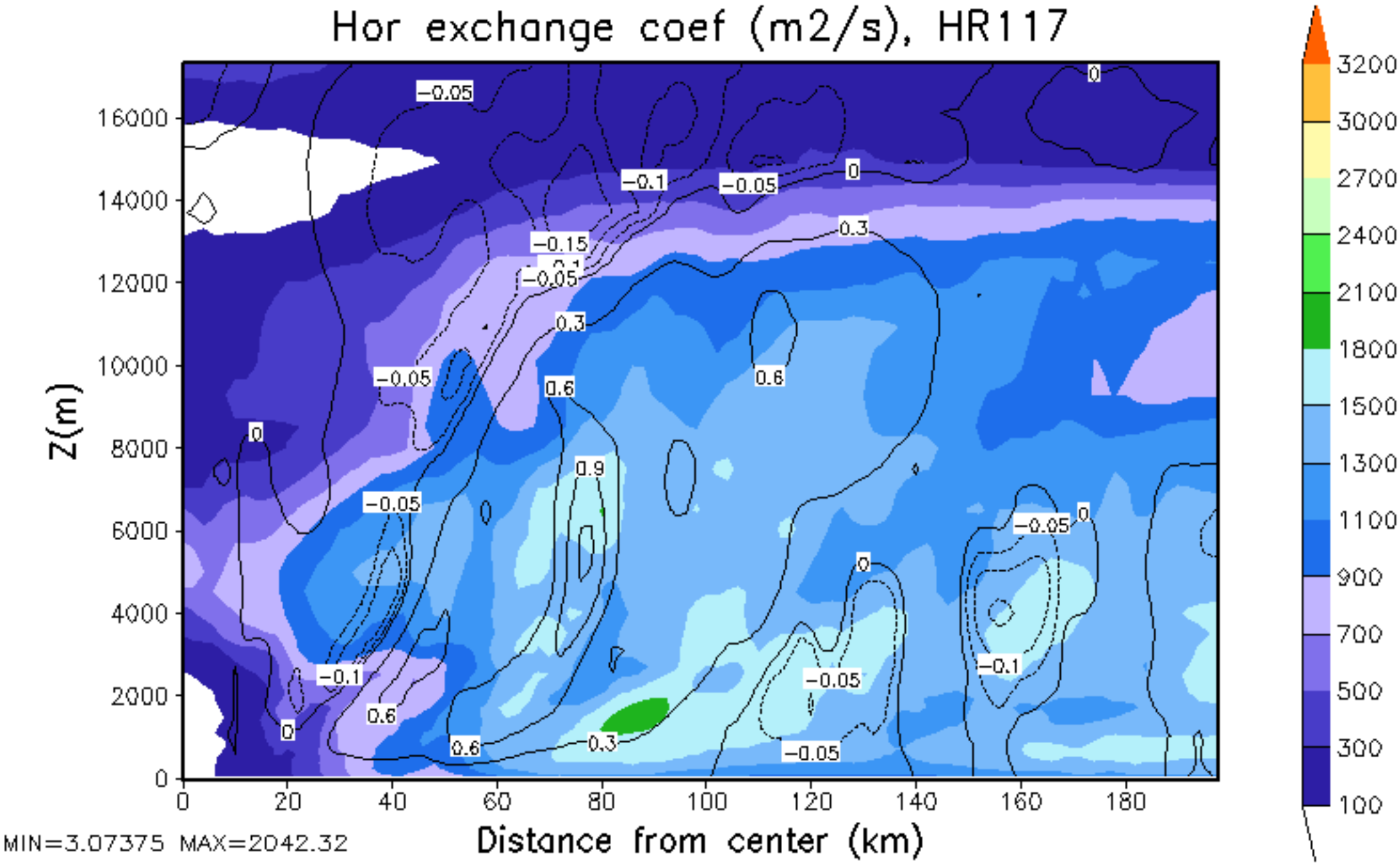

Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=105.001 MAX=1819.6
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

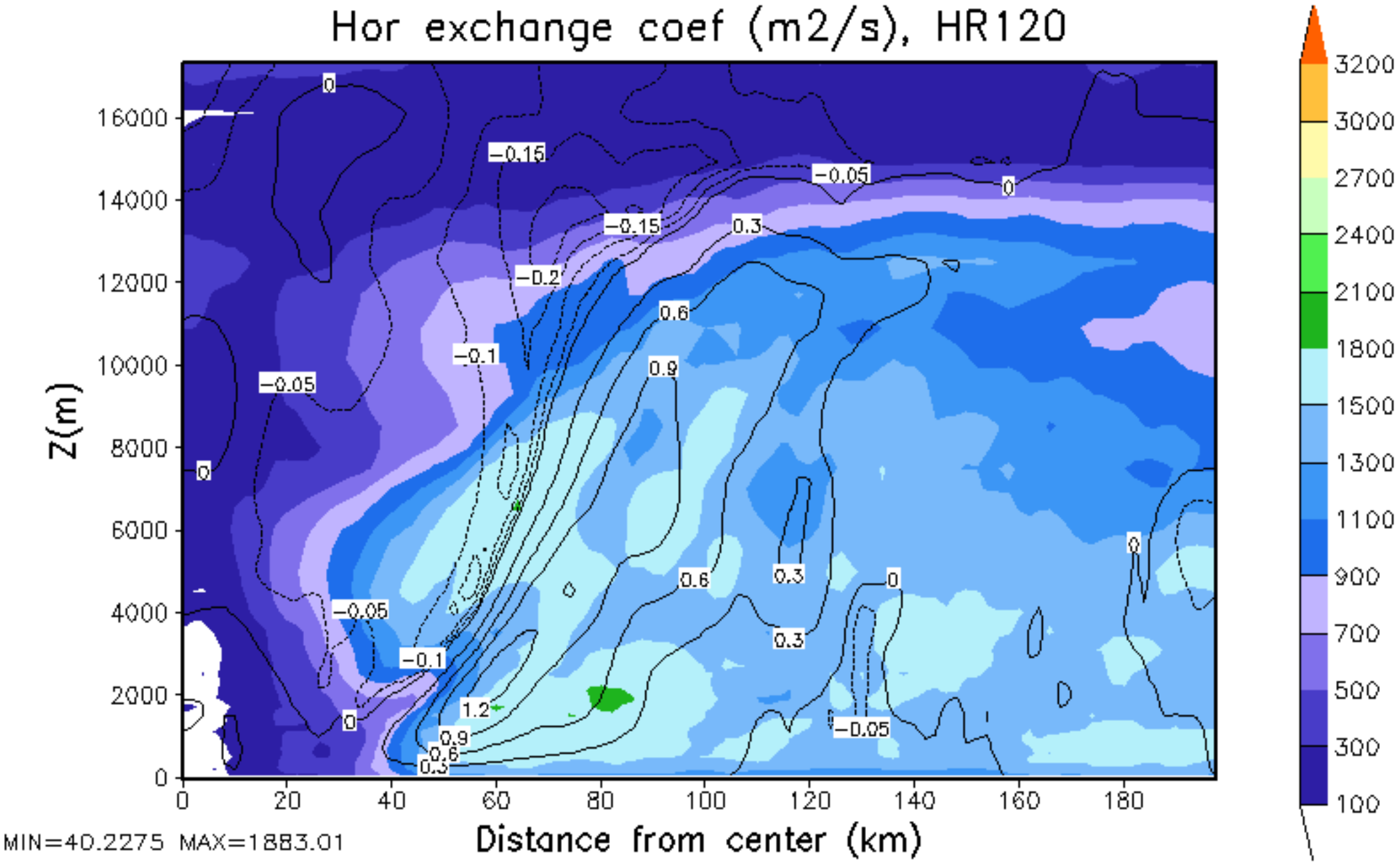


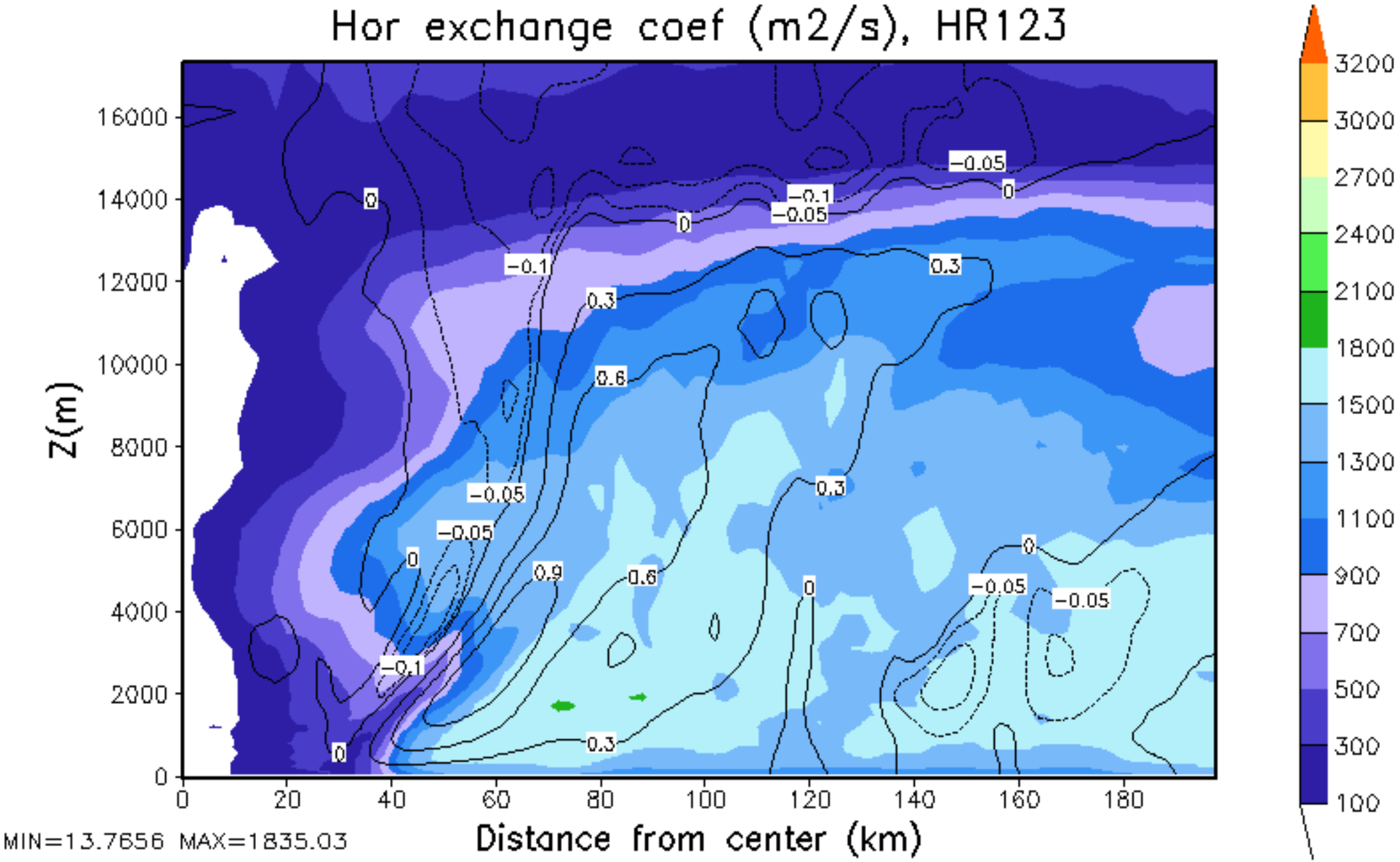
Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=37.1699 MAX=1710.23
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.1
-0.15
0.3
0.6
0.9

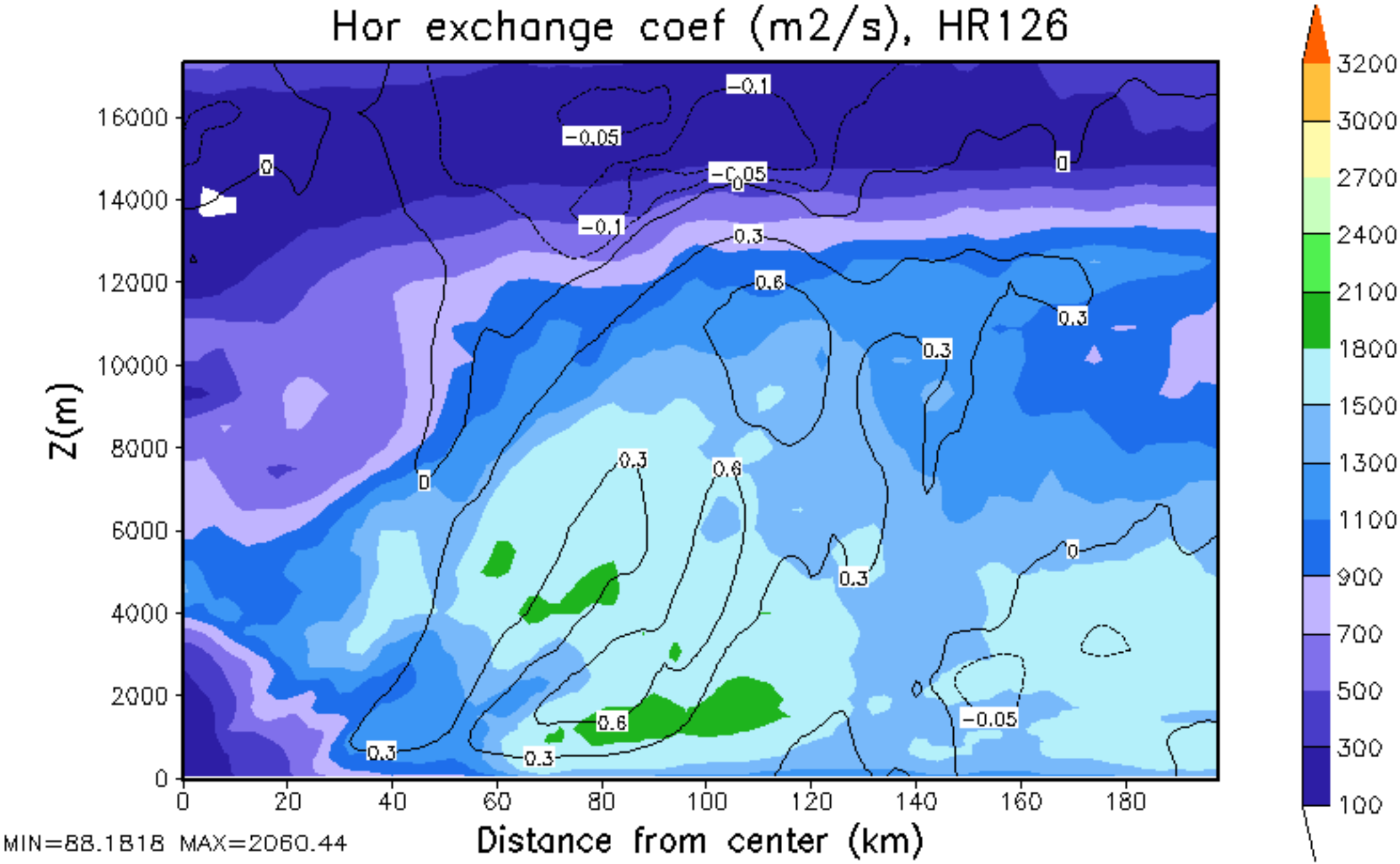

Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=71.1037 MAX=1703.4
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

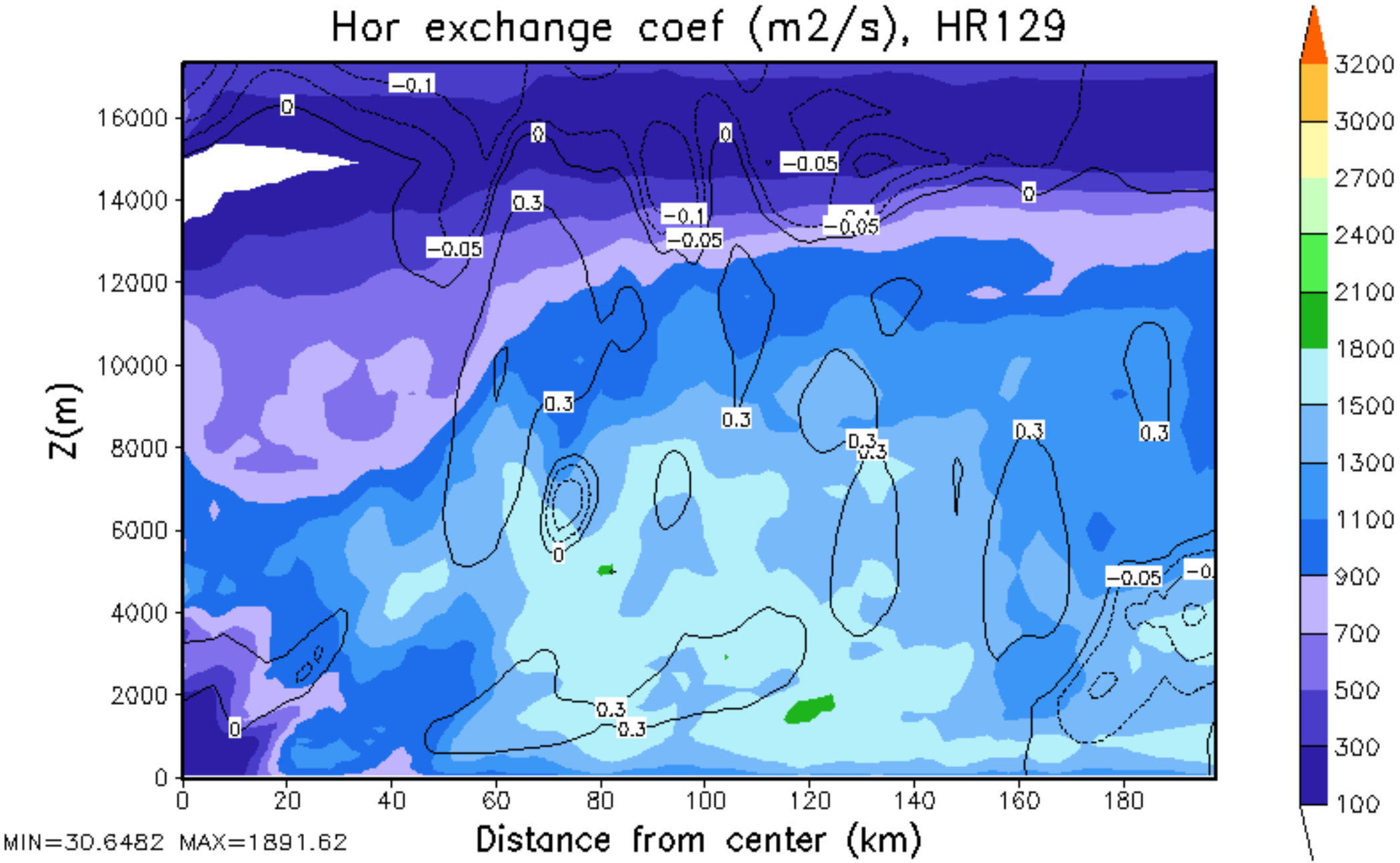

Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=38.4983 MAX=1922.07
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

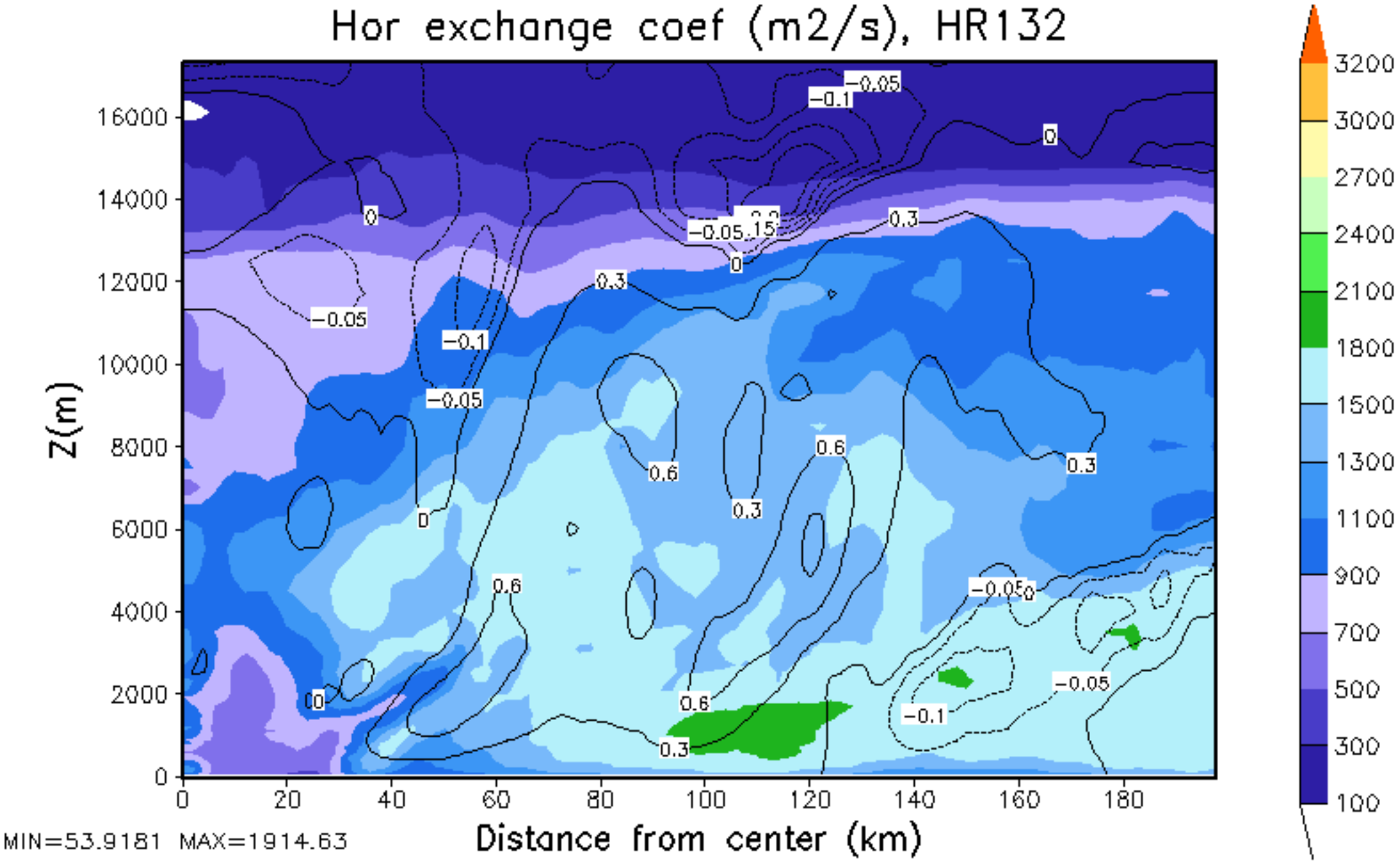

Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=3.07375 MAX=2042.32
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

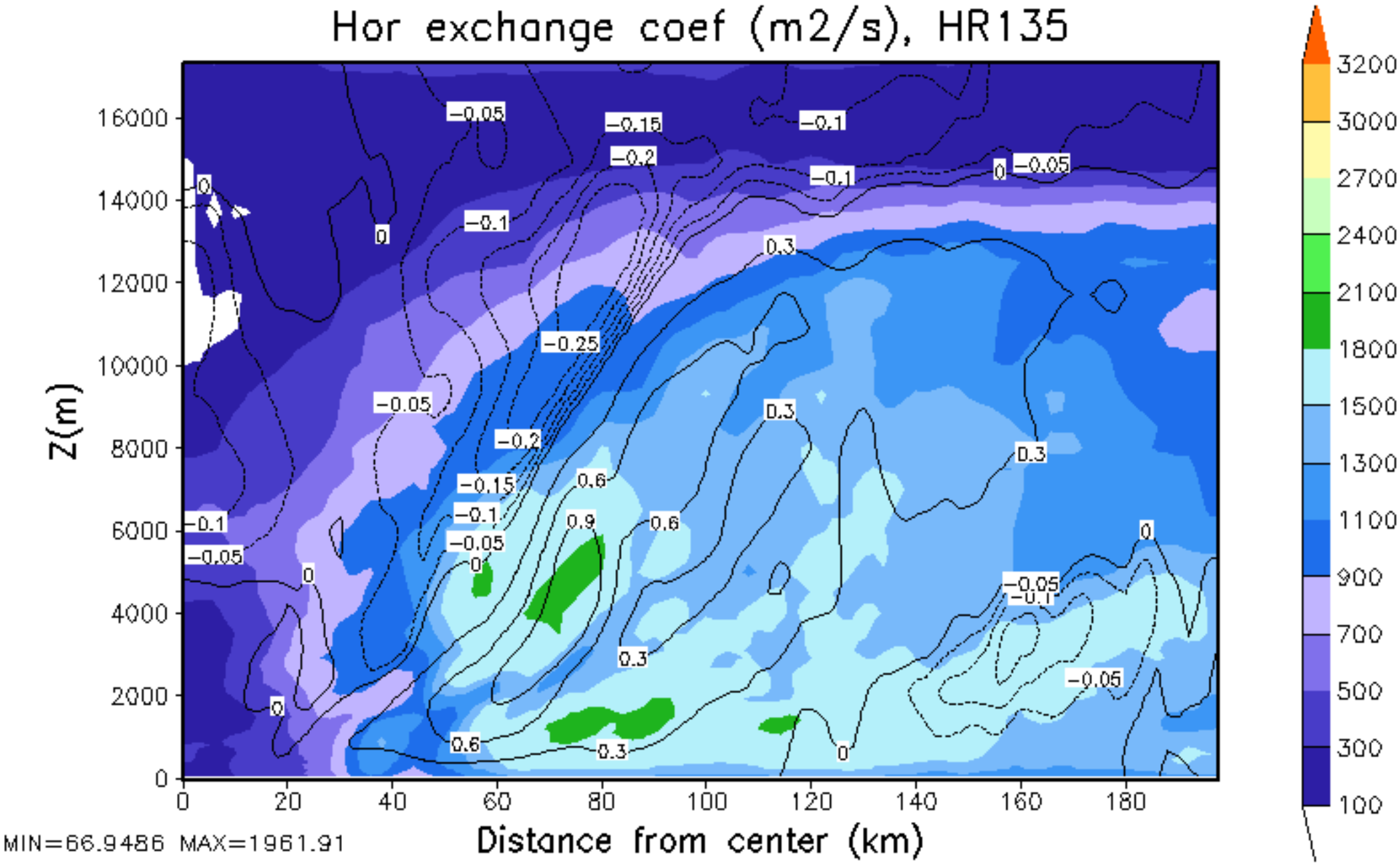

Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=40.2275 MAX=1883.01
0
16000
14000
12000
10000
8000
6000
4000
2000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
−0.15
−0.05
−0.2
−0.1
0.3
0.6
0.9
1.2

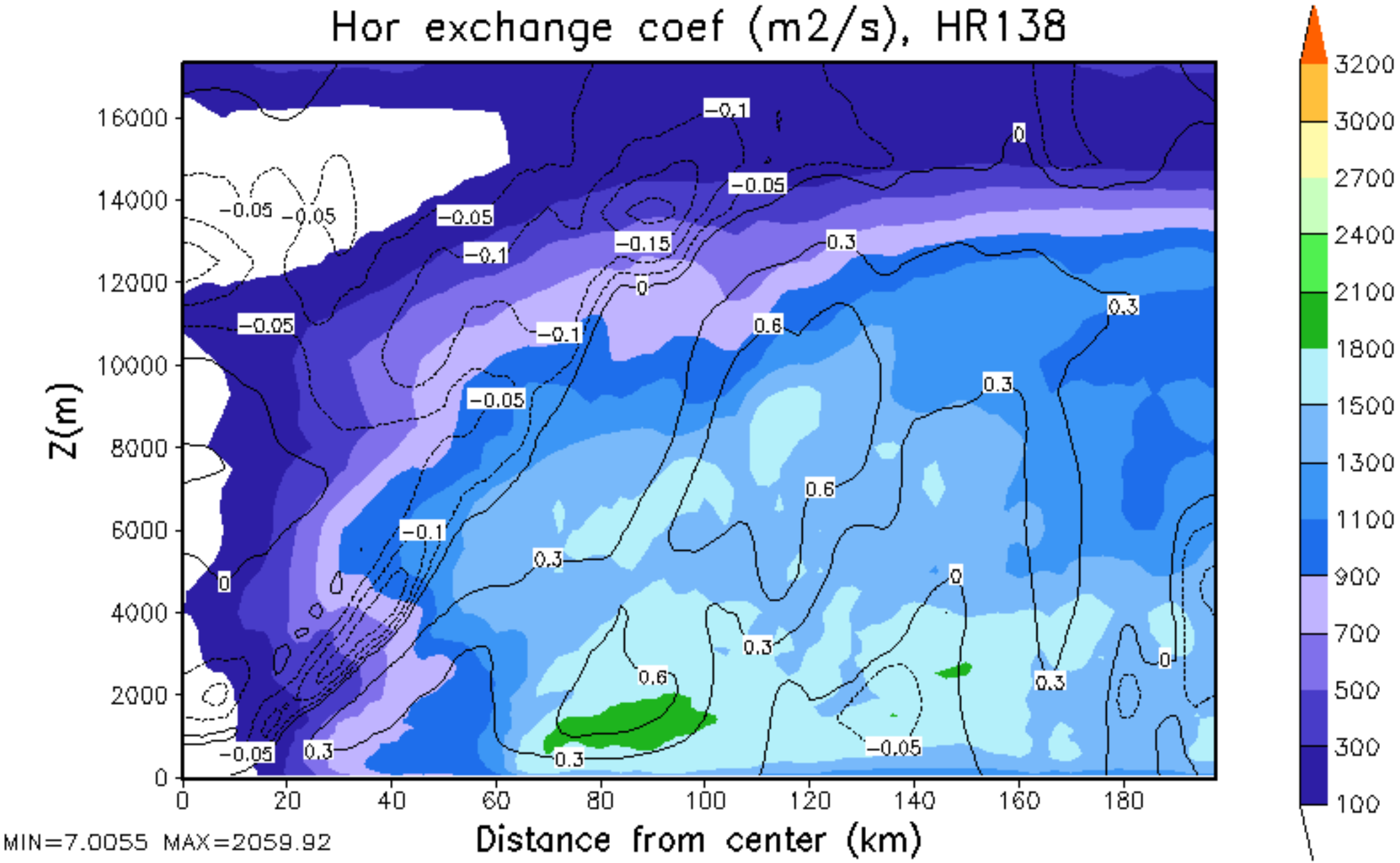

Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=13.7656 MAX=1835.03
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
-0.1
-0.05
0.3
0.6
0.9

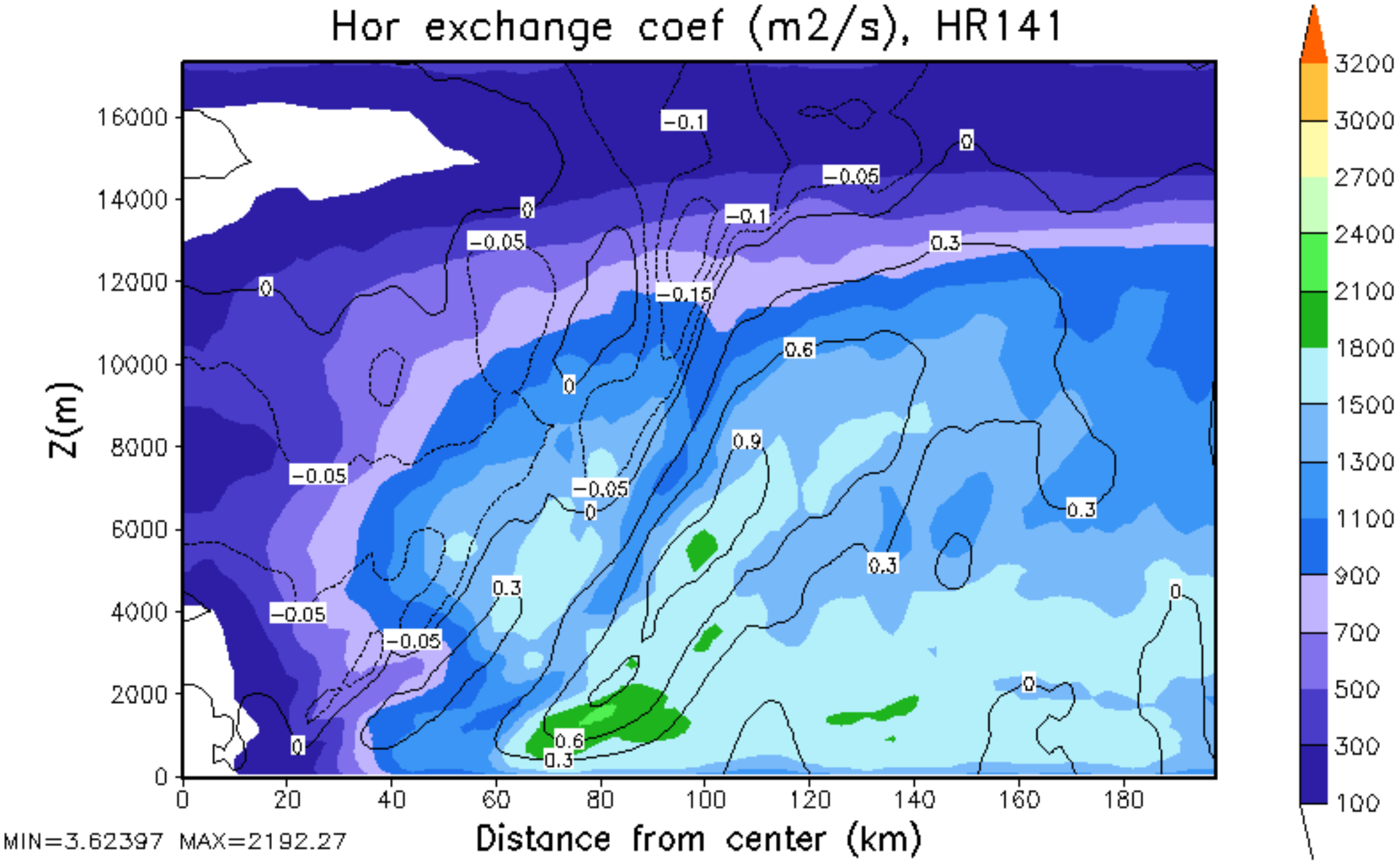

Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=88.1818 MAX=2060.44
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=30.6482 MAX=1891.62
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
-0.1
-0.05
0.3

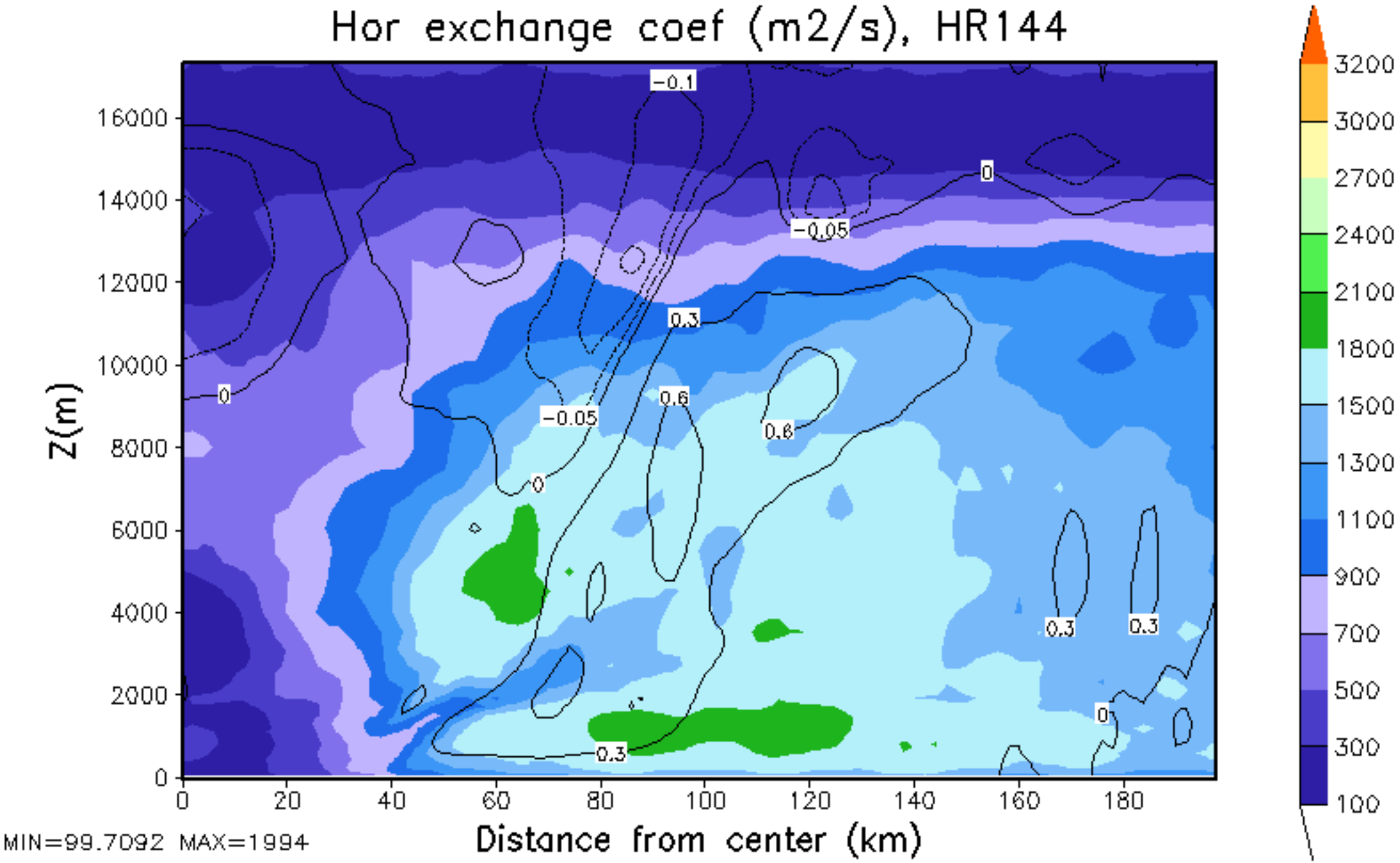

Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=53.9181 MAX=1914.63
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=66.9486 MAX=1961.91
0
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


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=7.0055 MAX=2059.92
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), HR141
Z(m)
Distance from center (km)
MIN=3.62397 MAX=2192.27
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
-0.05
-0.15
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=99.7092 MAX=1994
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
-0.1
0
-0.05
0.3
0.6
0.6
-0.05
0
0
0.3
0.3
0
0.3
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100