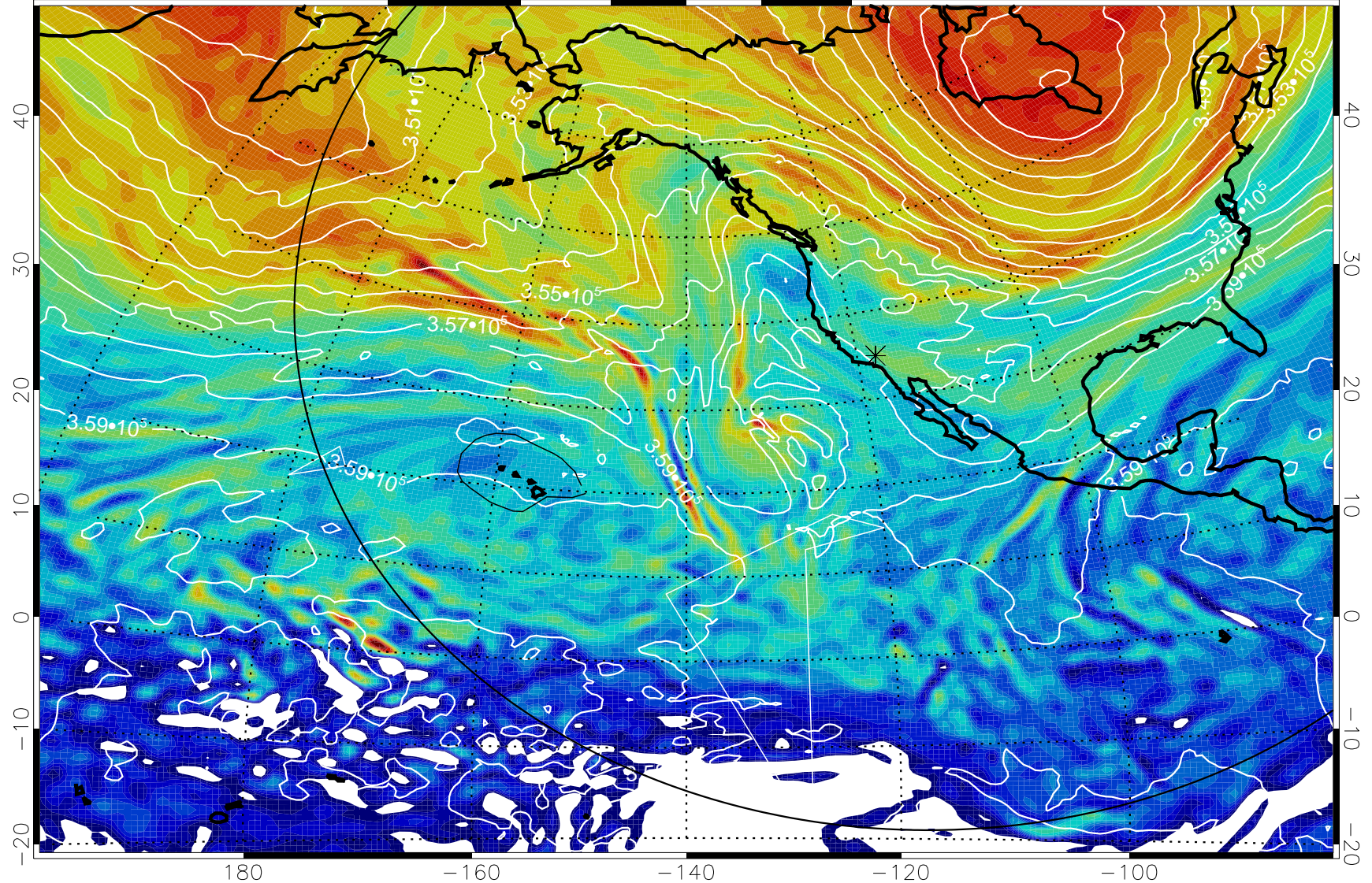
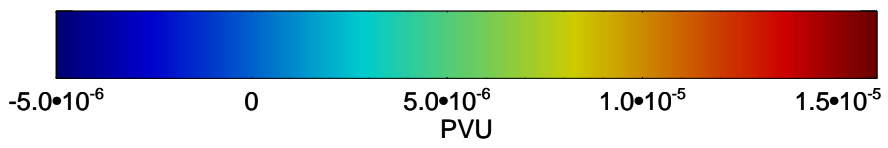


13012118, 6 hour forecast for 380K EPV

160 180 -160 -140 -120 -100

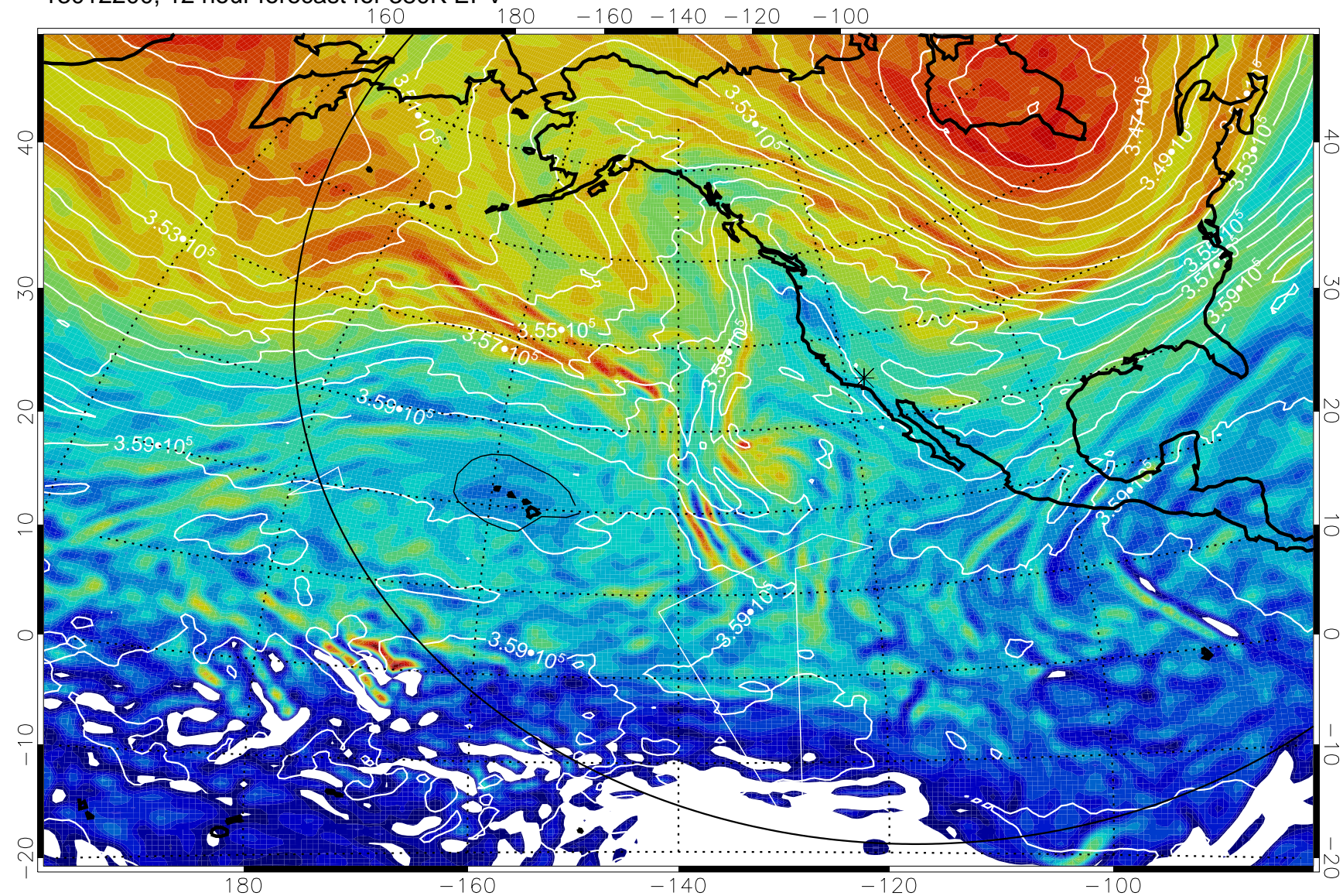


380K Montgomery Streamfunction, white



Range ring of 6000 km -- 19 hours GH round trip

13012200, 12 hour forecast for 380K EPV

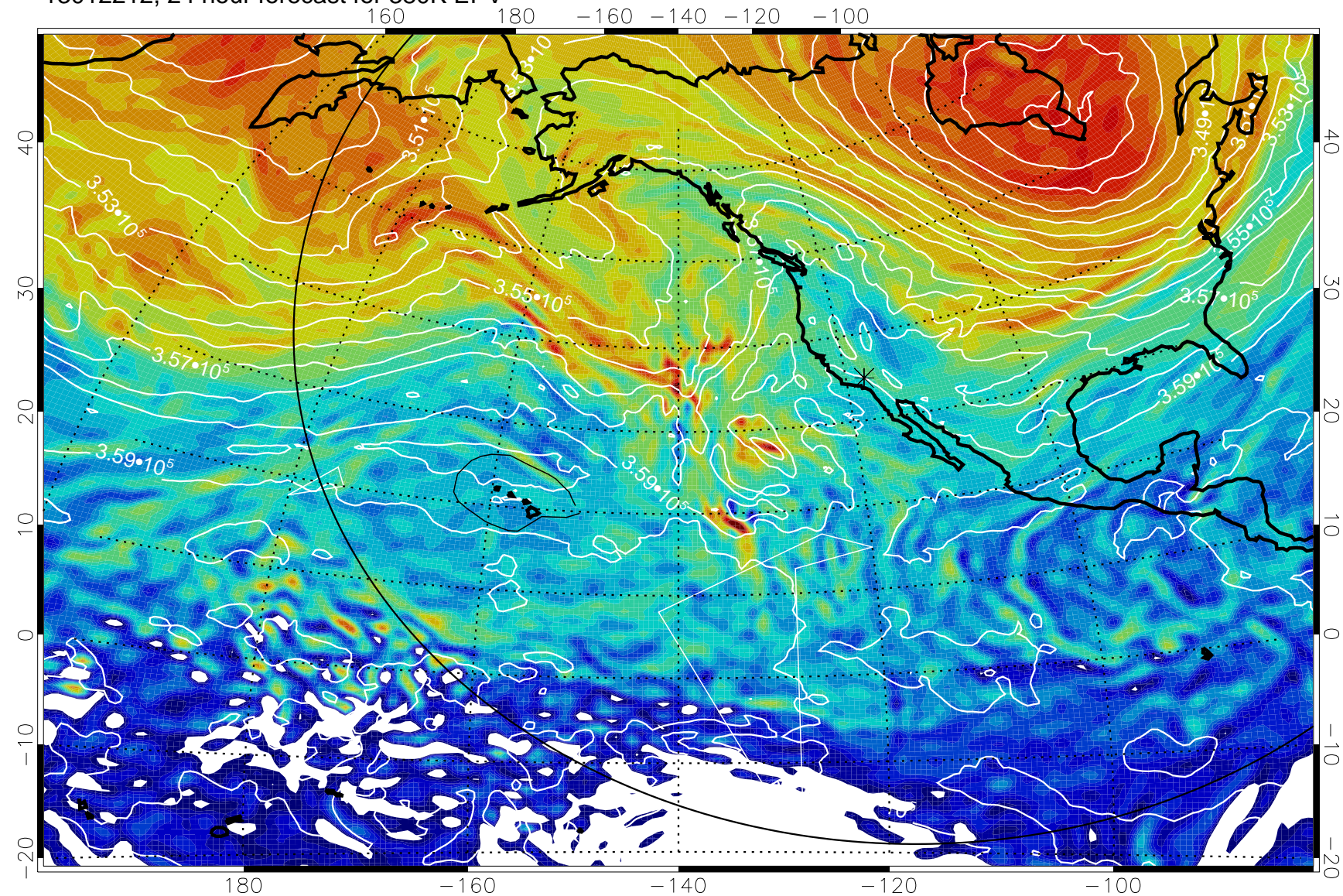


380K Montgomery Streamfunction, white



Range ring of 6000 km -- 19 hours GH round trip

13012212, 24 hour forecast for 380K EPV

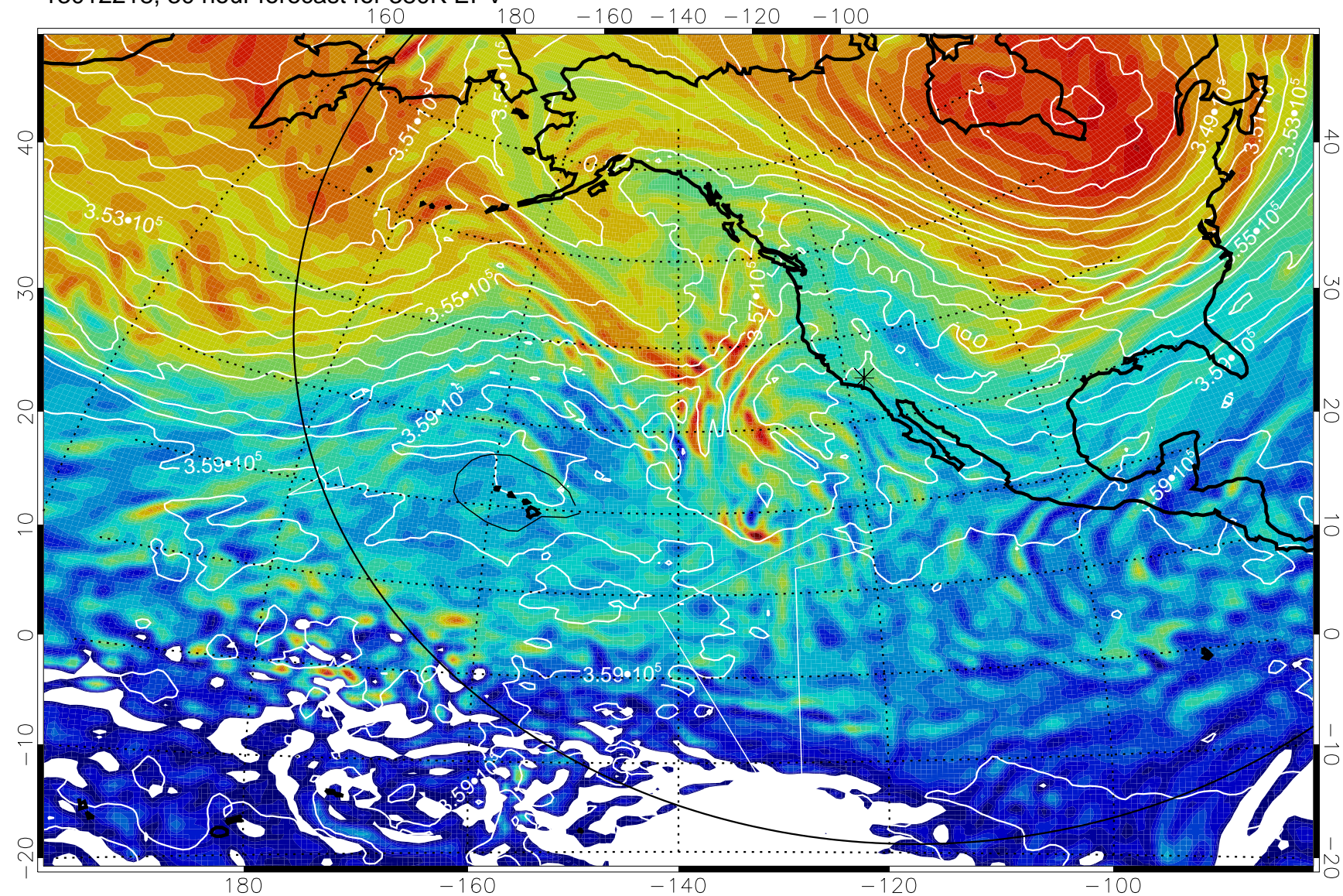


380K Montgomery Streamfunction, white

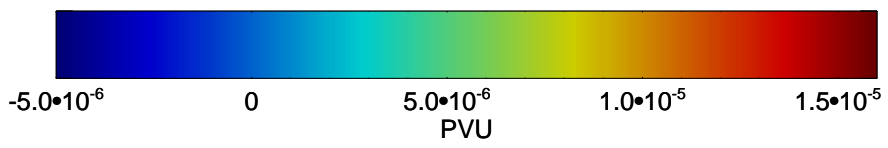


Range ring of 6000 km -- 19 hours GH round trip

13012218, 30 hour forecast for 380K EPV

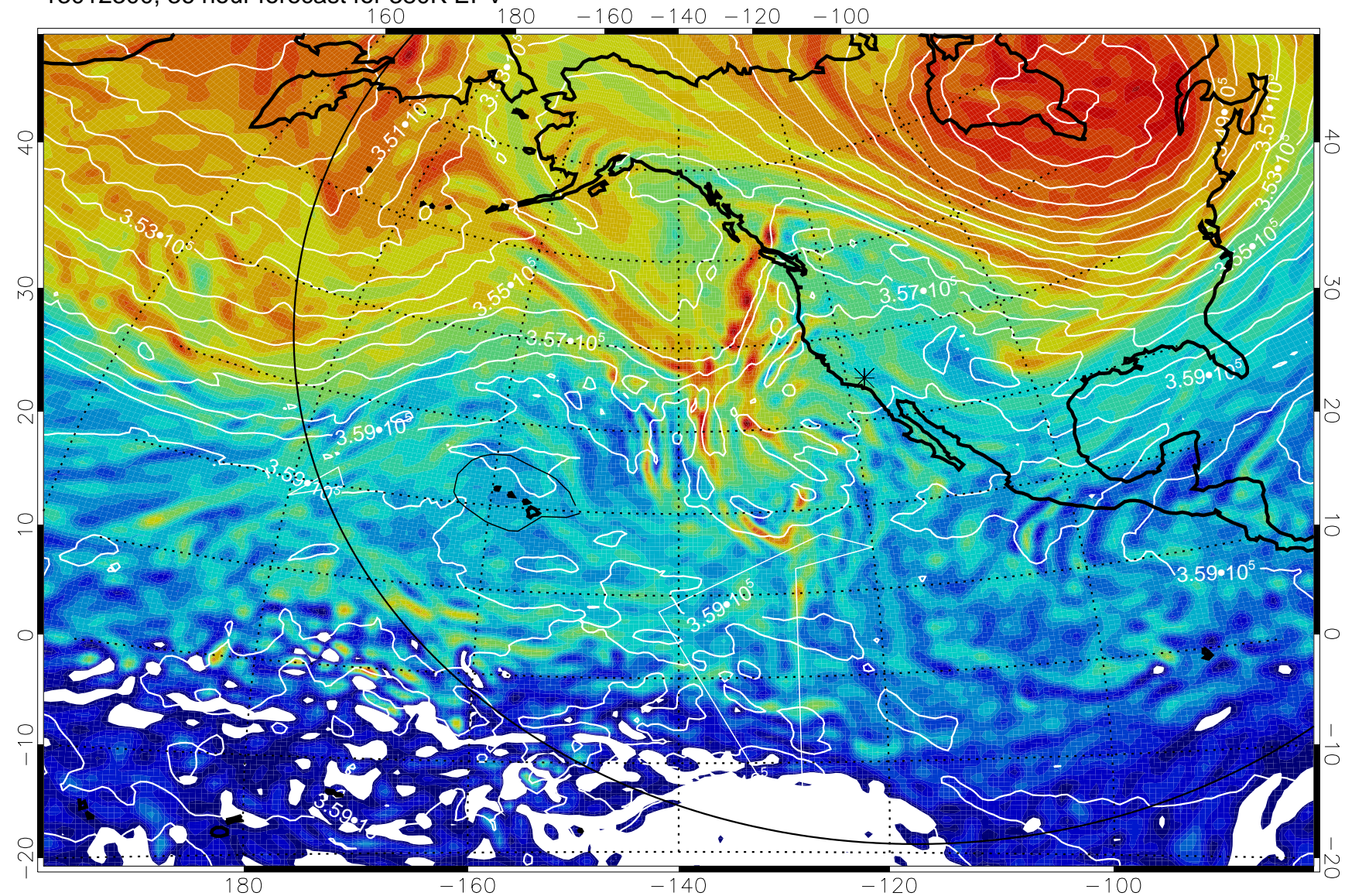


380K Montgomery Streamfunction, white



Range ring of 6000 km -- 19 hours GH round trip

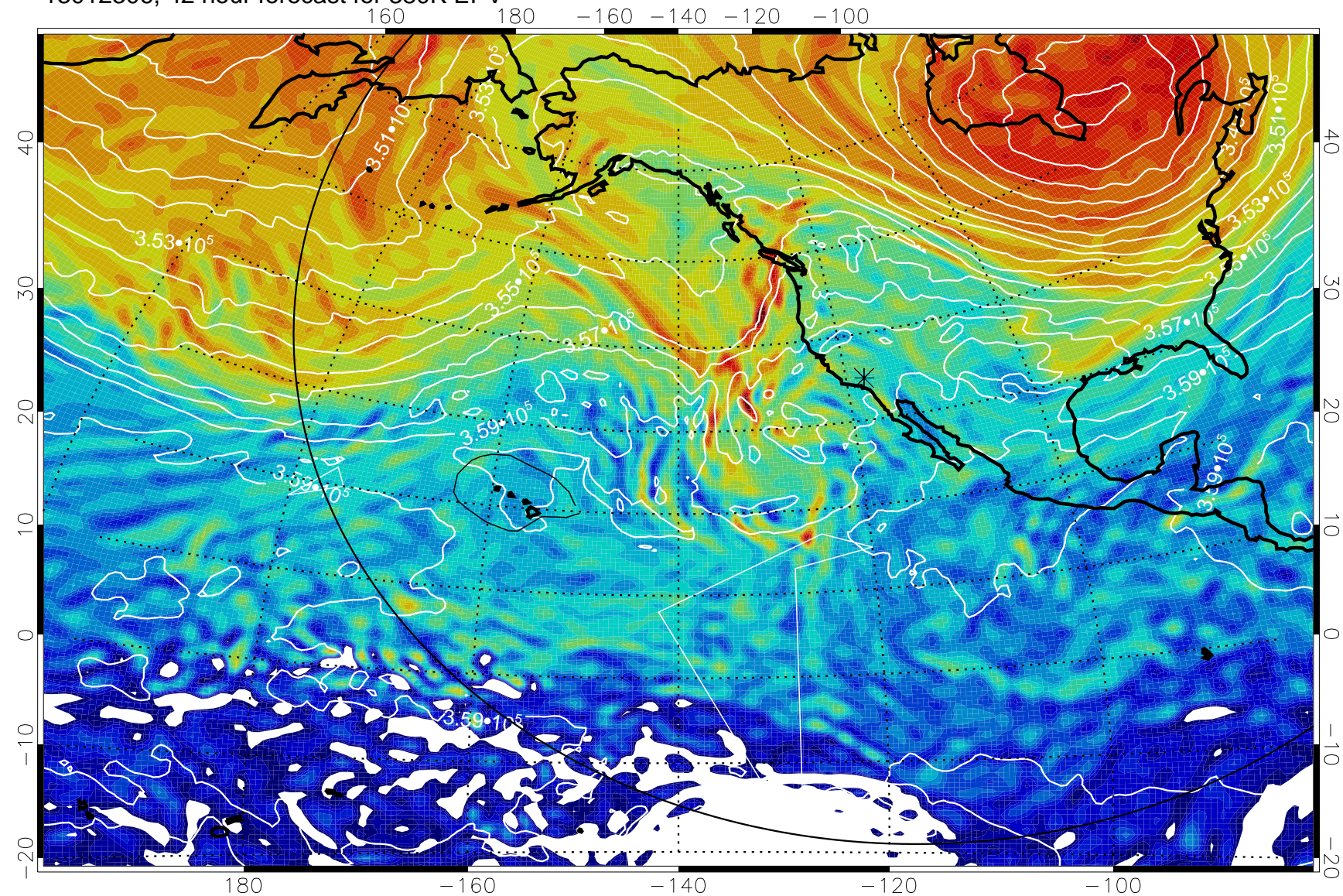
13012300, 36 hour forecast for 380K EPV



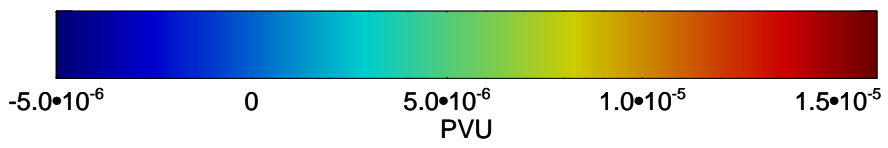
380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012306, 42 hour forecast for 380K EPV

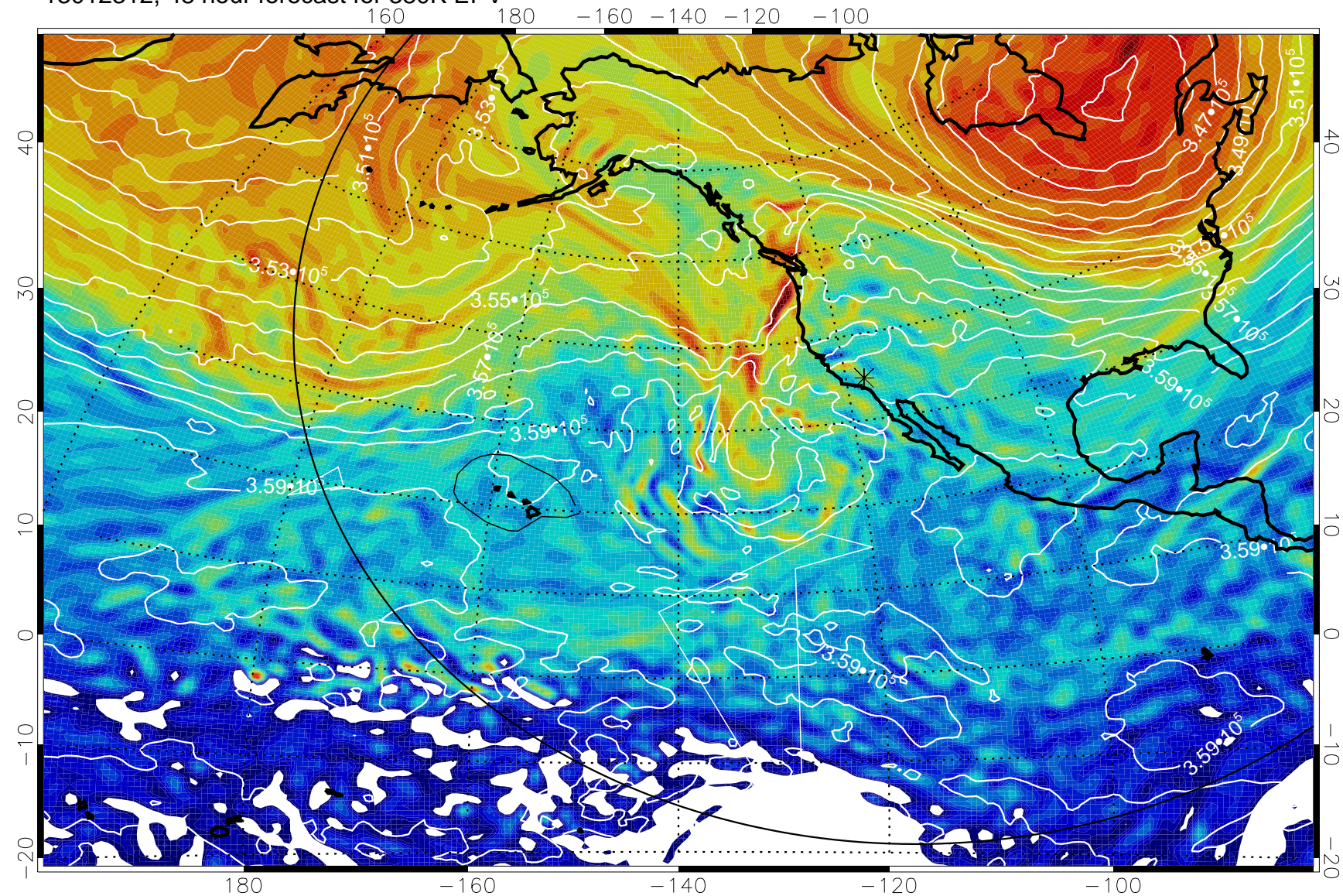


380K Montgomery Streamfunction, white



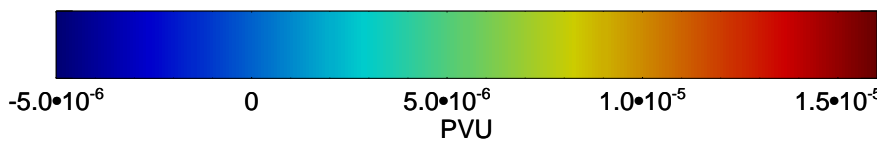
Range ring of 6000 km -- 19 hours GH round trip

13012312, 48 hour forecast for 380K EPV



160 180 -160 -140 -120 -100

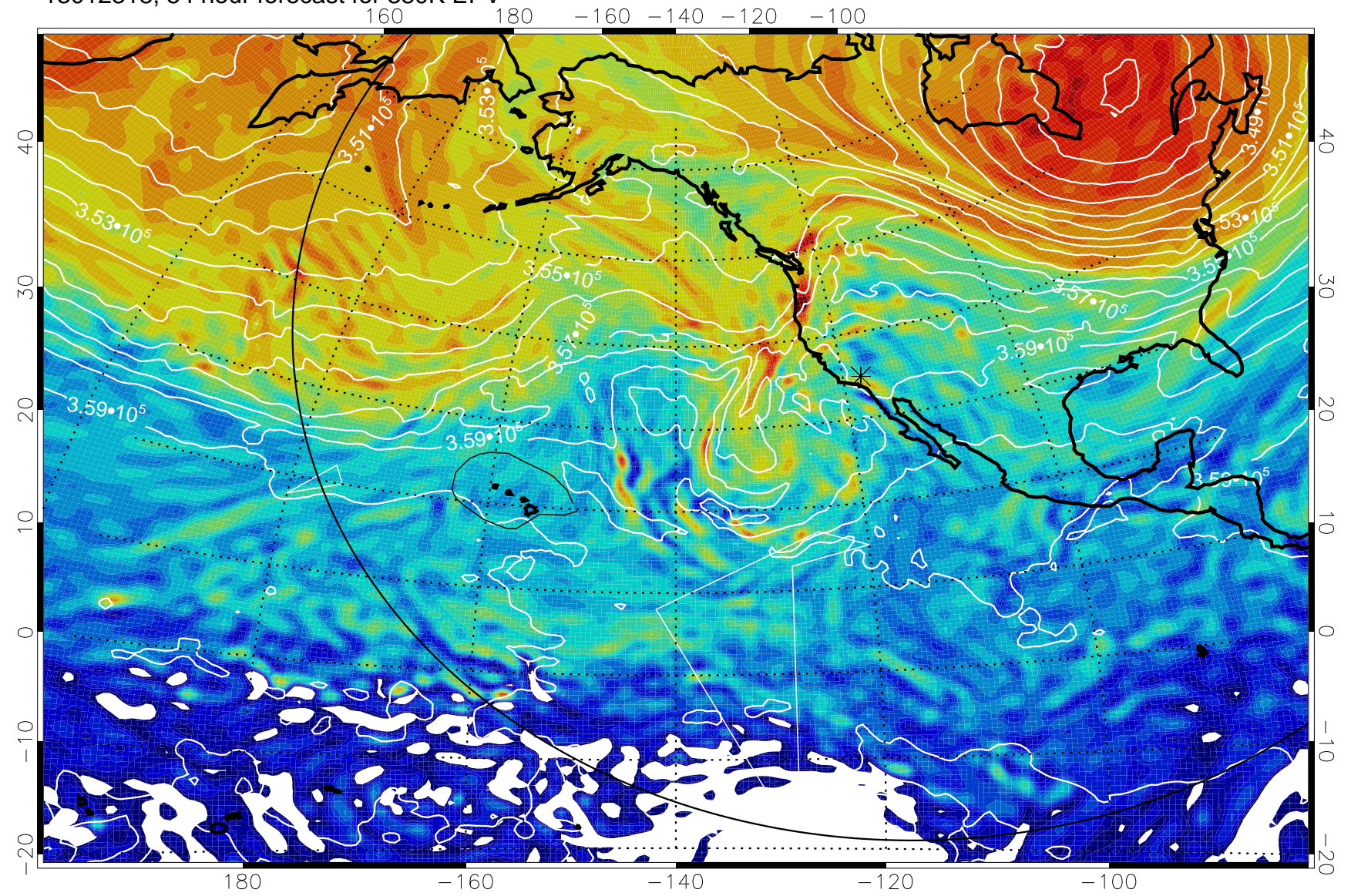
40
30
20
10
0
-10
-20



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

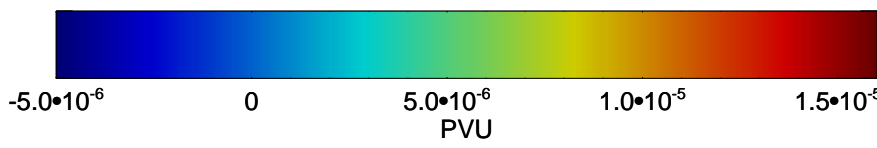
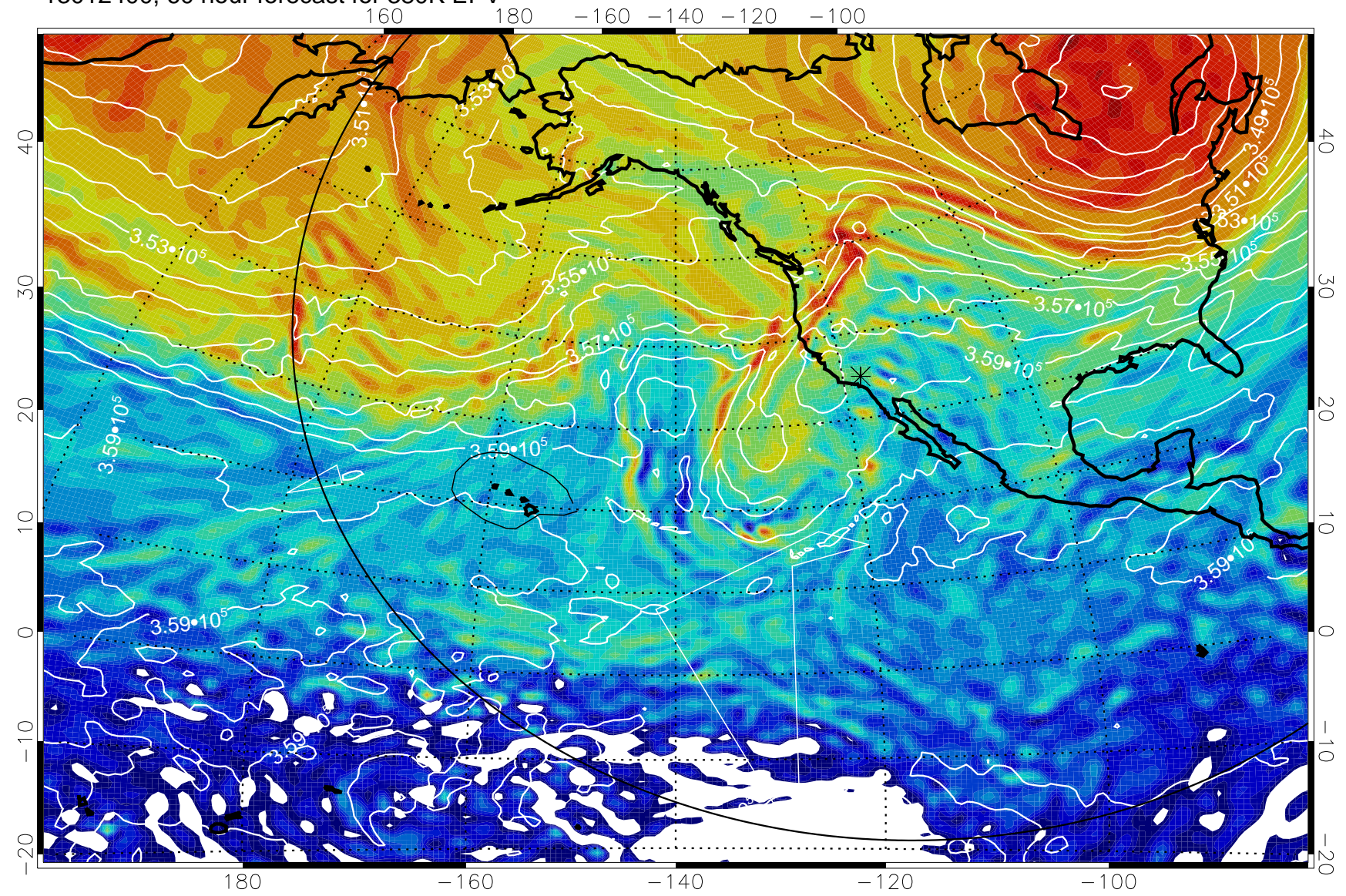
13012318, 54 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

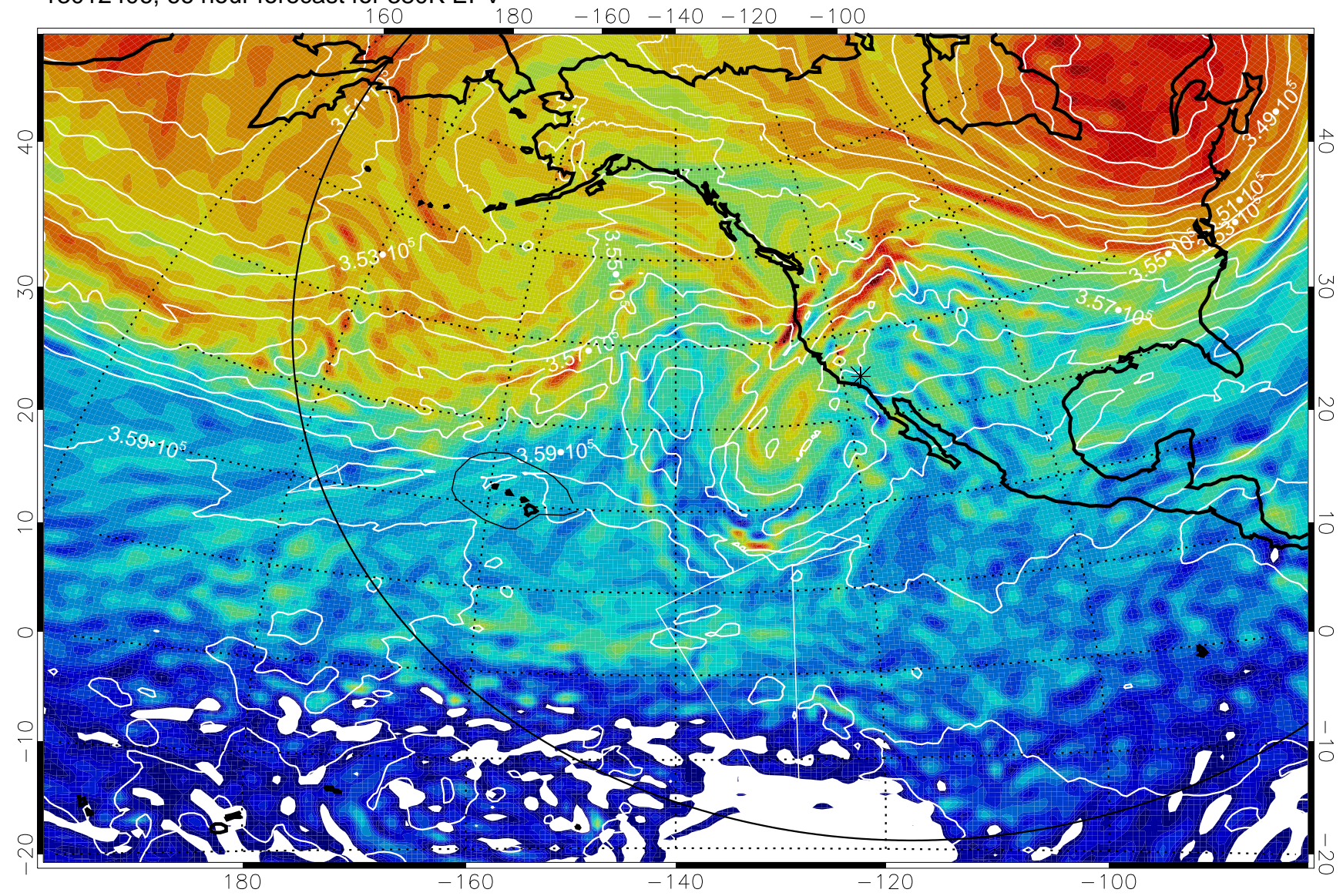
13012400, 60 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

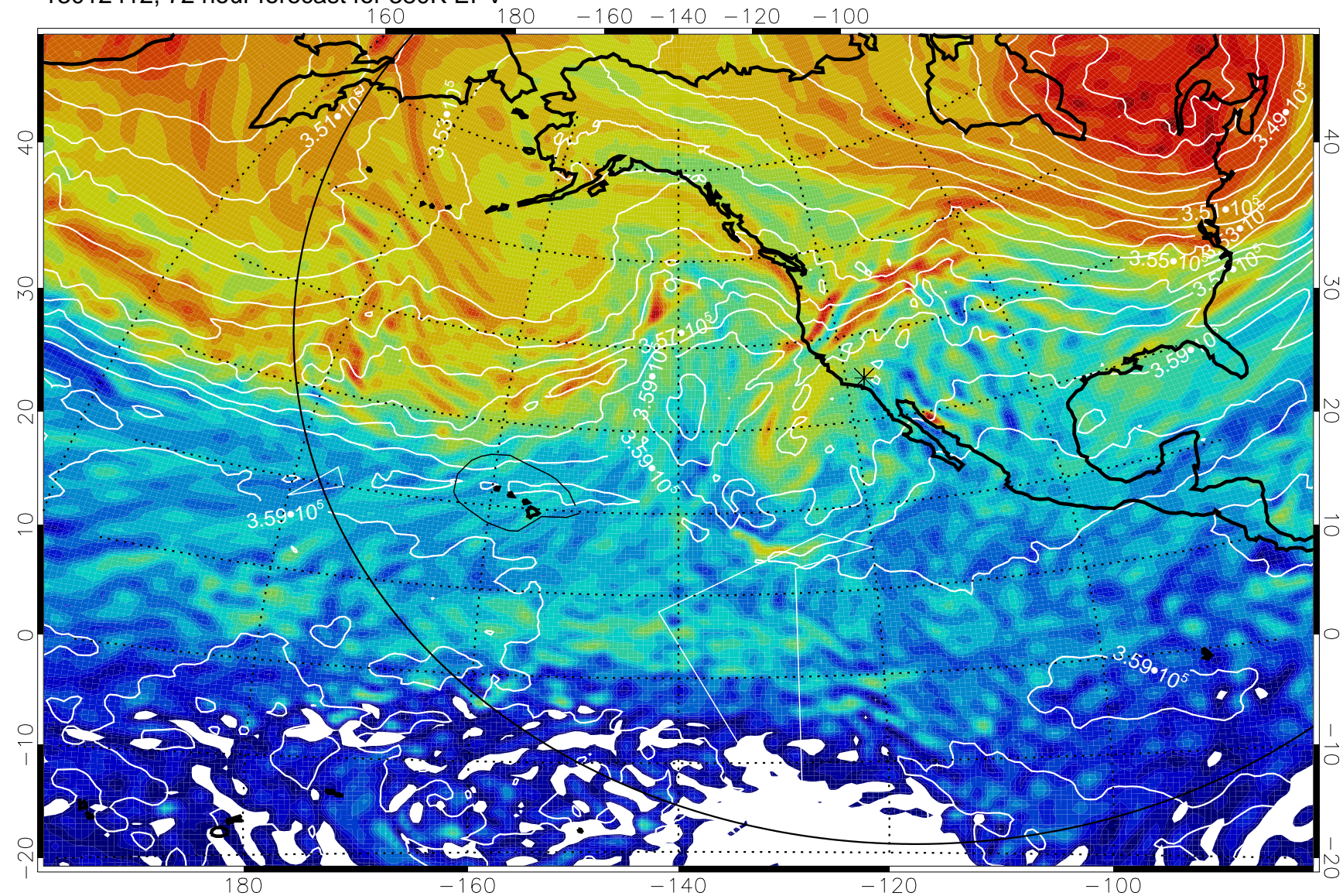
13012406, 66 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

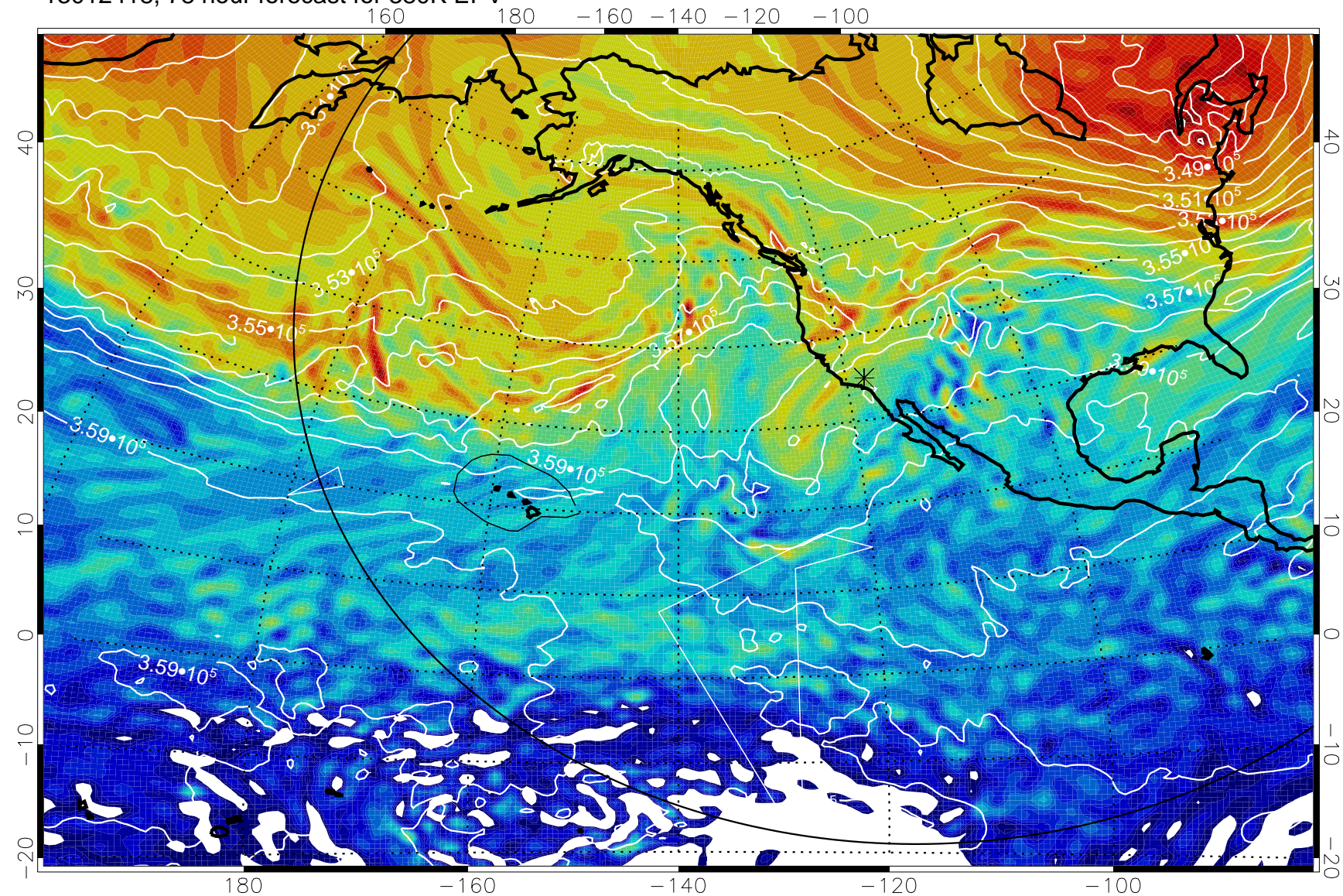
13012412, 72 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

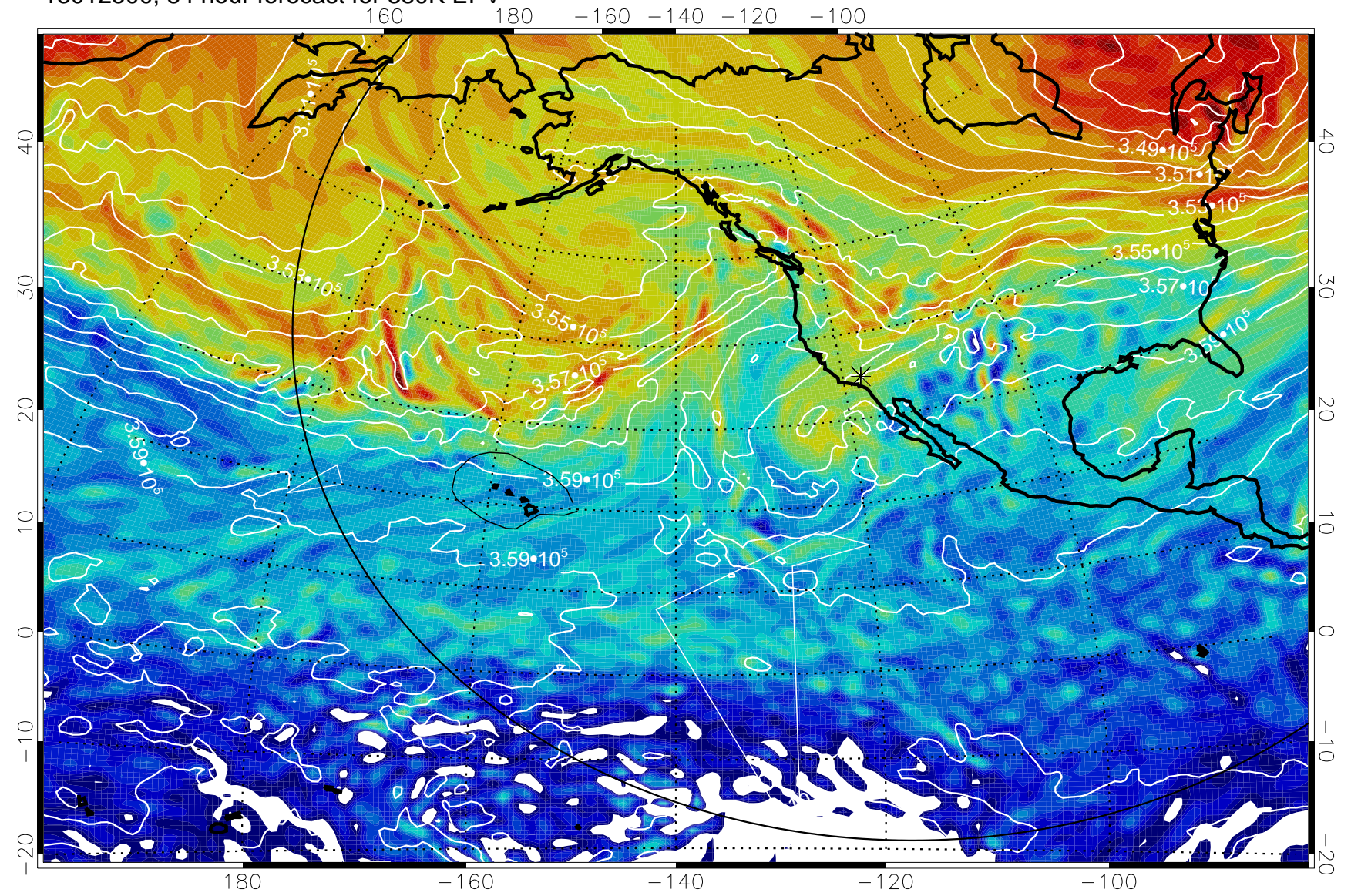
13012418, 78 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012500, 84 hour forecast for 380K EPV



160 180 -160 -140 -120 -100

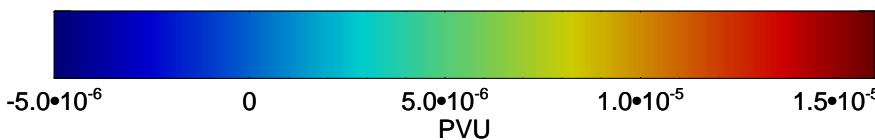
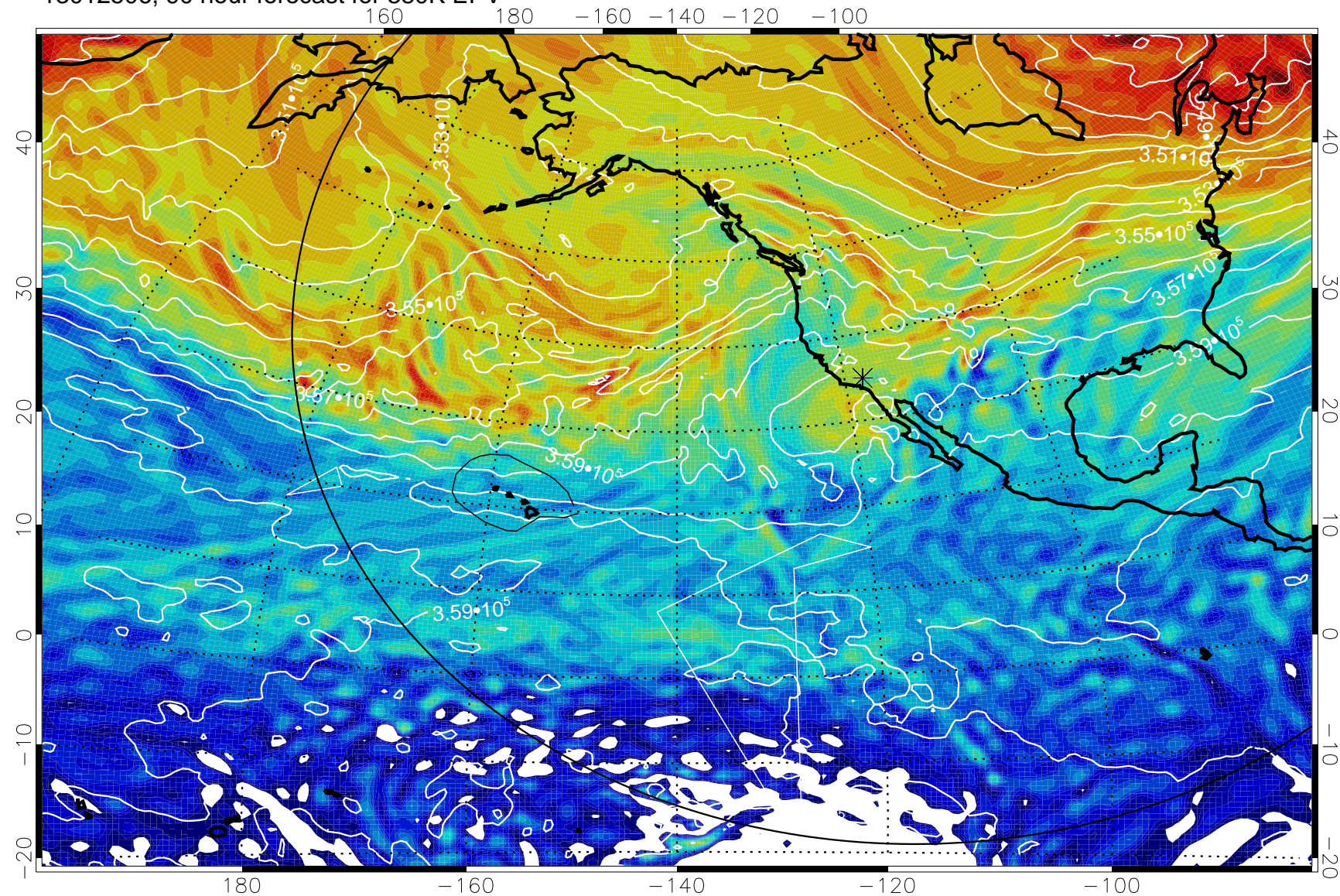
40
30
20
10
0
-10
-20

$-5.0 \cdot 10^{-6}$ 0 $5.0 \cdot 10^{-6}$ $1.0 \cdot 10^{-5}$ $1.5 \cdot 10^{-5}$
PVU

380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

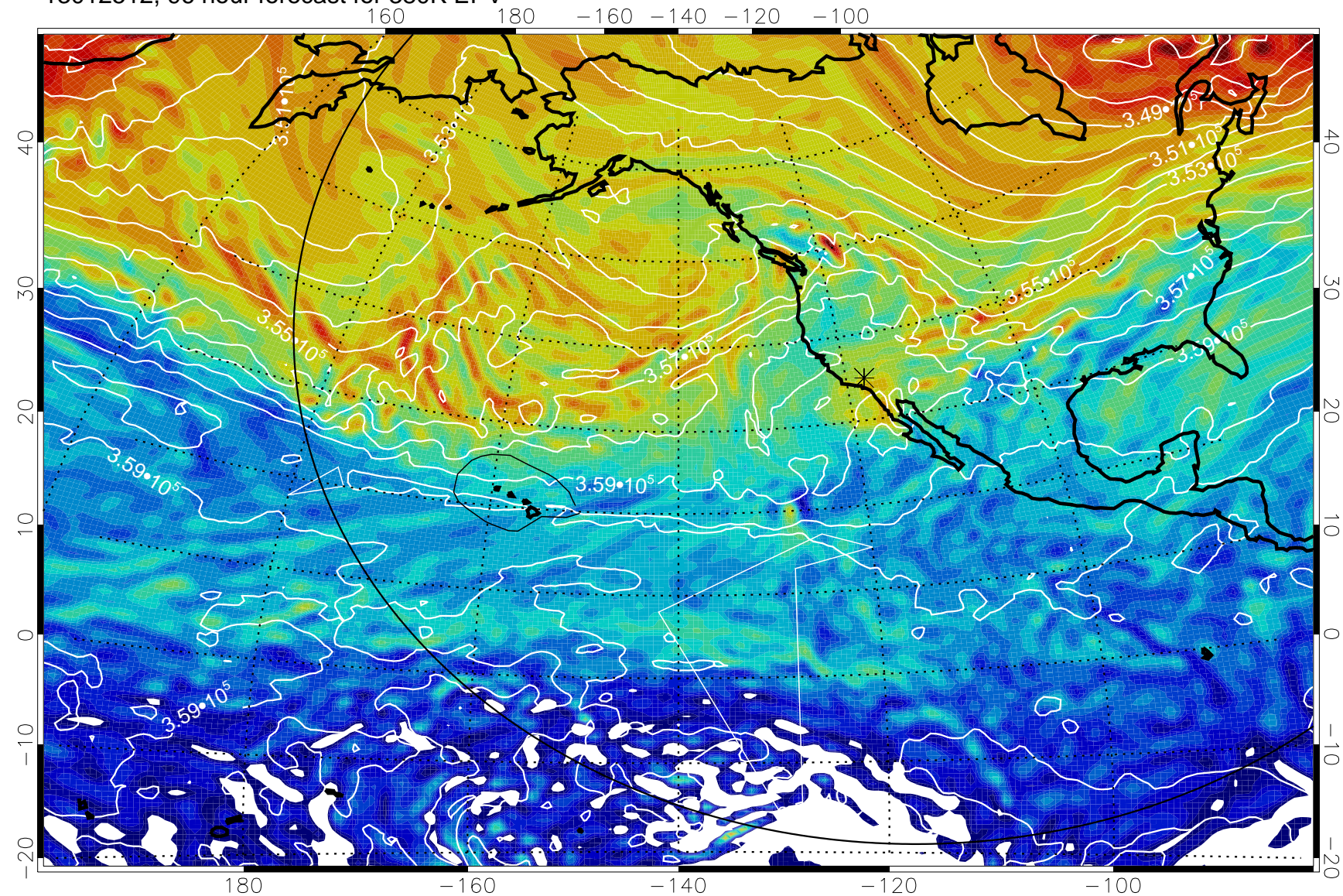
13012506, 90 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012512, 96 hour forecast for 380K EPV

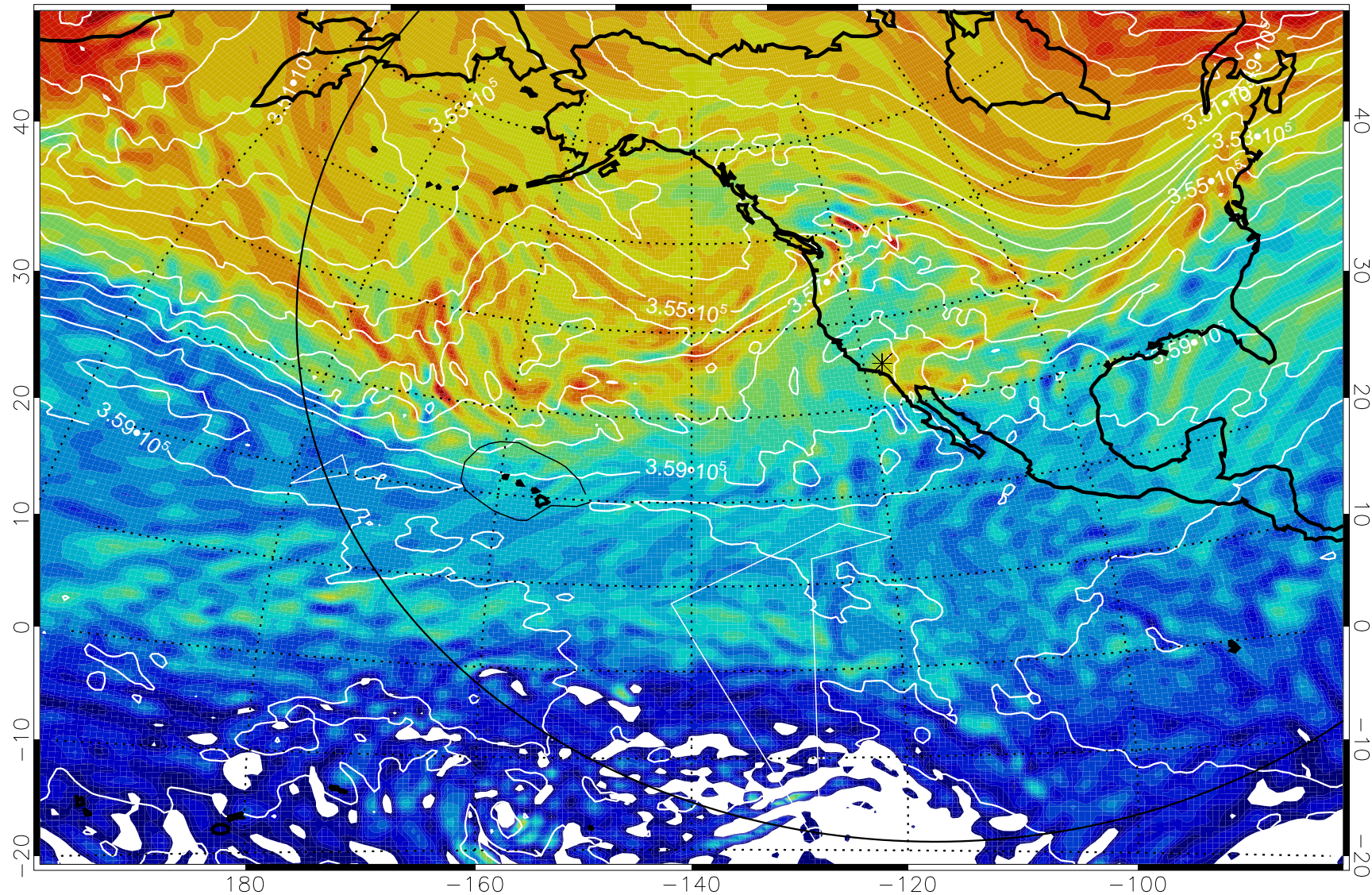


380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012518, 102 hour forecast for 380K EPV

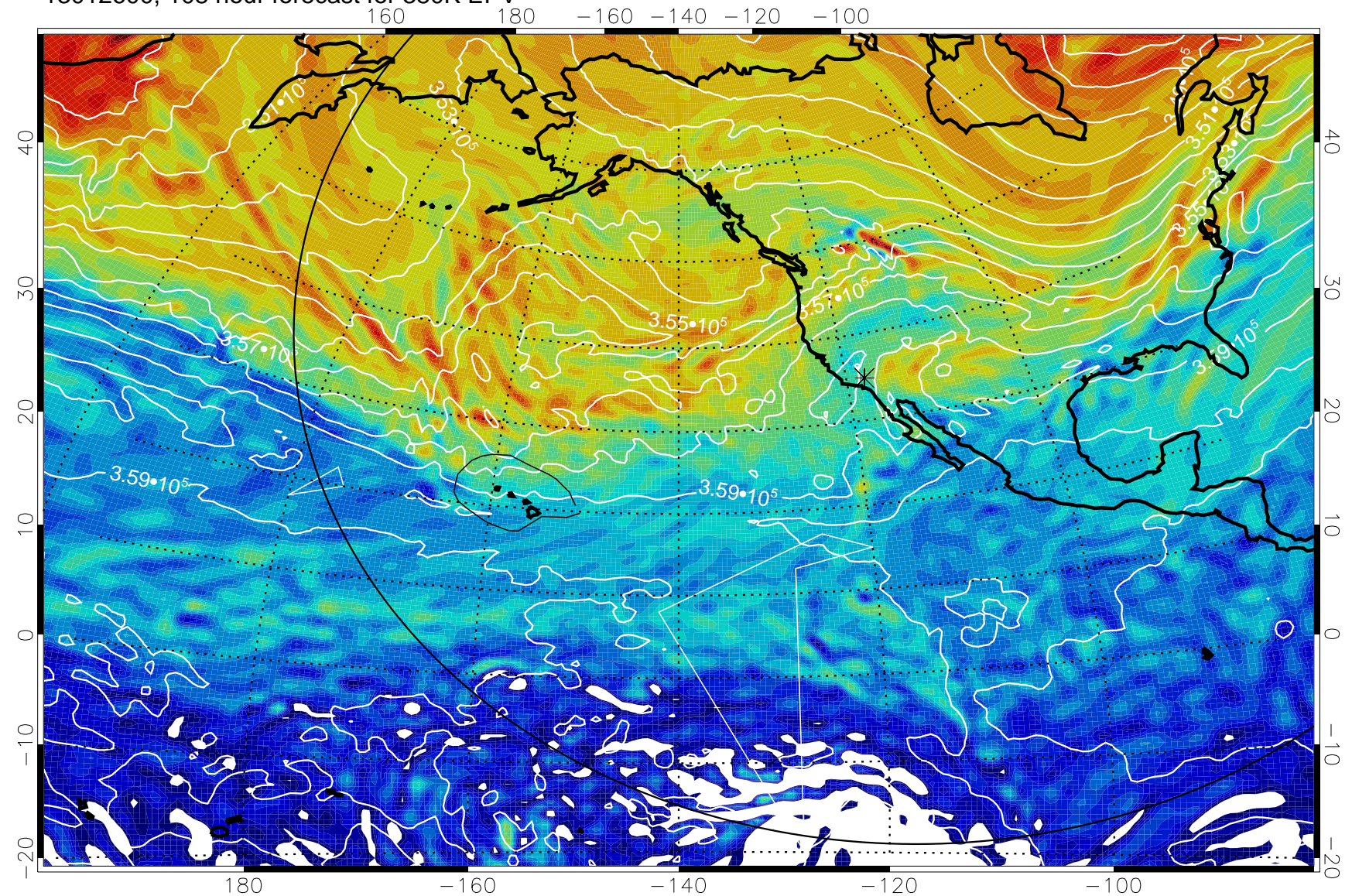
160 180 -160 -140 -120 -100



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

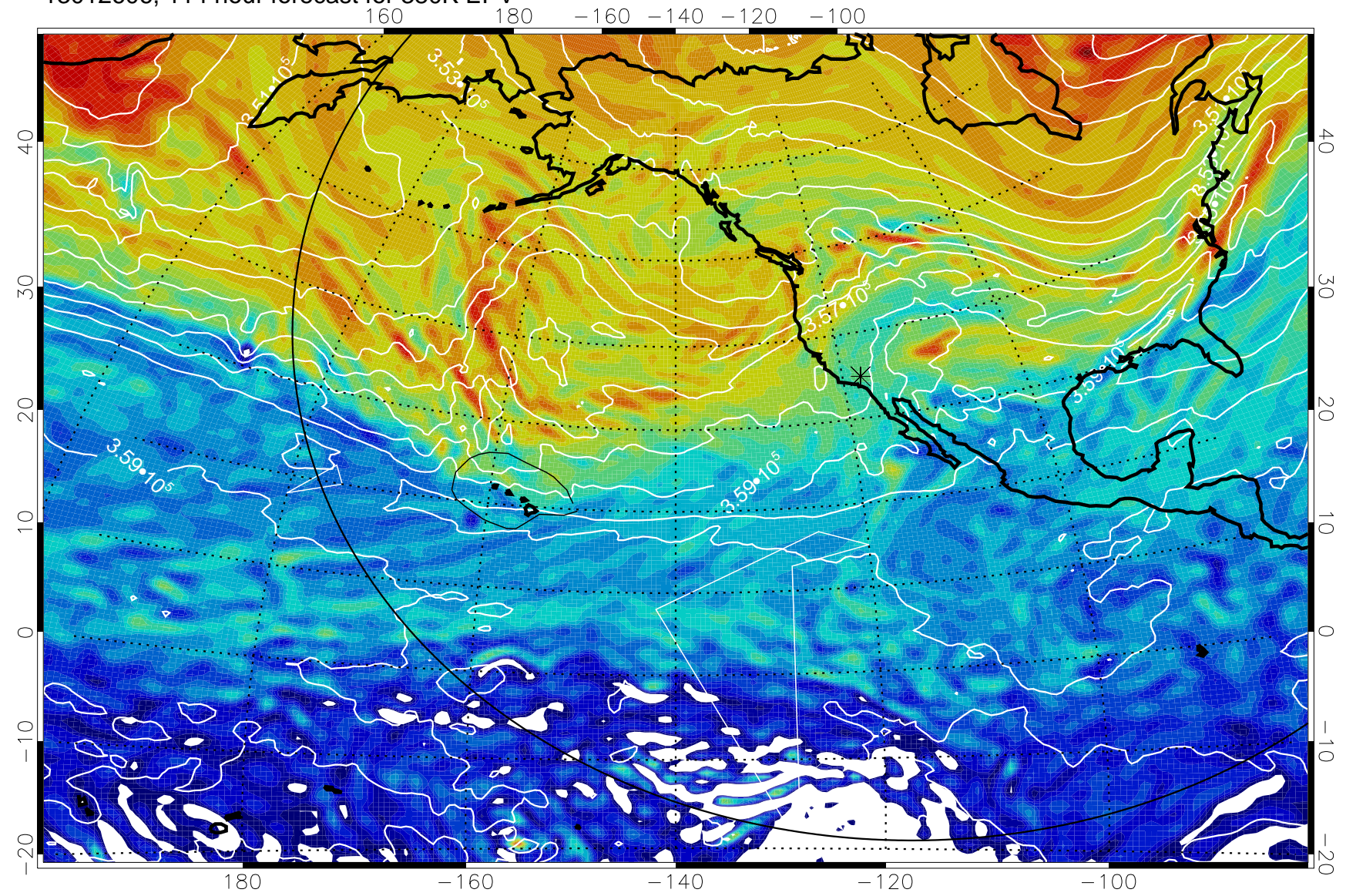
13012600, 108 hour forecast for 380K EPV



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012606, 114 hour forecast for 380K EPV

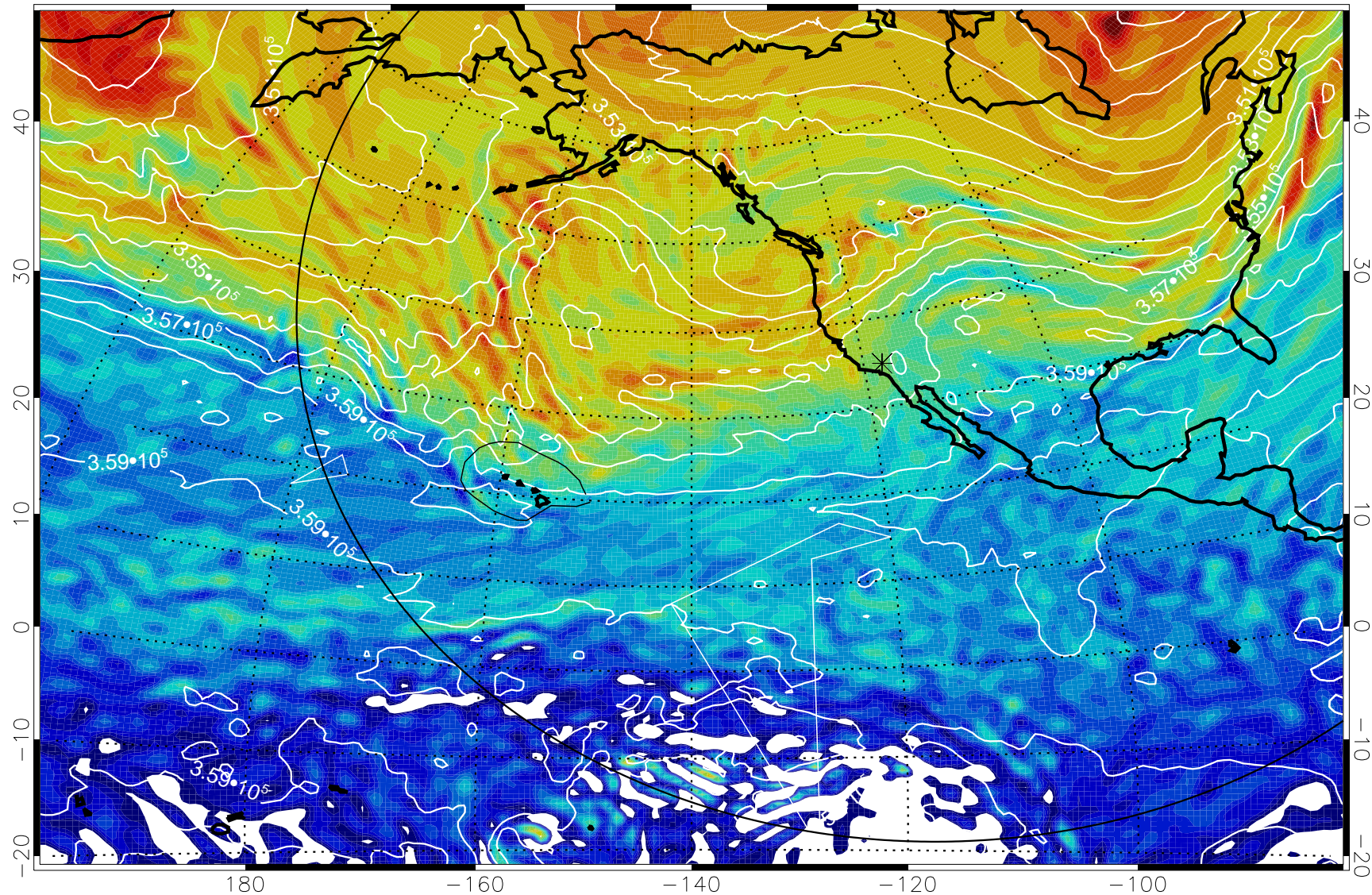


380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip

13012612, 120 hour forecast for 380K EPV

160 180 -160 -140 -120 -100



380K Montgomery Streamfunction, white

Range ring of 6000 km -- 19 hours GH round trip