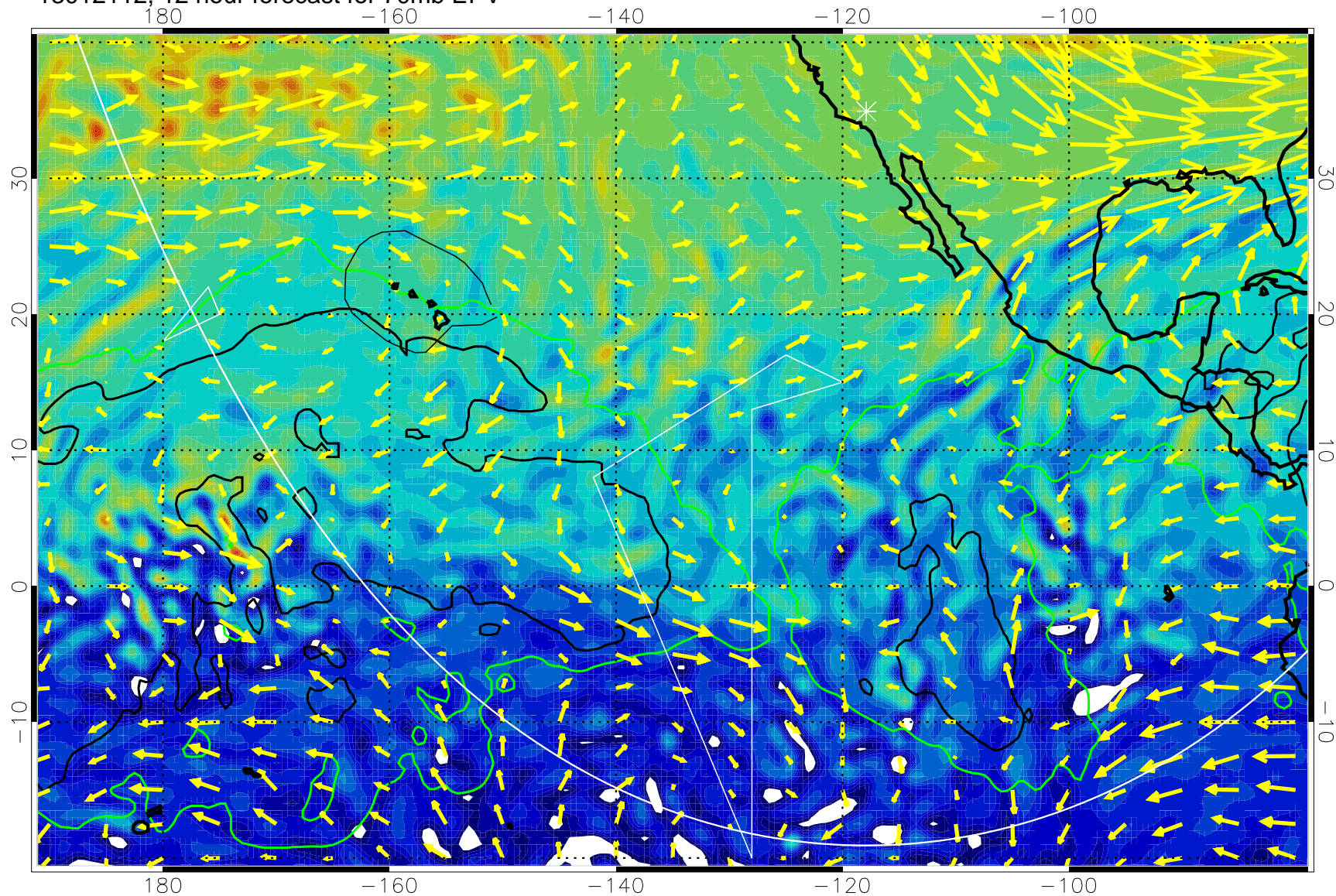


13012112, 12 hour forecast for 70mb EPV



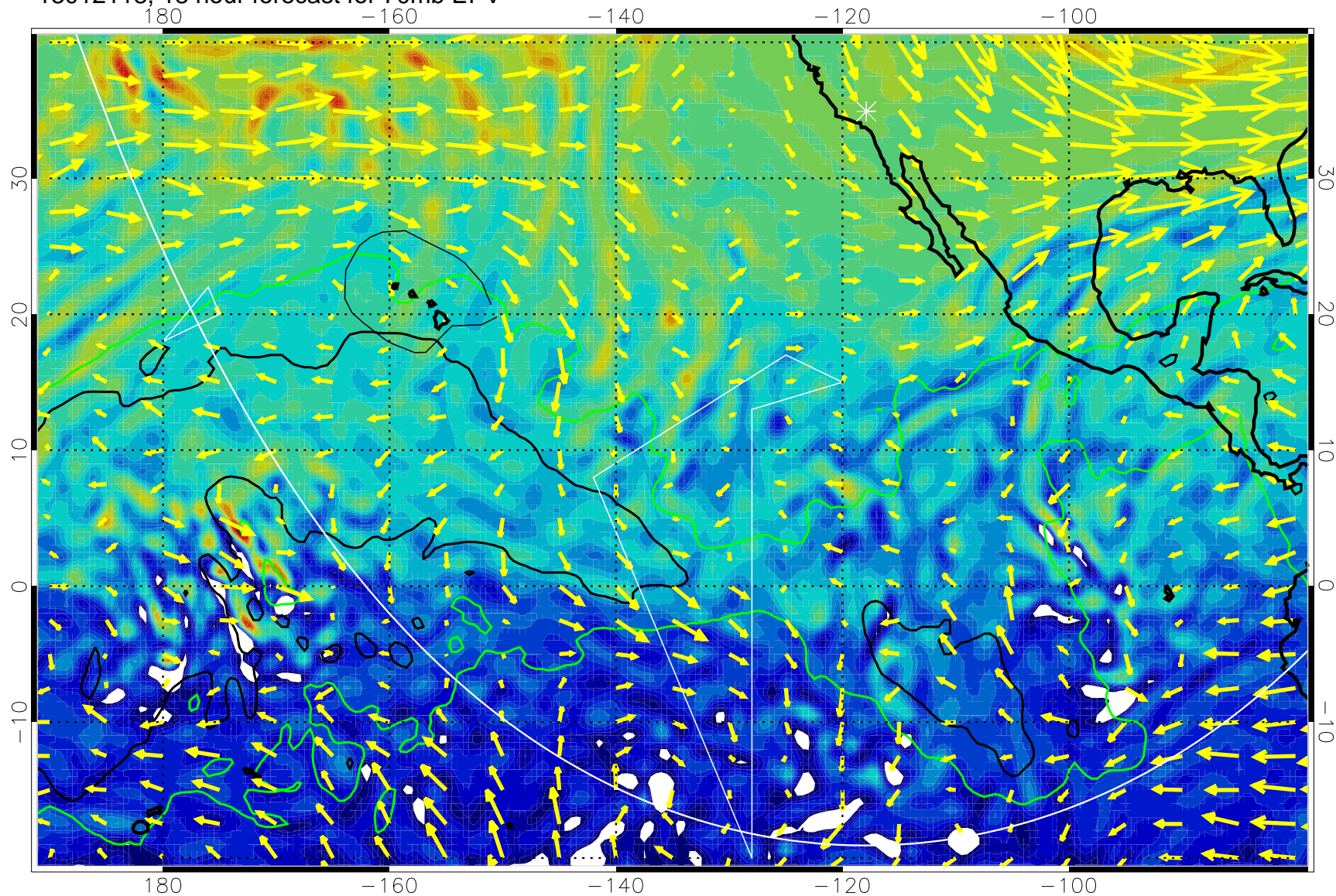
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012118, 18 hour forecast for 70mb EPV



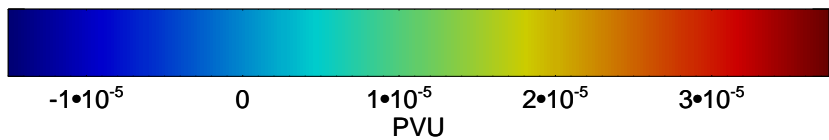
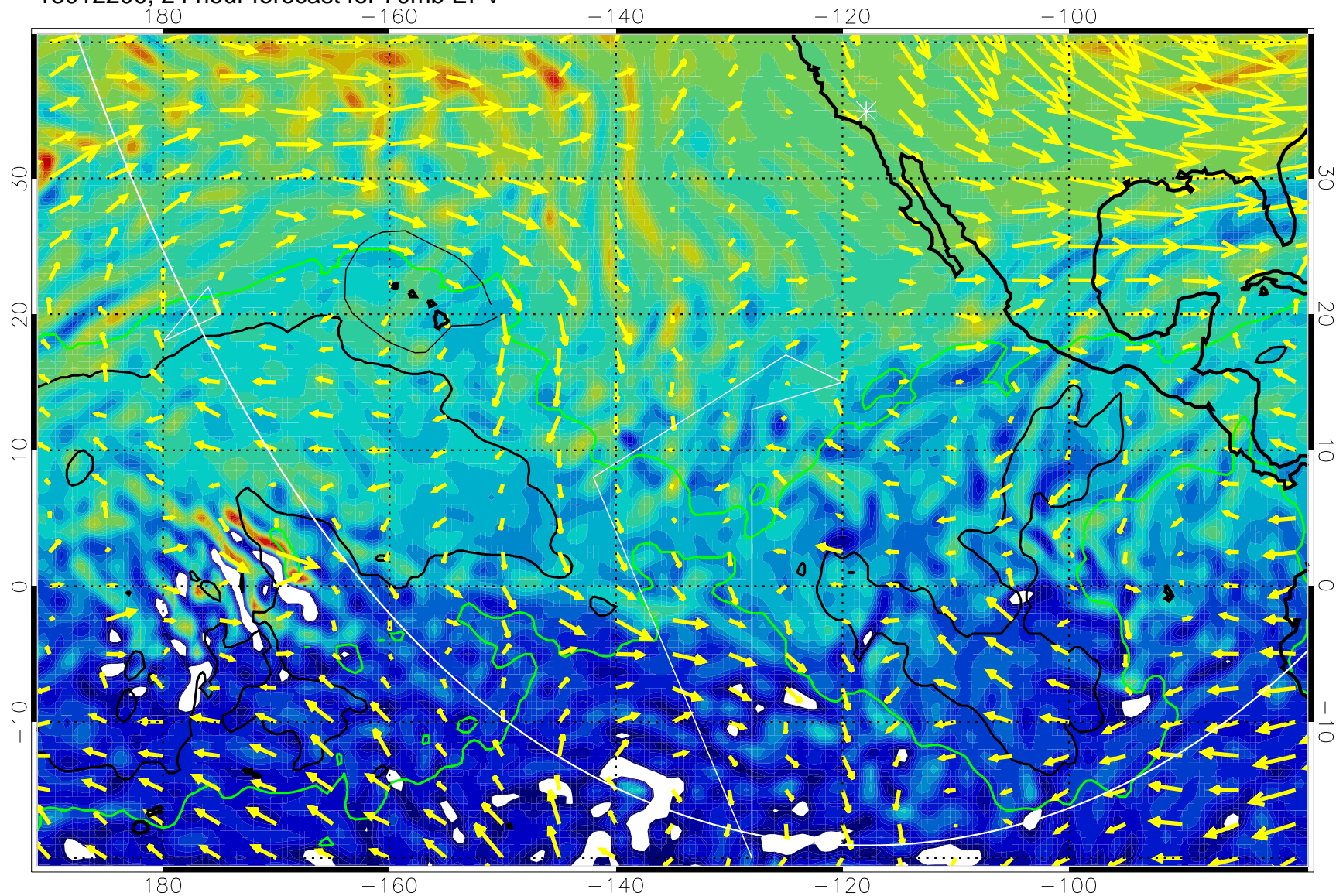
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012200, 24 hour forecast for 70mb EPV

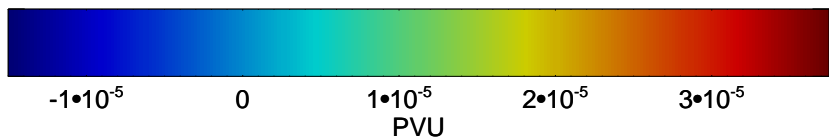
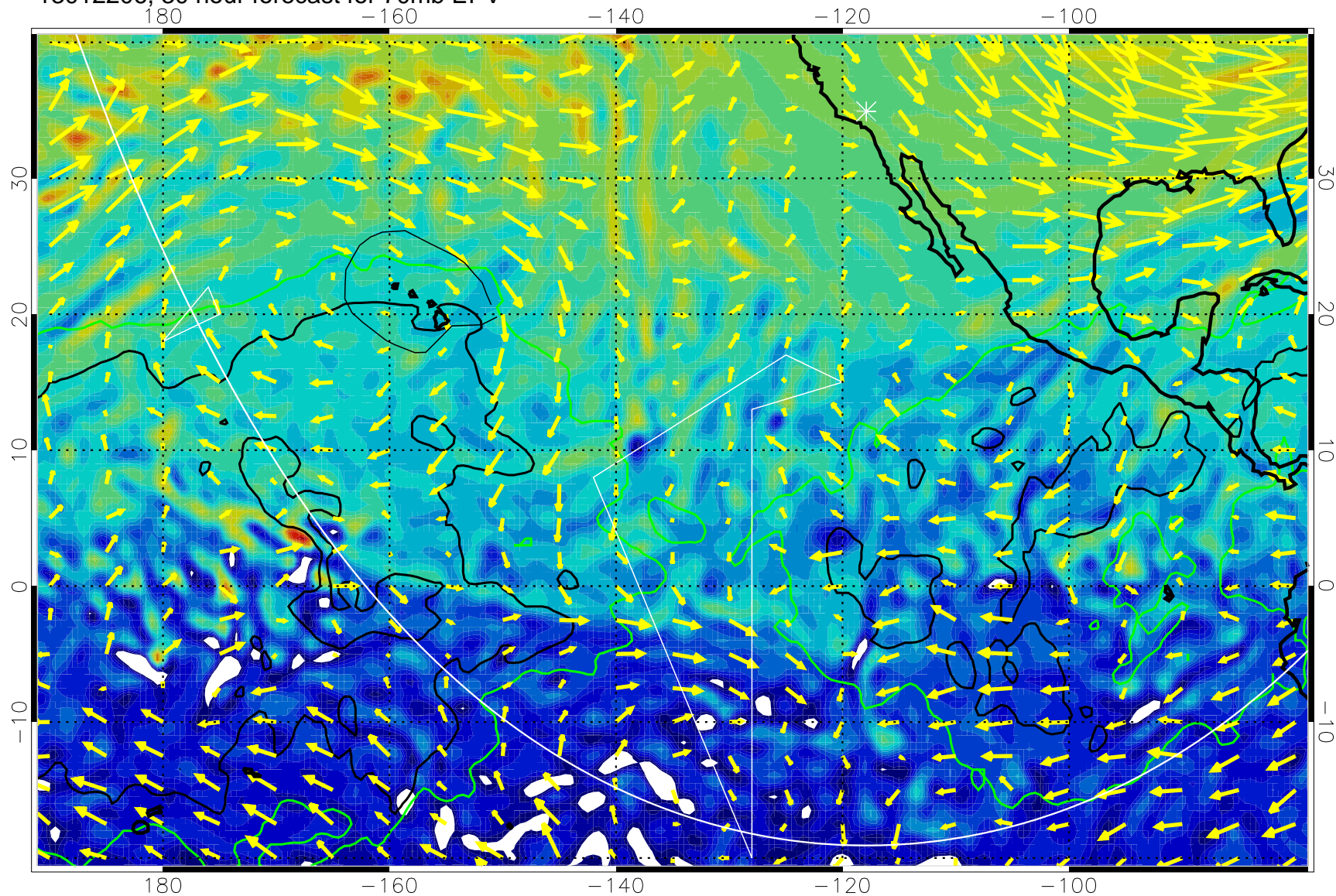


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012206, 30 hour forecast for 70mb EPV

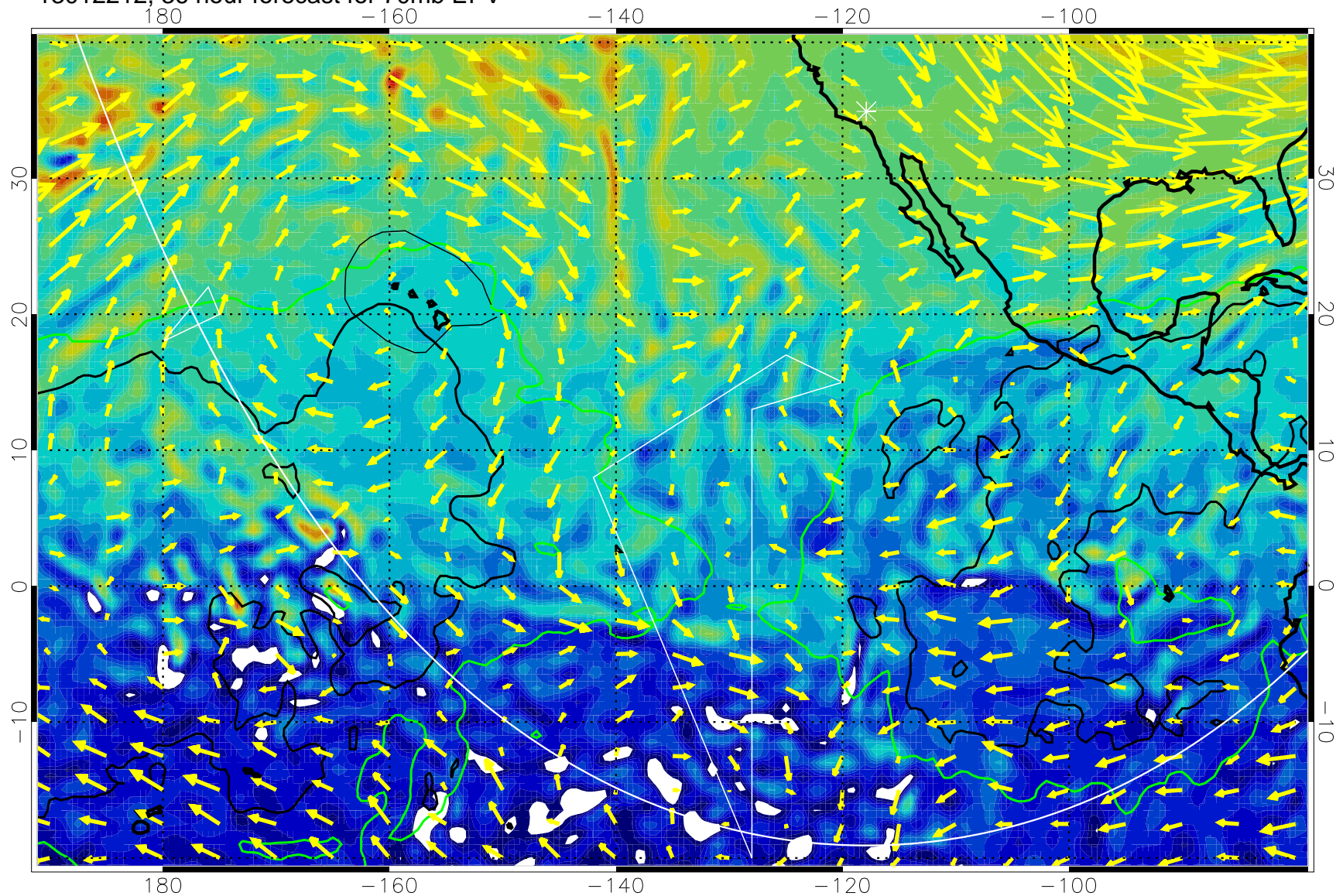


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012212, 36 hour forecast for 70mb EPV



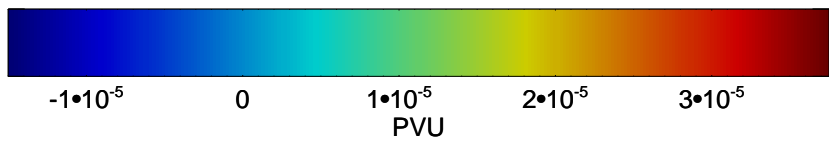
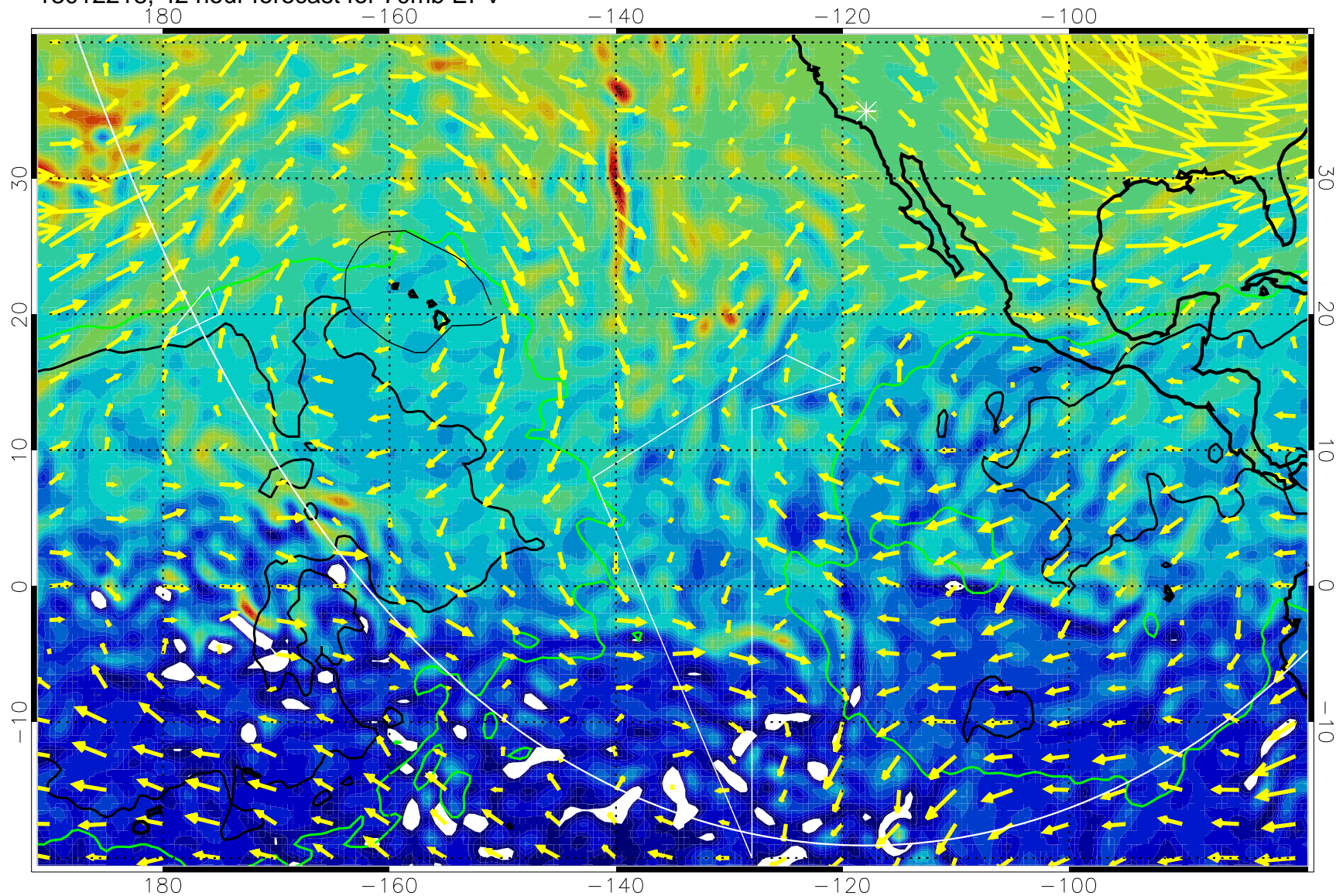
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012218, 42 hour forecast for 70mb EPV

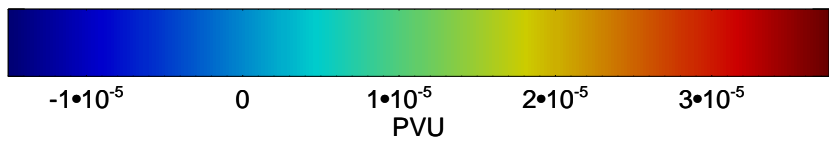
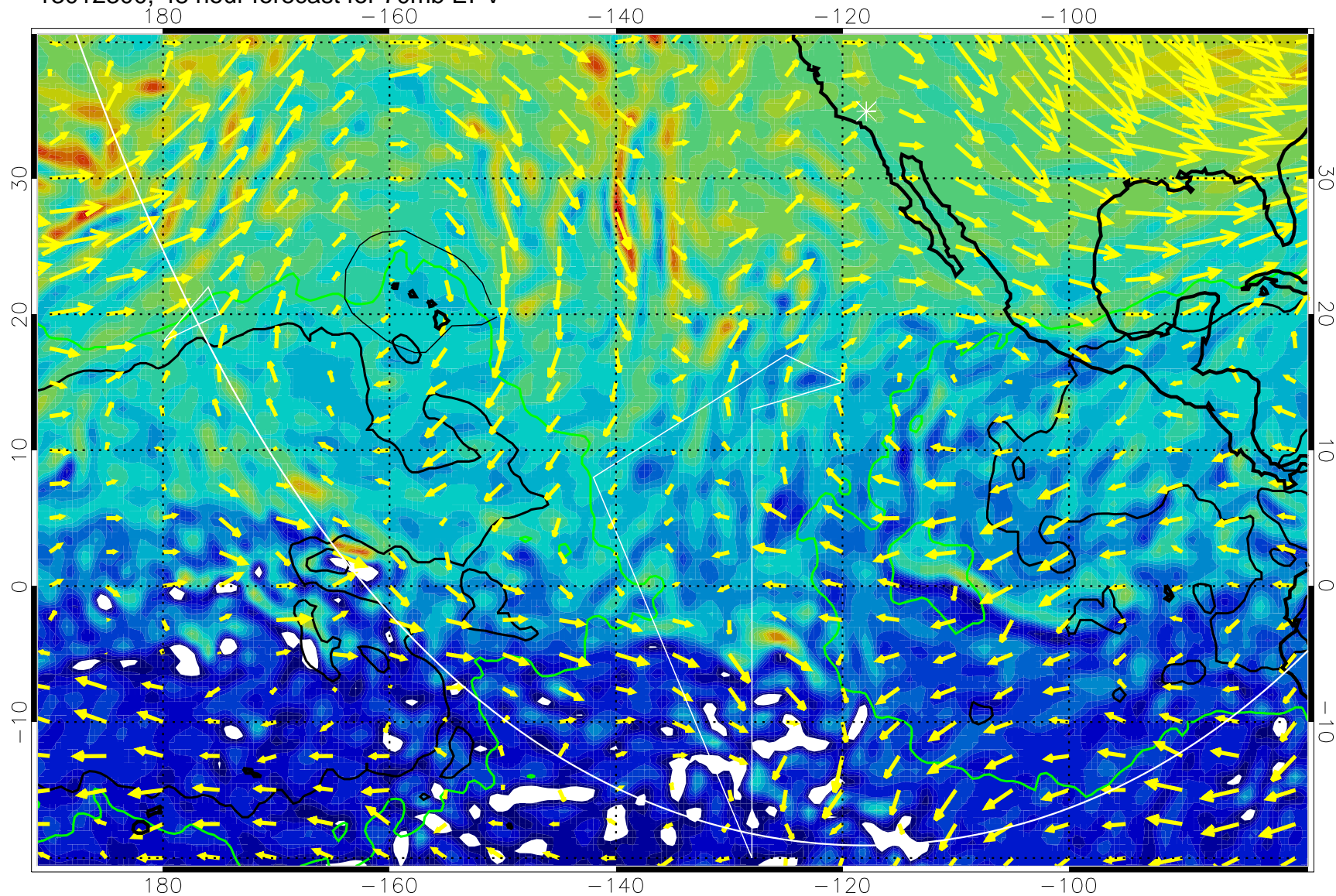


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012300, 48 hour forecast for 70mb EPV

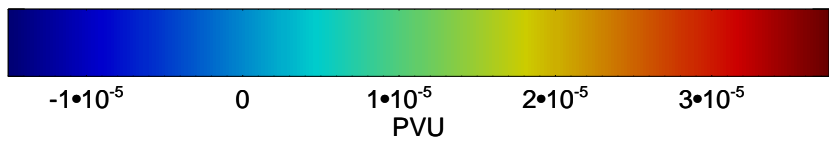
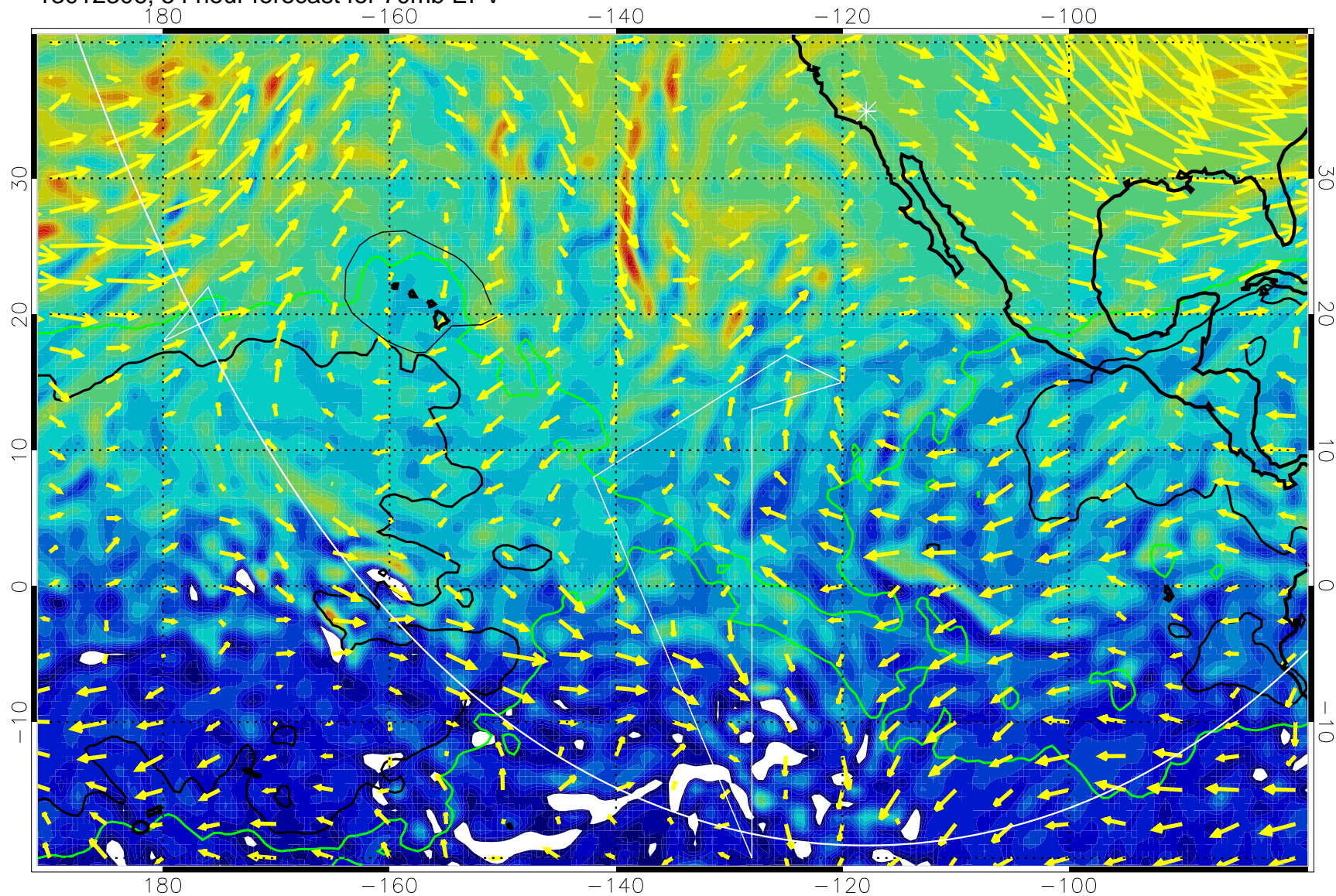


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012306, 54 hour forecast for 70mb EPV

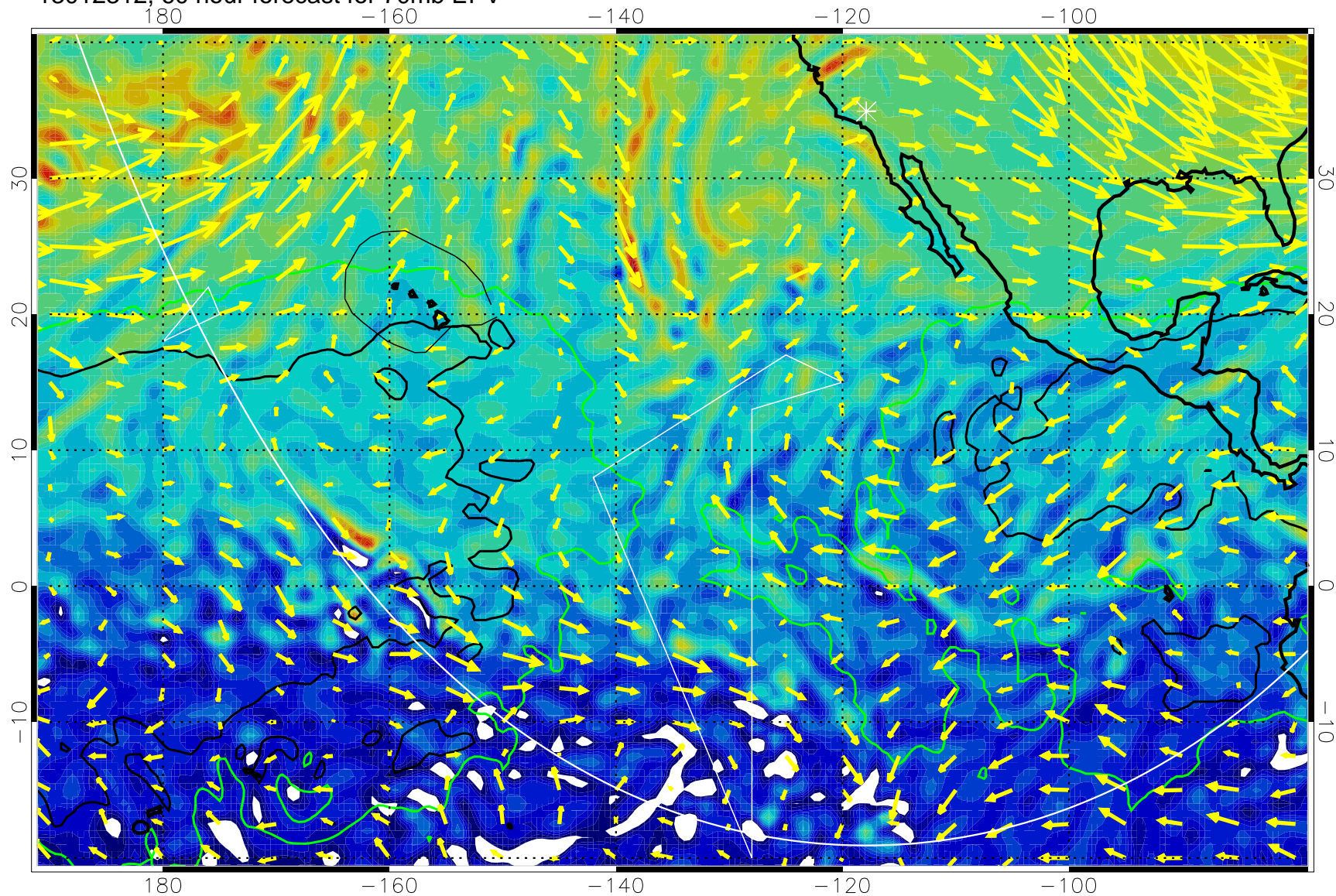


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012312, 60 hour forecast for 70mb EPV

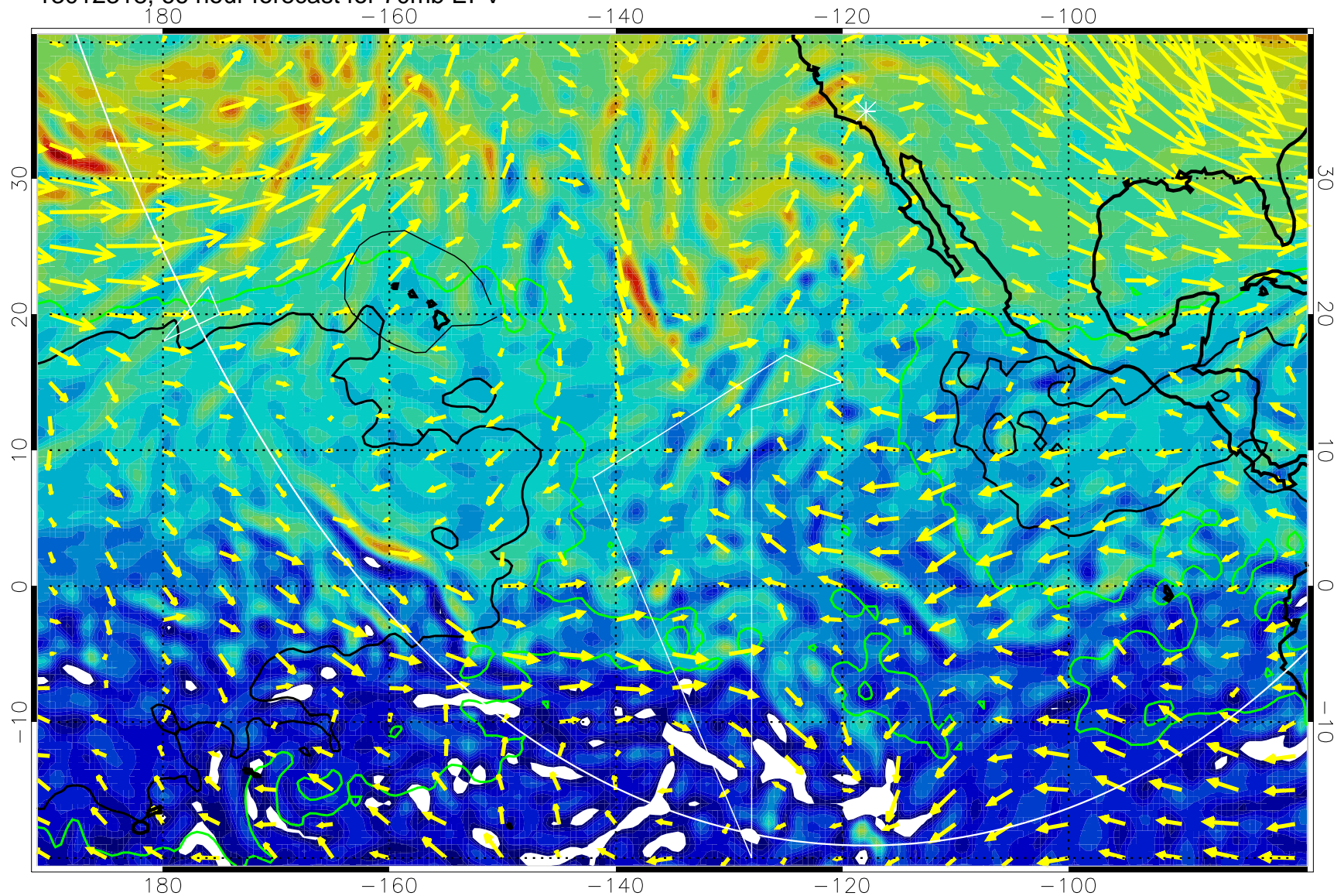


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012318, 66 hour forecast for 70mb EPV

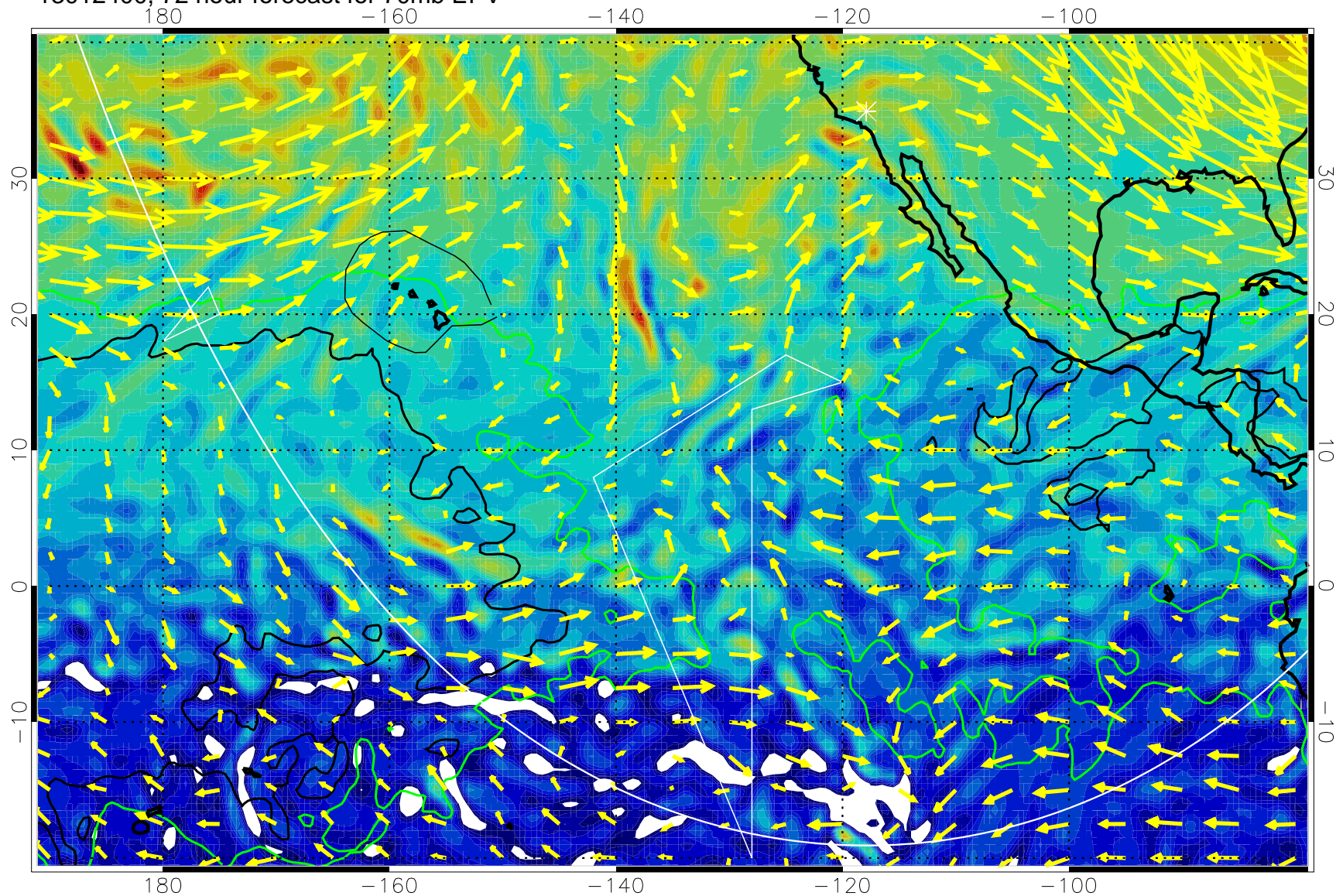


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012400, 72 hour forecast for 70mb EPV



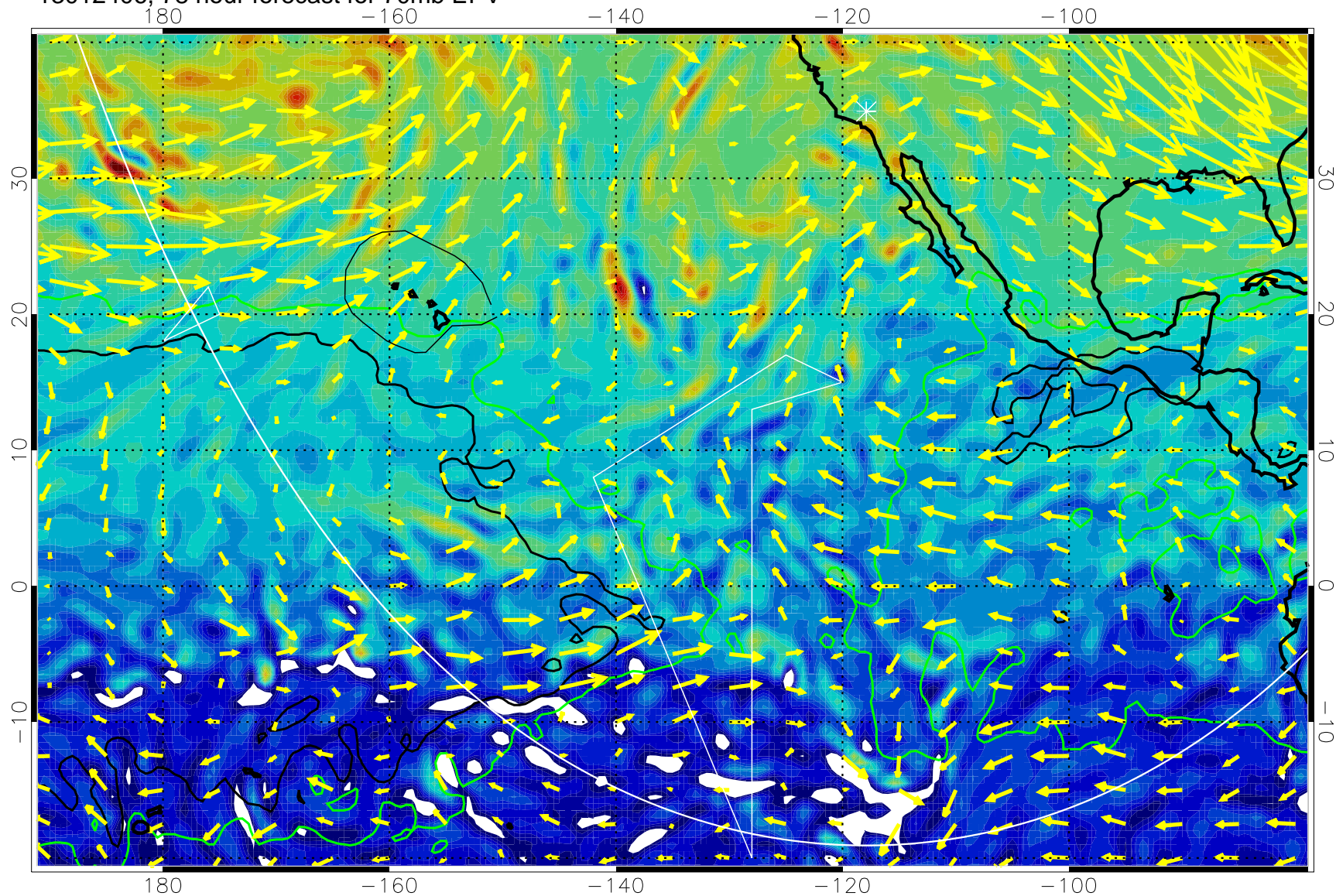
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012406, 78 hour forecast for 70mb EPV



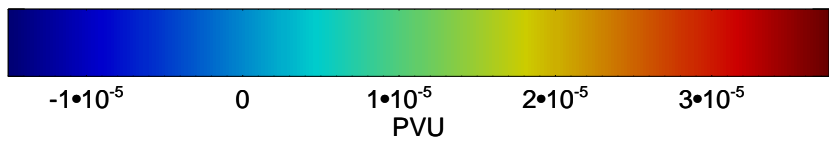
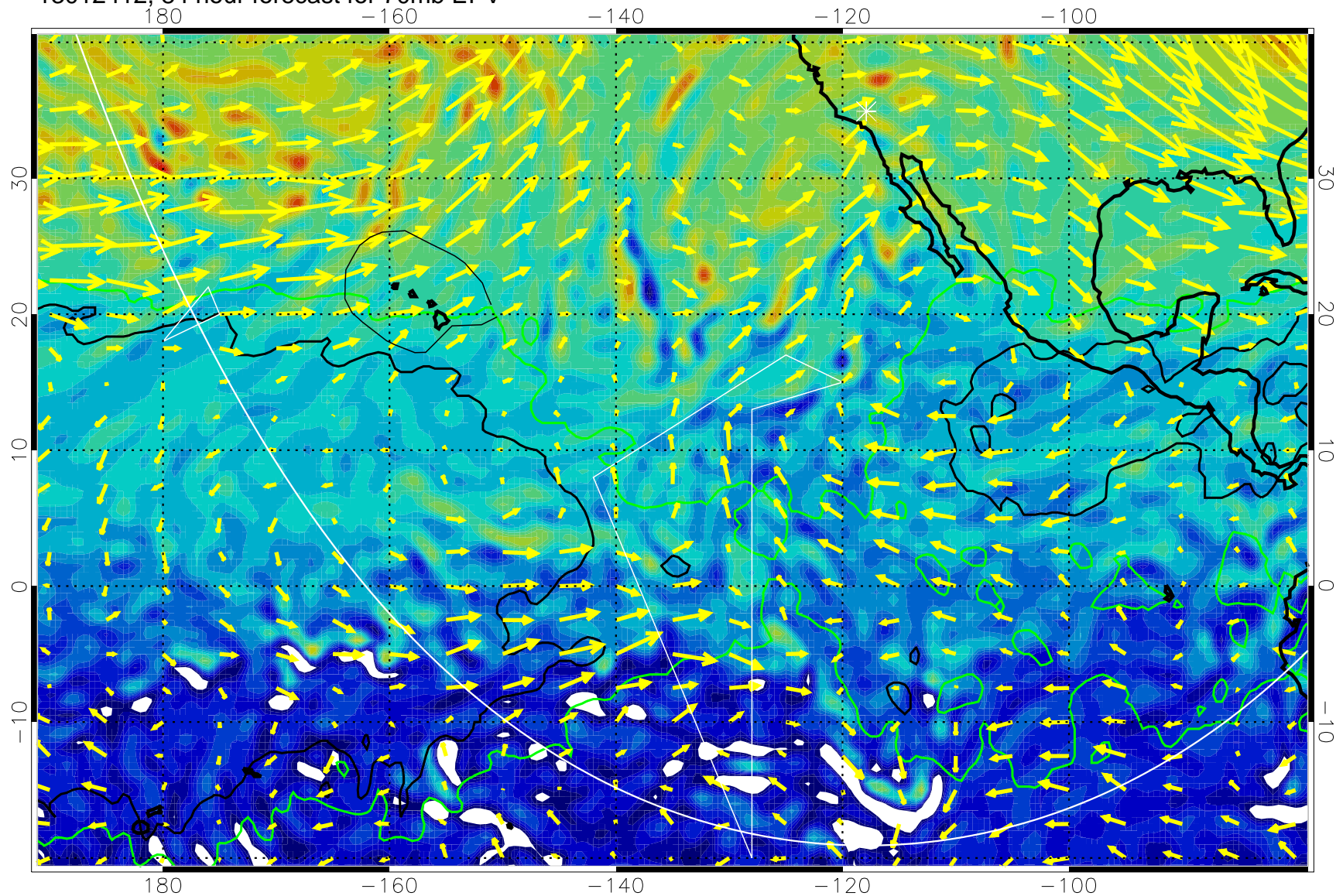
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012412, 84 hour forecast for 70mb EPV

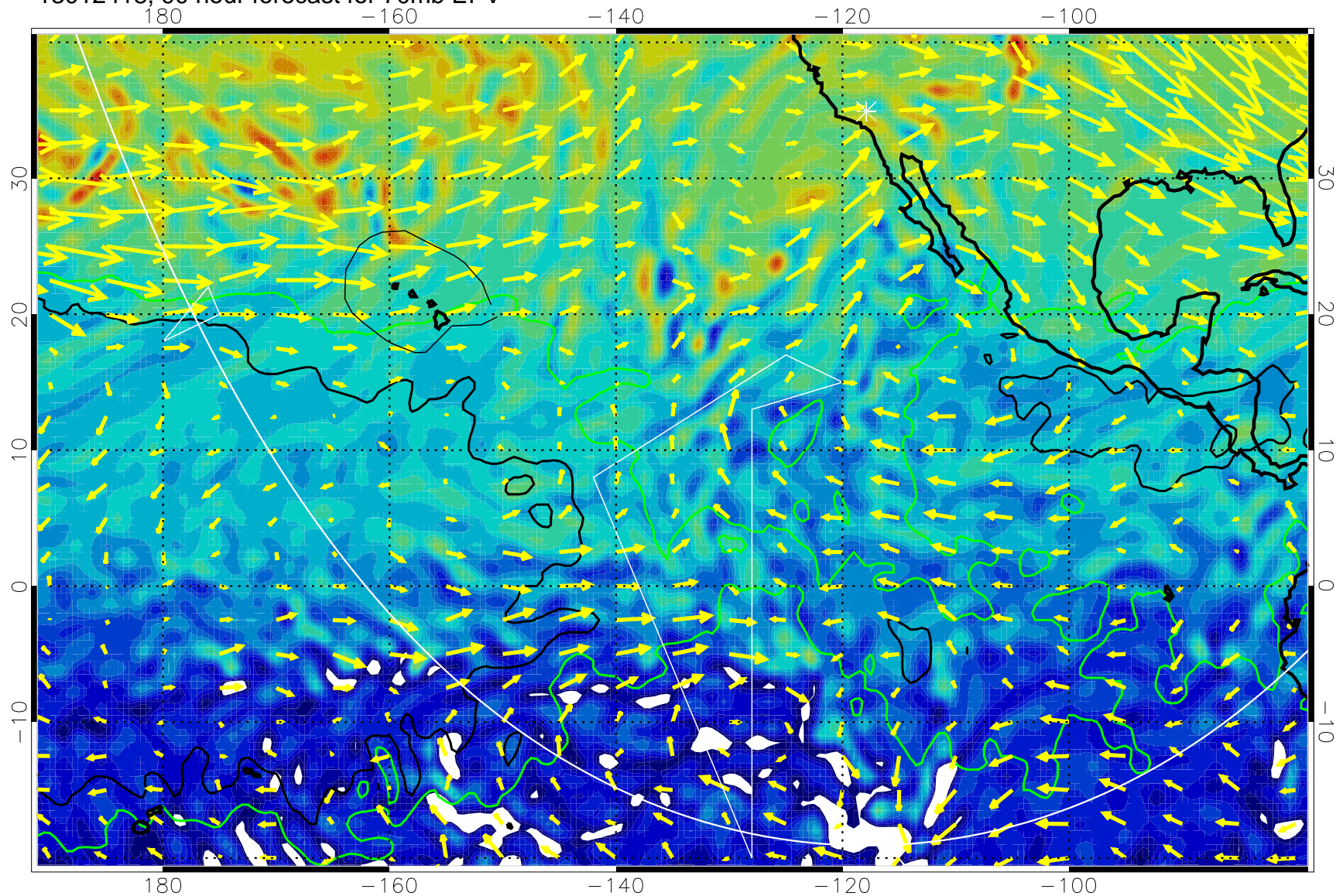


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012418, 90 hour forecast for 70mb EPV



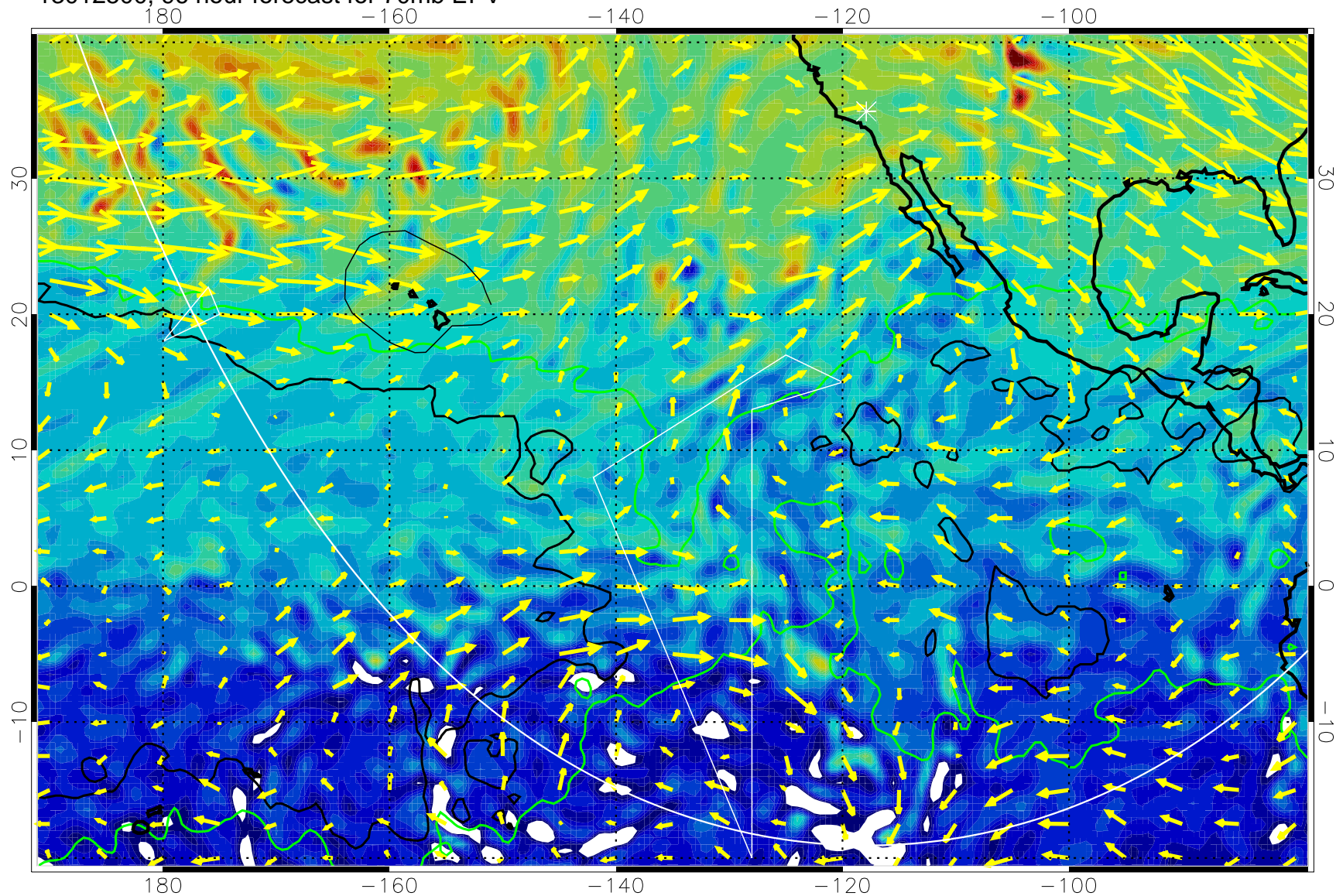
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012500, 96 hour forecast for 70mb EPV



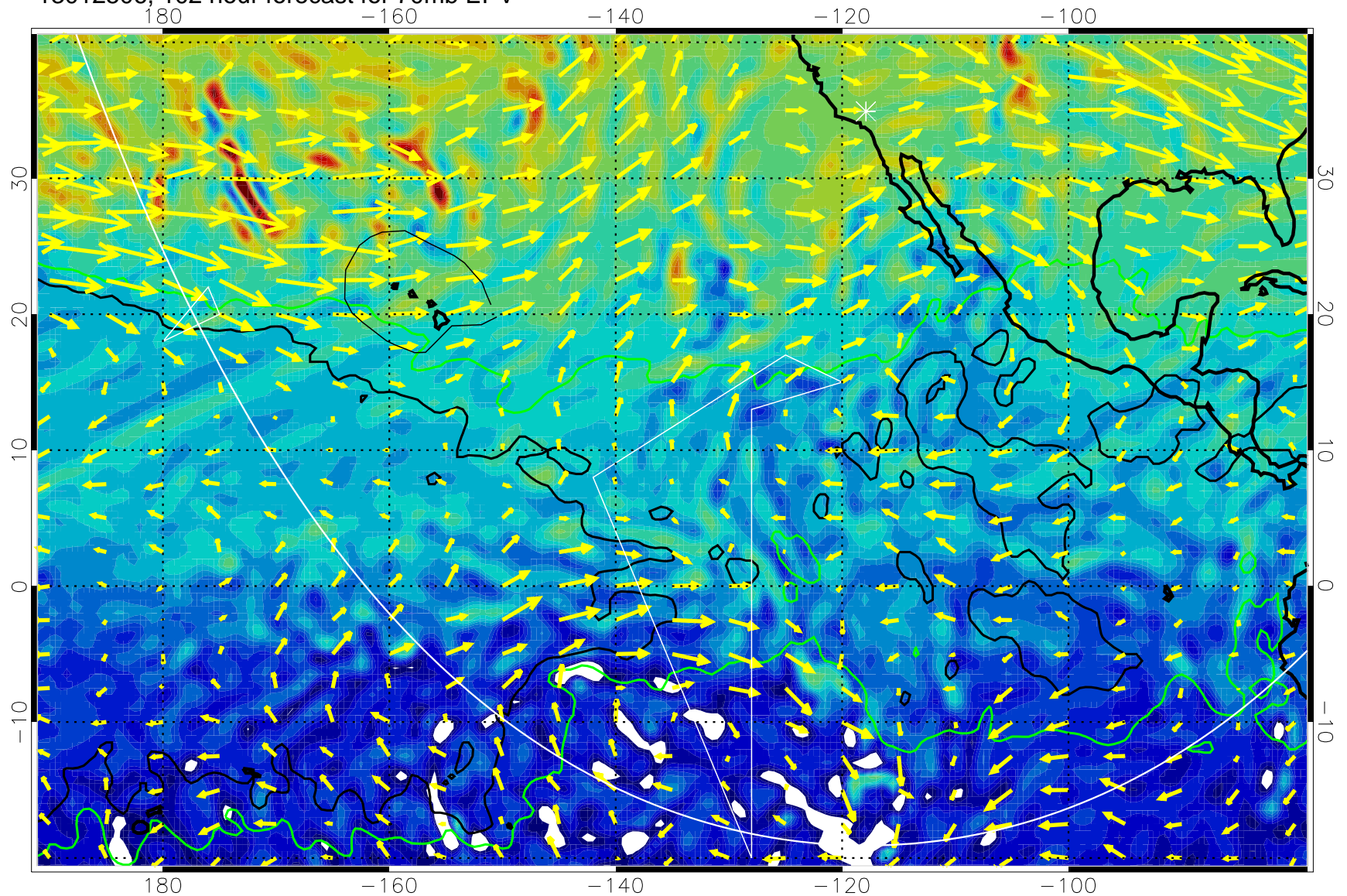
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012506, 102 hour forecast for 70mb EPV



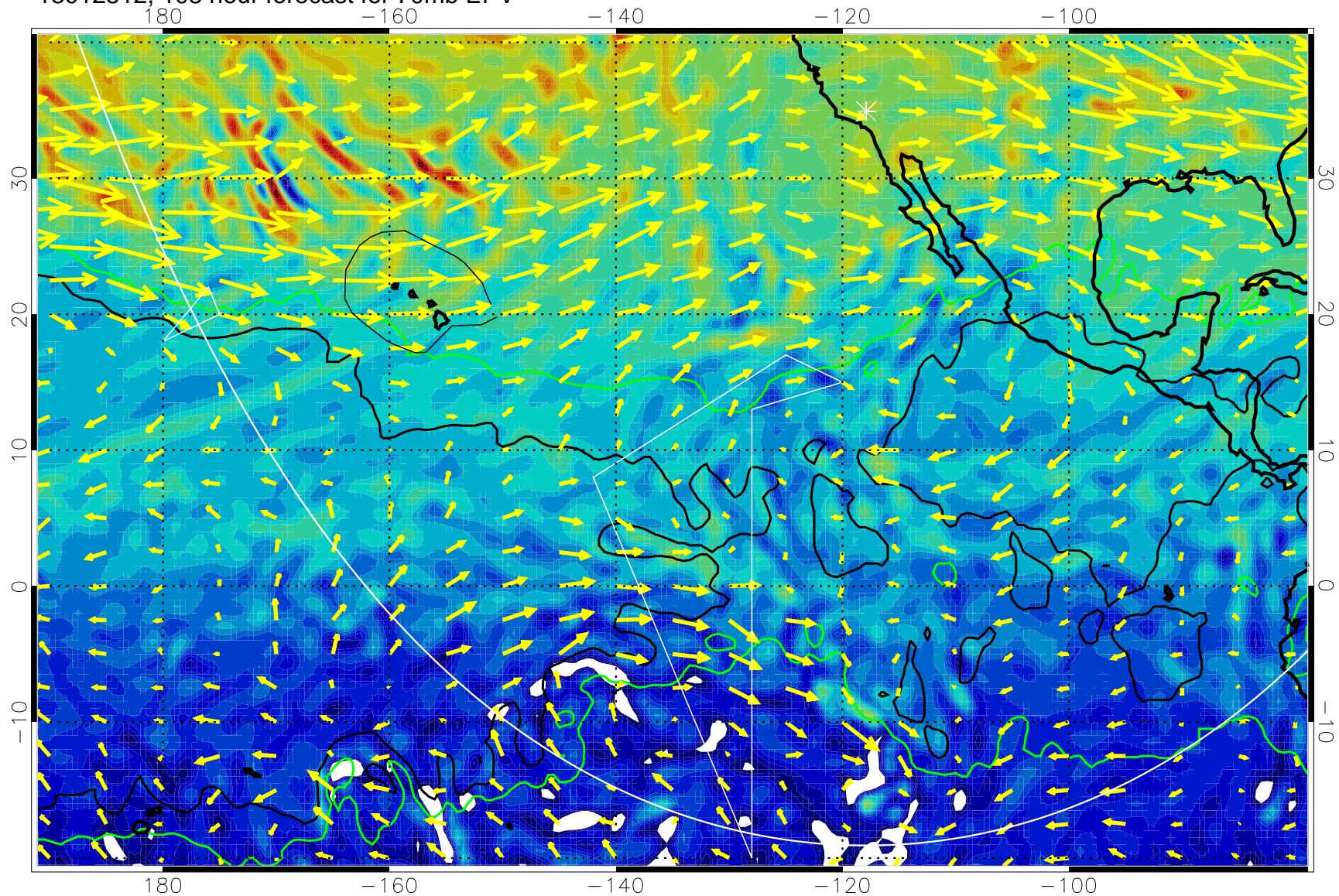
$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012512, 108 hour forecast for 70mb EPV

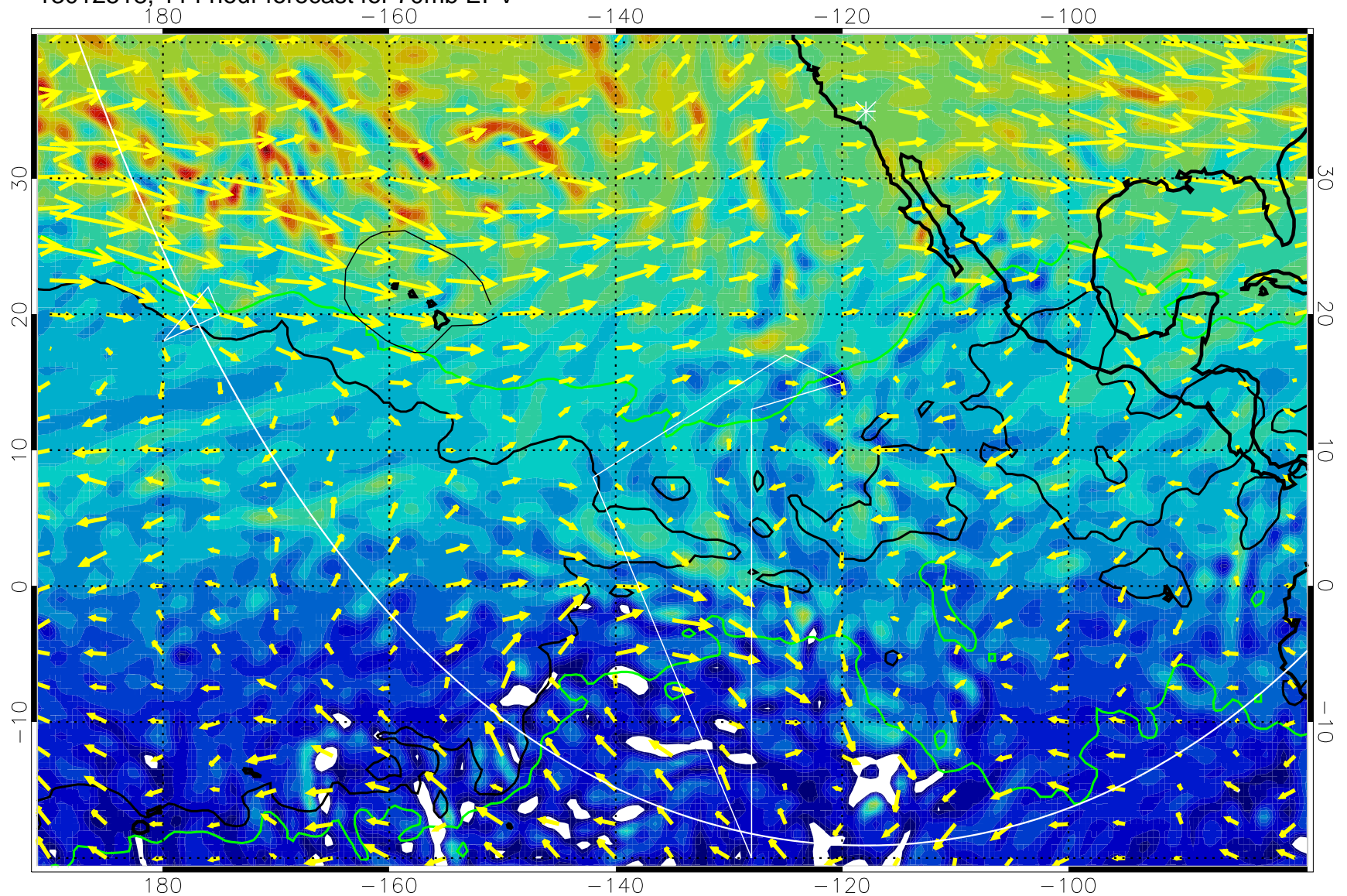


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012518, 114 hour forecast for 70mb EPV

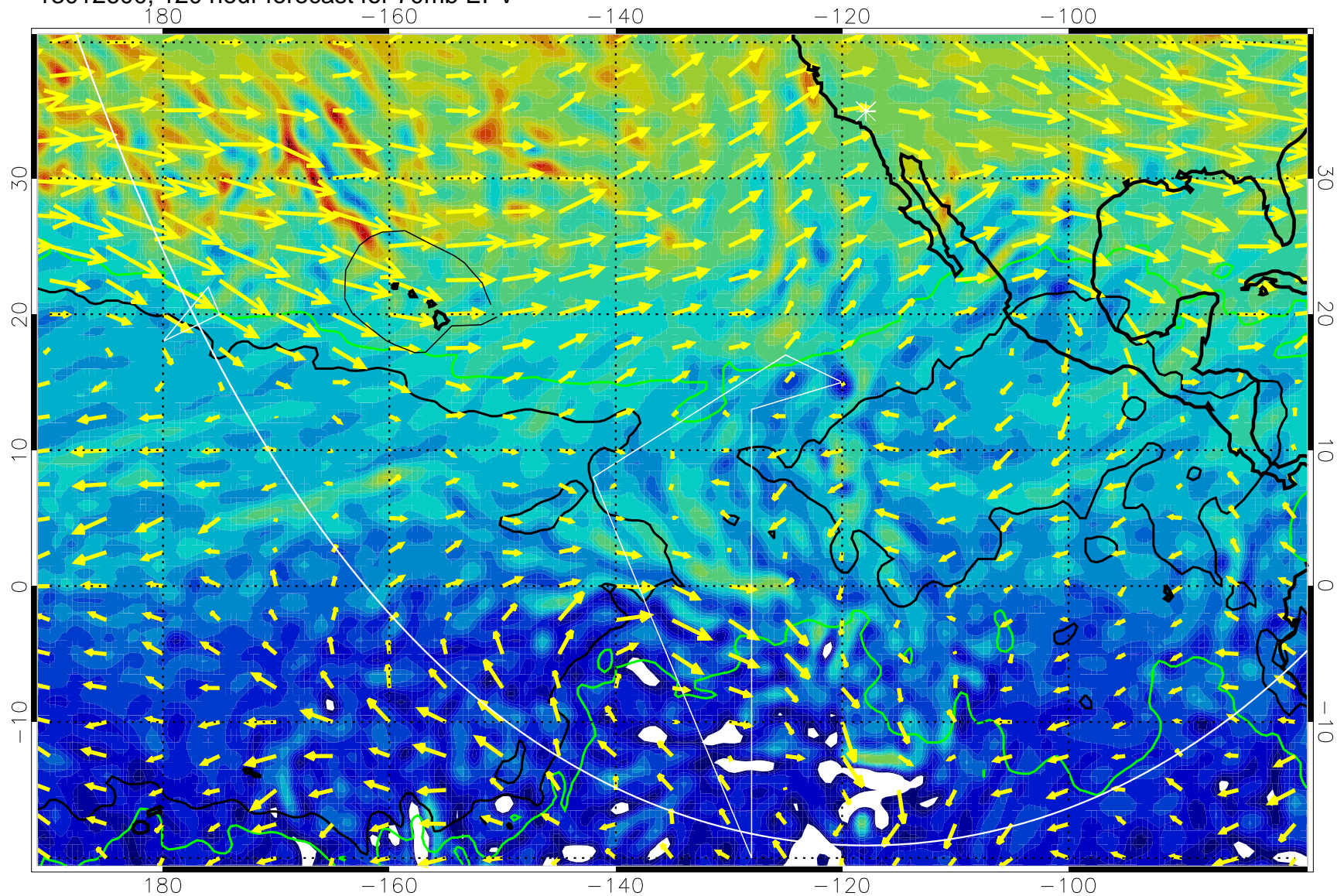


190K Isotherm 192.5K Isotherm

→ 30 m/s

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

13012600, 120 hour forecast for 70mb EPV



$-1 \cdot 10^{-5}$ 0 $1 \cdot 10^{-5}$ $2 \cdot 10^{-5}$ $3 \cdot 10^{-5}$
PVU

190K Isotherm 192.5K Isotherm

→ 30 m/s

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