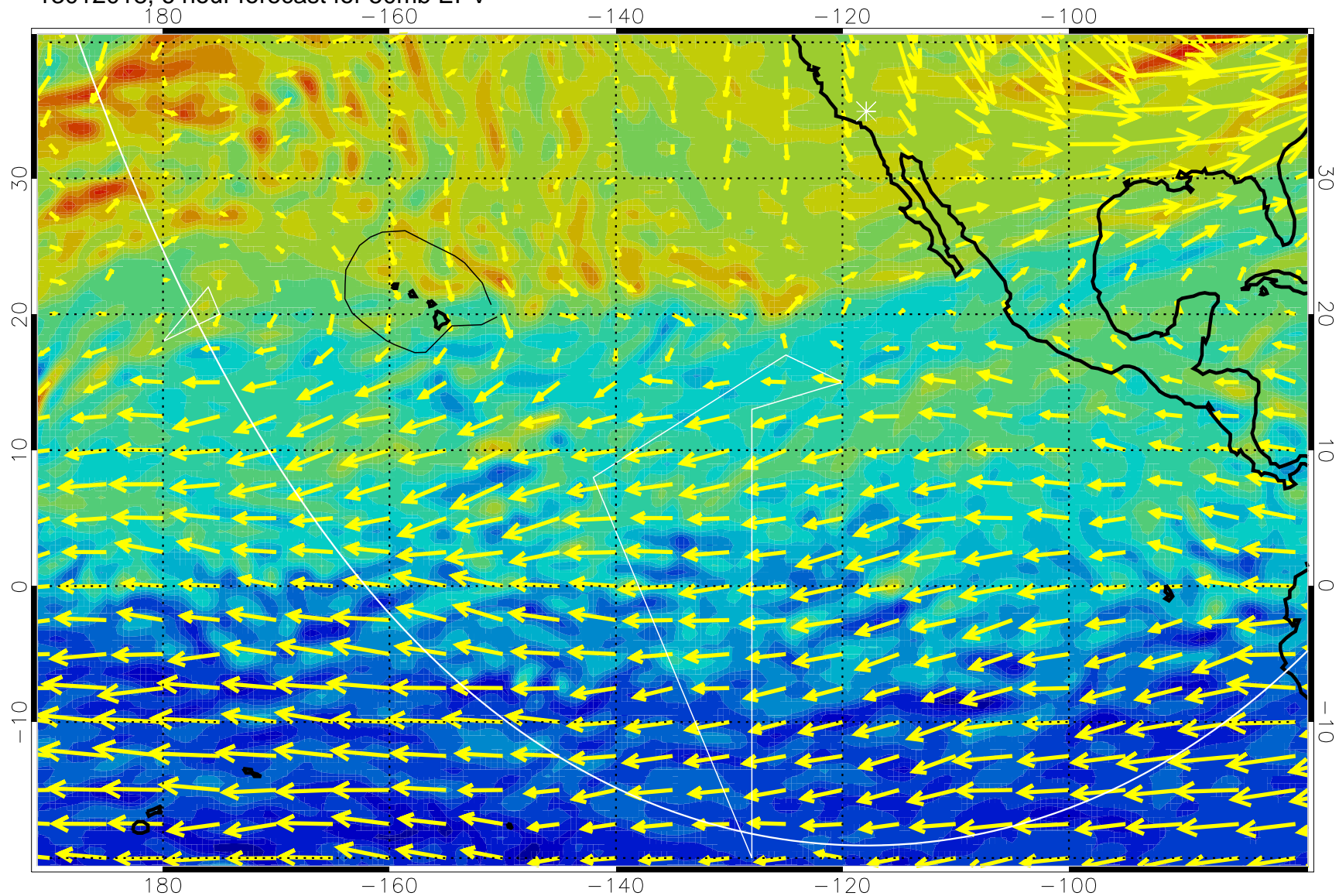


13012018, 6 hour forecast for 50mb EPV



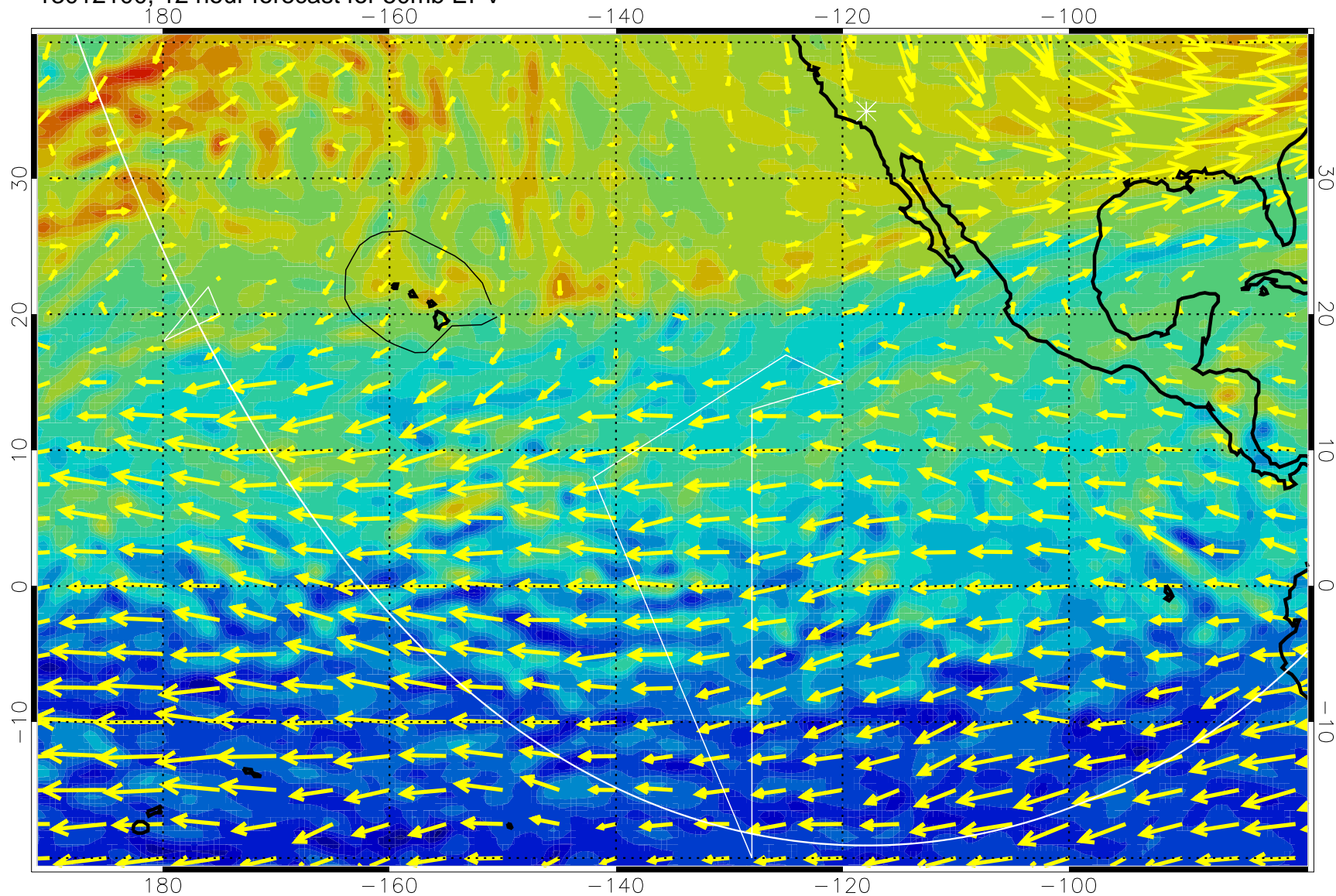
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$

PVU

→ 30 m/s

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

13012100, 12 hour forecast for 50mb EPV



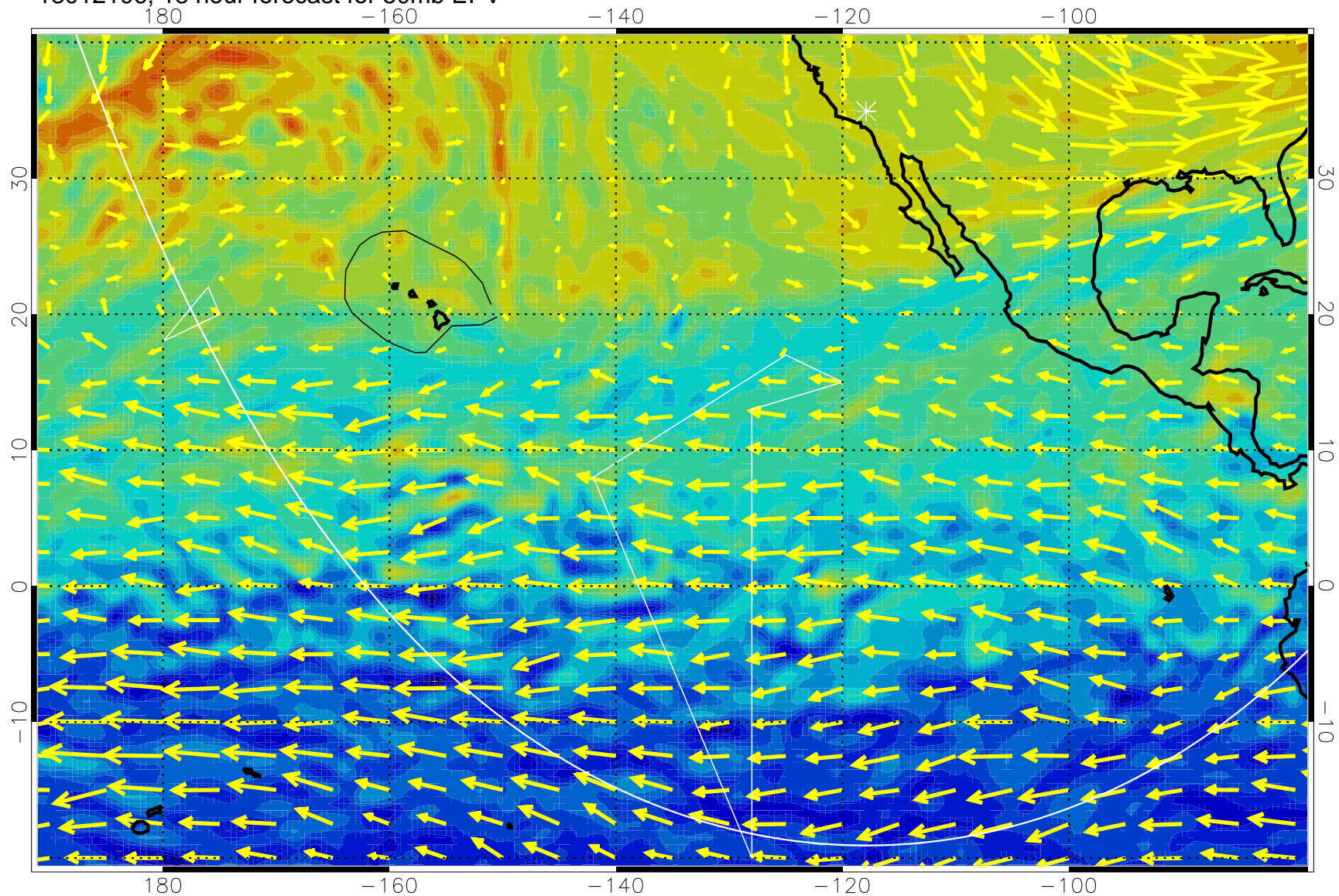
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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



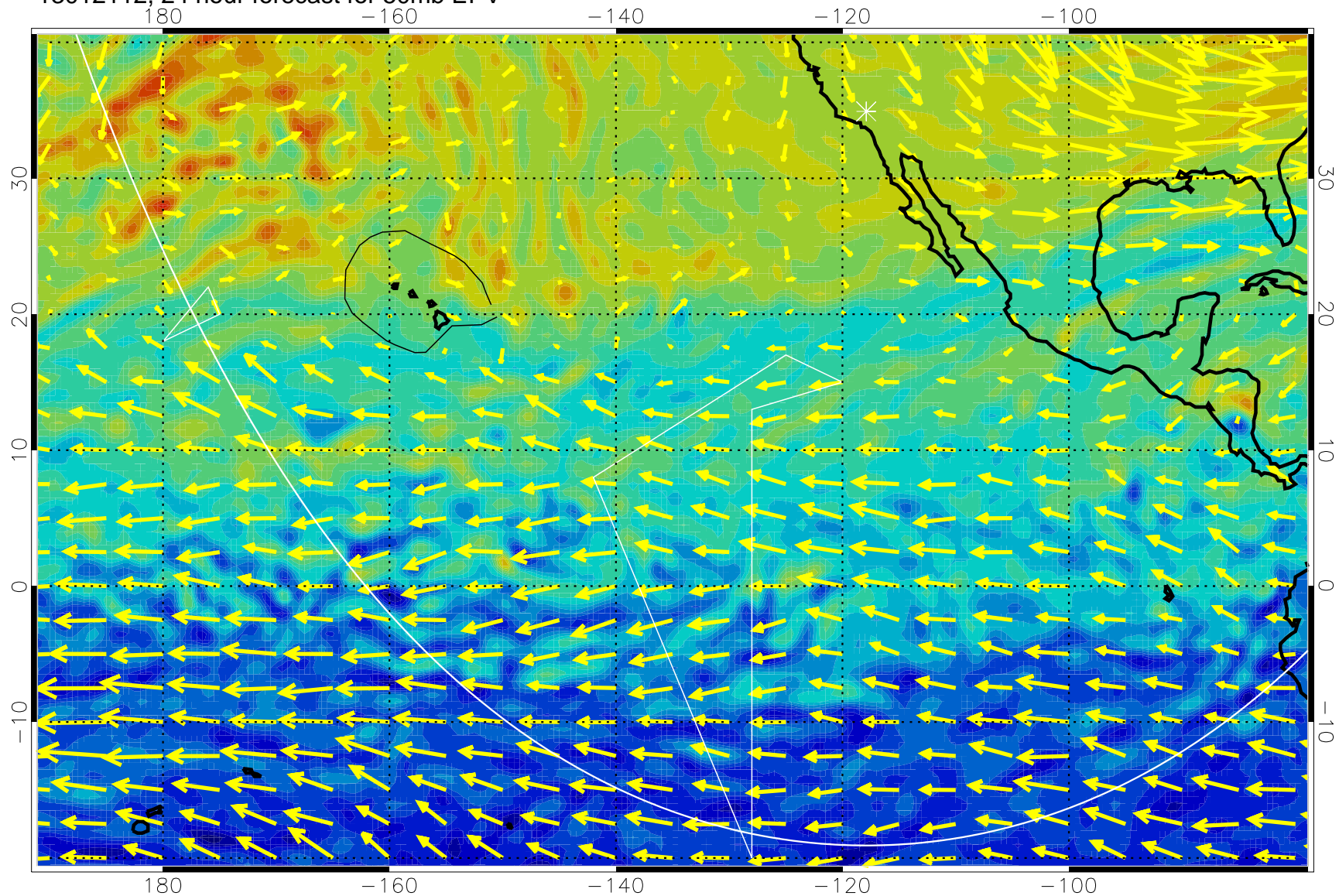
13012106, 18 hour forecast for 50mb EPV



$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip

13012112, 24 hour forecast for 50mb EPV



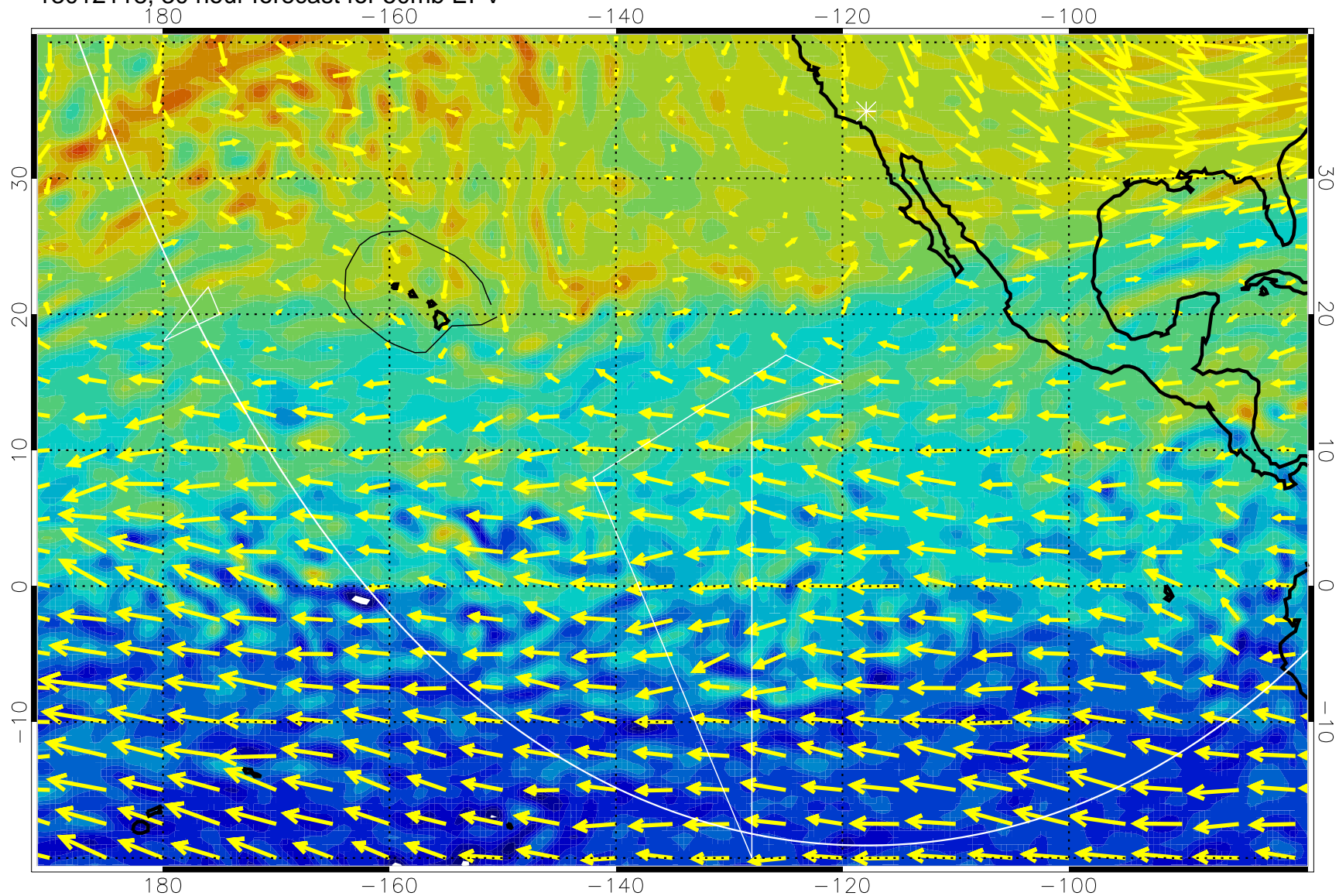
PVU

→ 30 m/s

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



13012118, 30 hour forecast for 50mb EPV

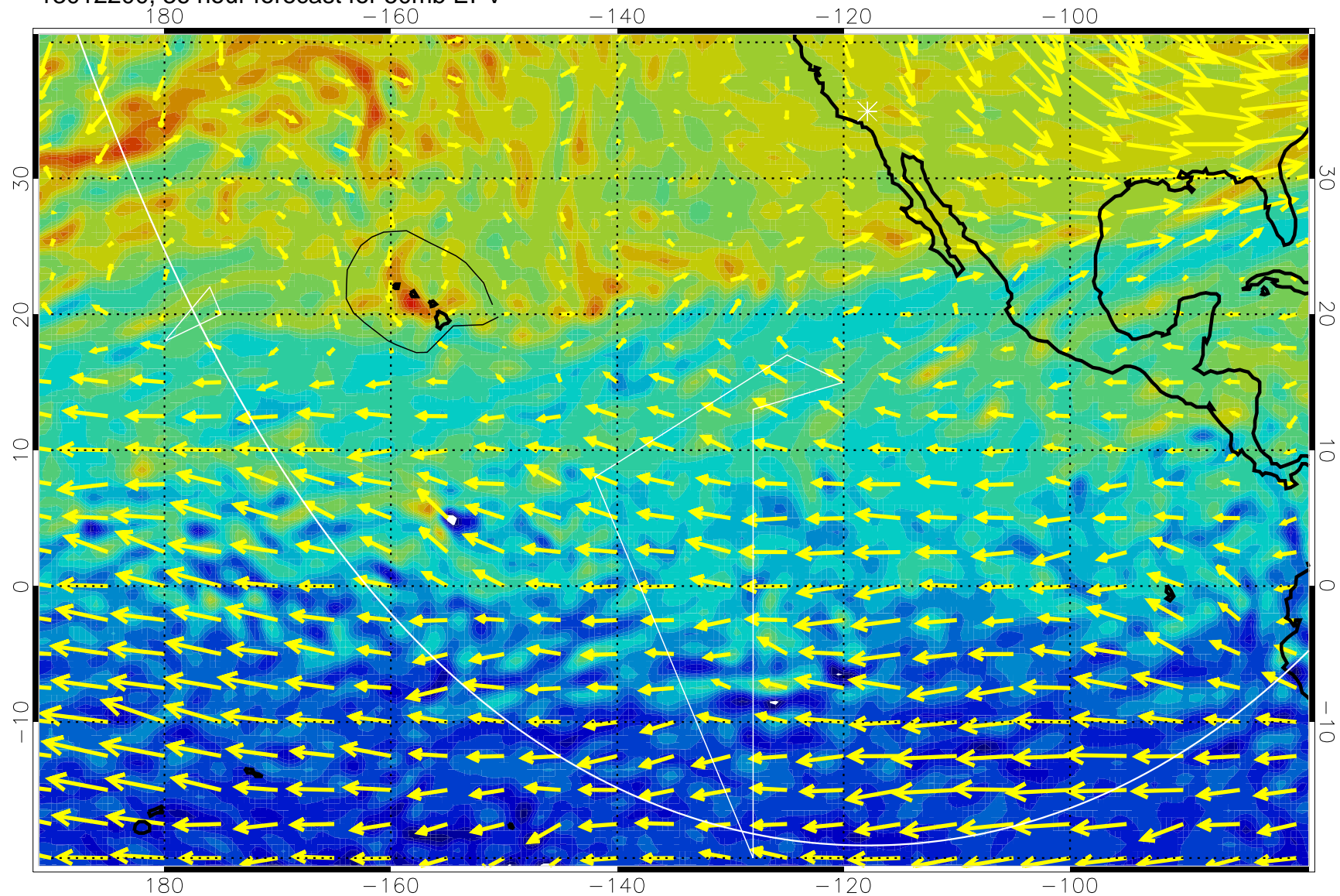


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012200, 36 hour forecast for 50mb EPV



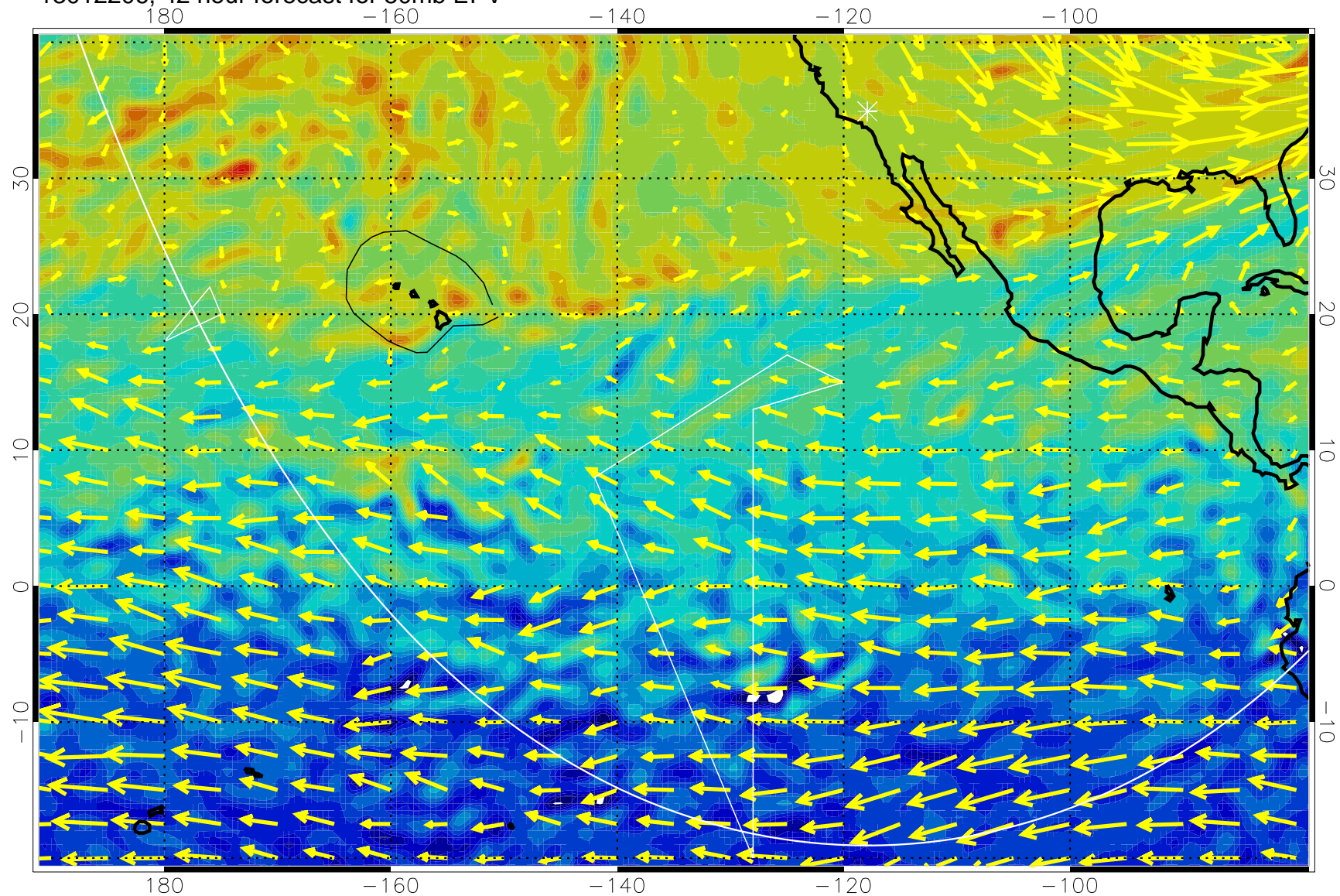
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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



13012206, 42 hour forecast for 50mb EPV

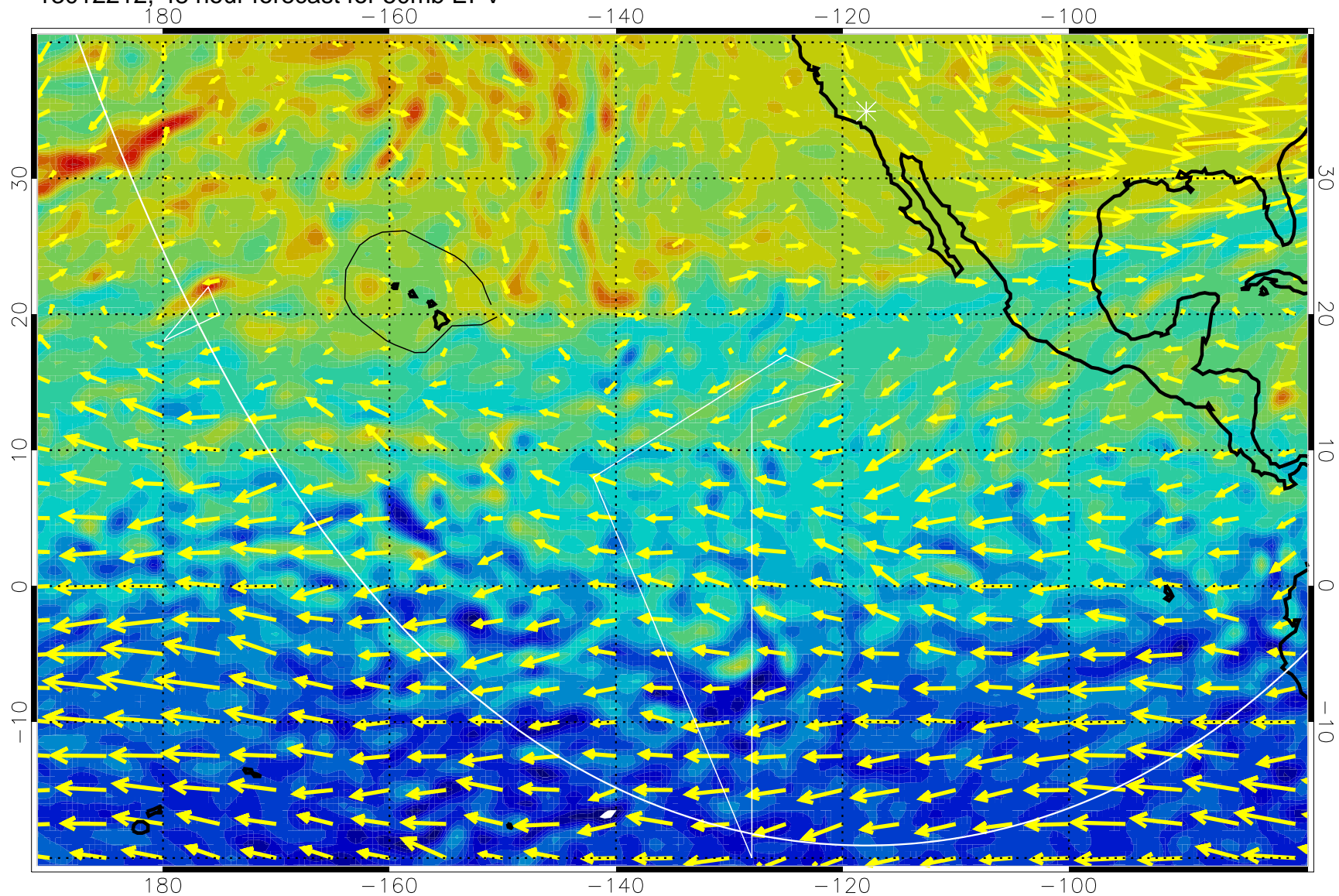


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012212, 48 hour forecast for 50mb EPV

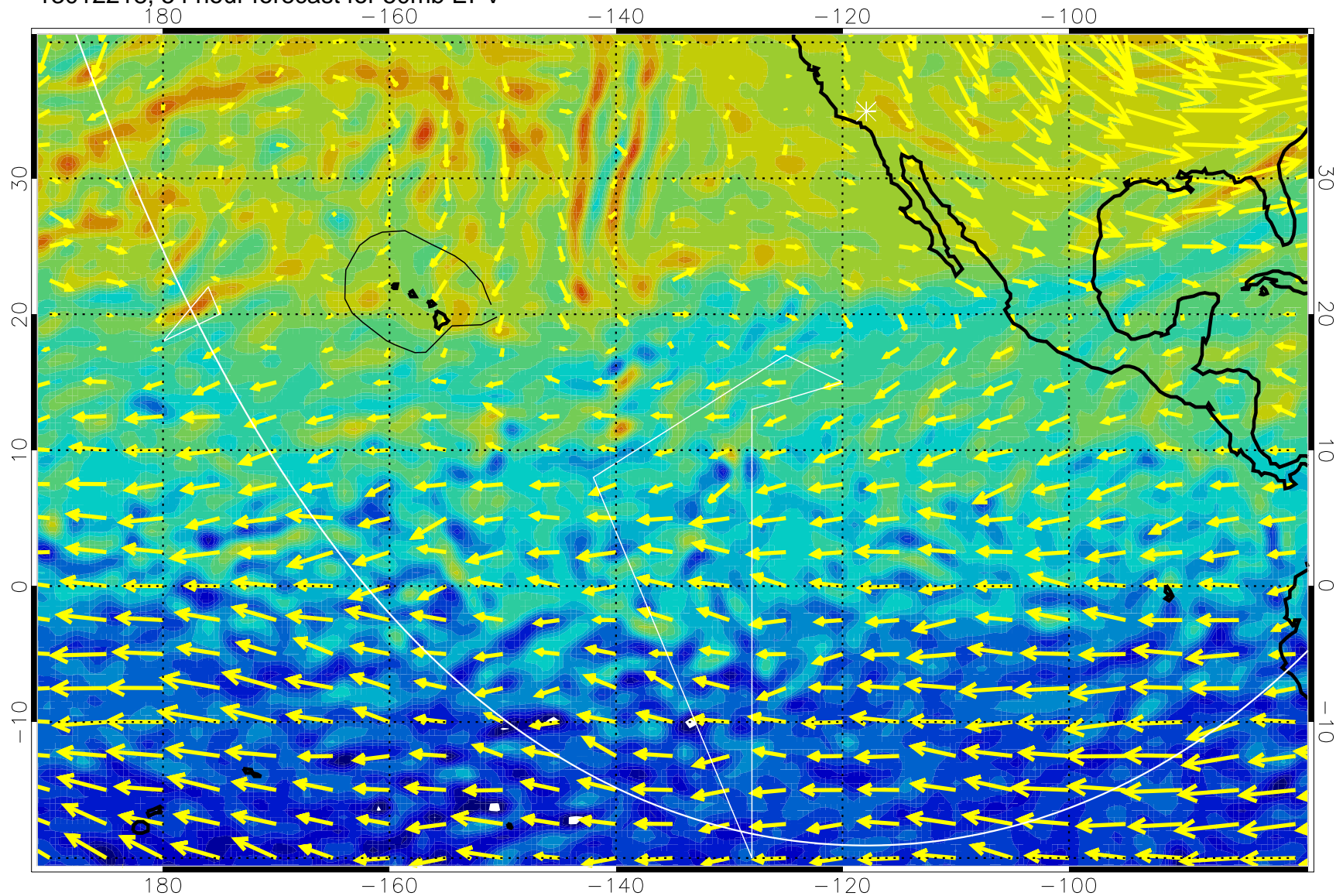


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s  
Range ring of 6000 km -- 19 hours GH round trip



13012218, 54 hour forecast for 50mb EPV



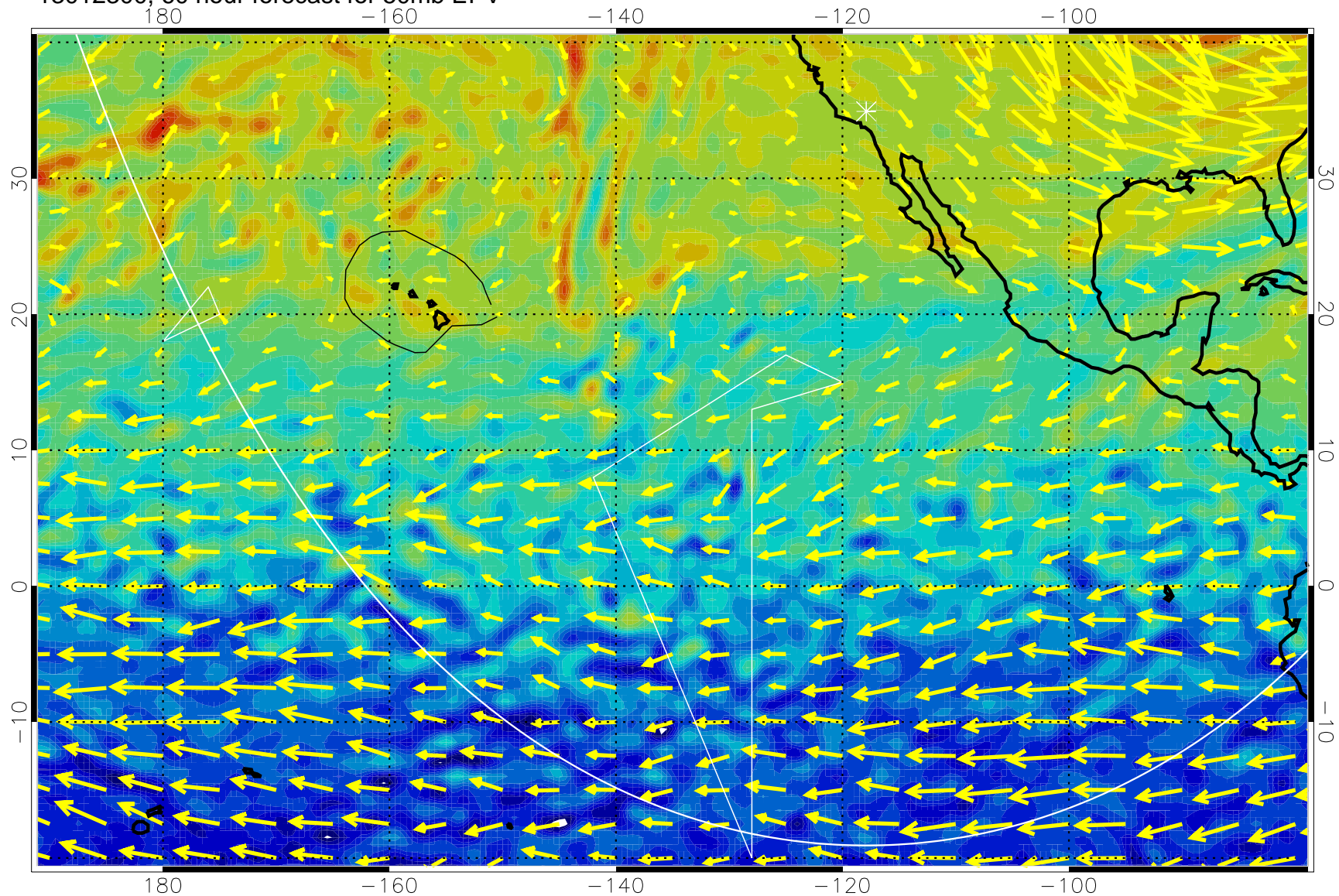
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$

PVU

→ 30 m/s

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

13012300, 60 hour forecast for 50mb EPV



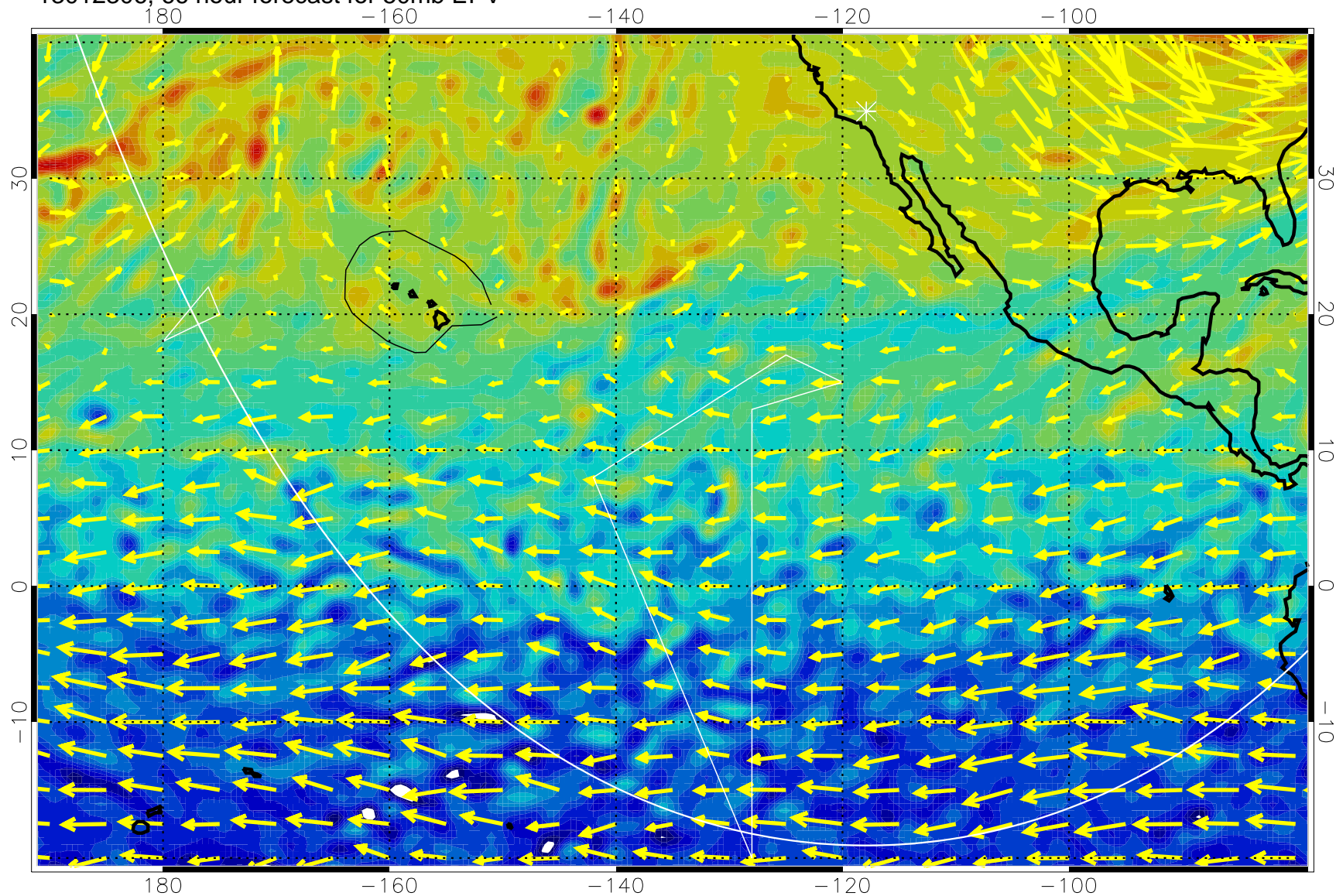
$-2 \cdot 10^{-5}$  0  $2 \cdot 10^{-5}$   $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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



13012306, 66 hour forecast for 50mb EPV

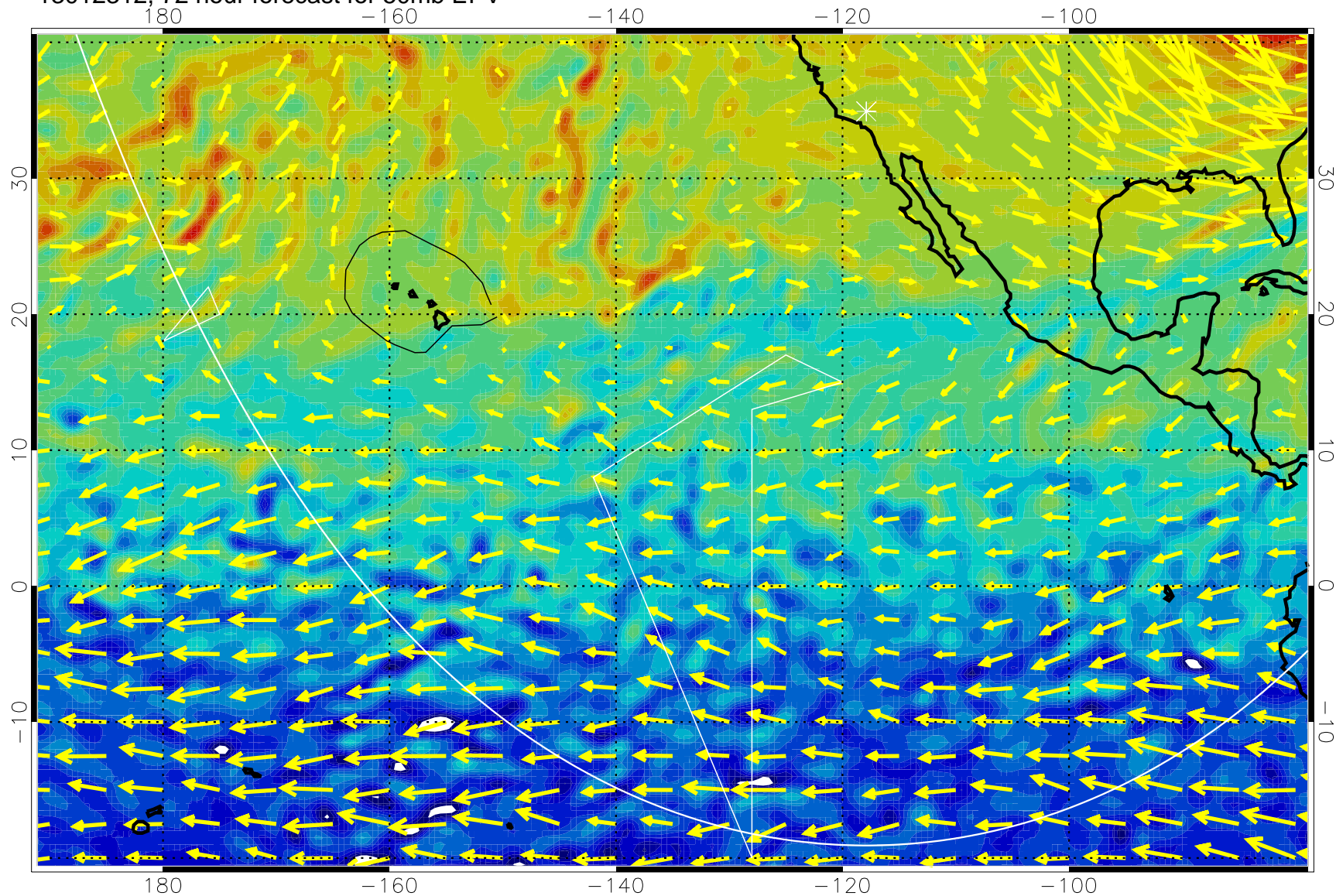


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012312, 72 hour forecast for 50mb EPV



$-2 \cdot 10^{-5}$  0  $2 \cdot 10^{-5}$   $4 \cdot 10^{-5}$

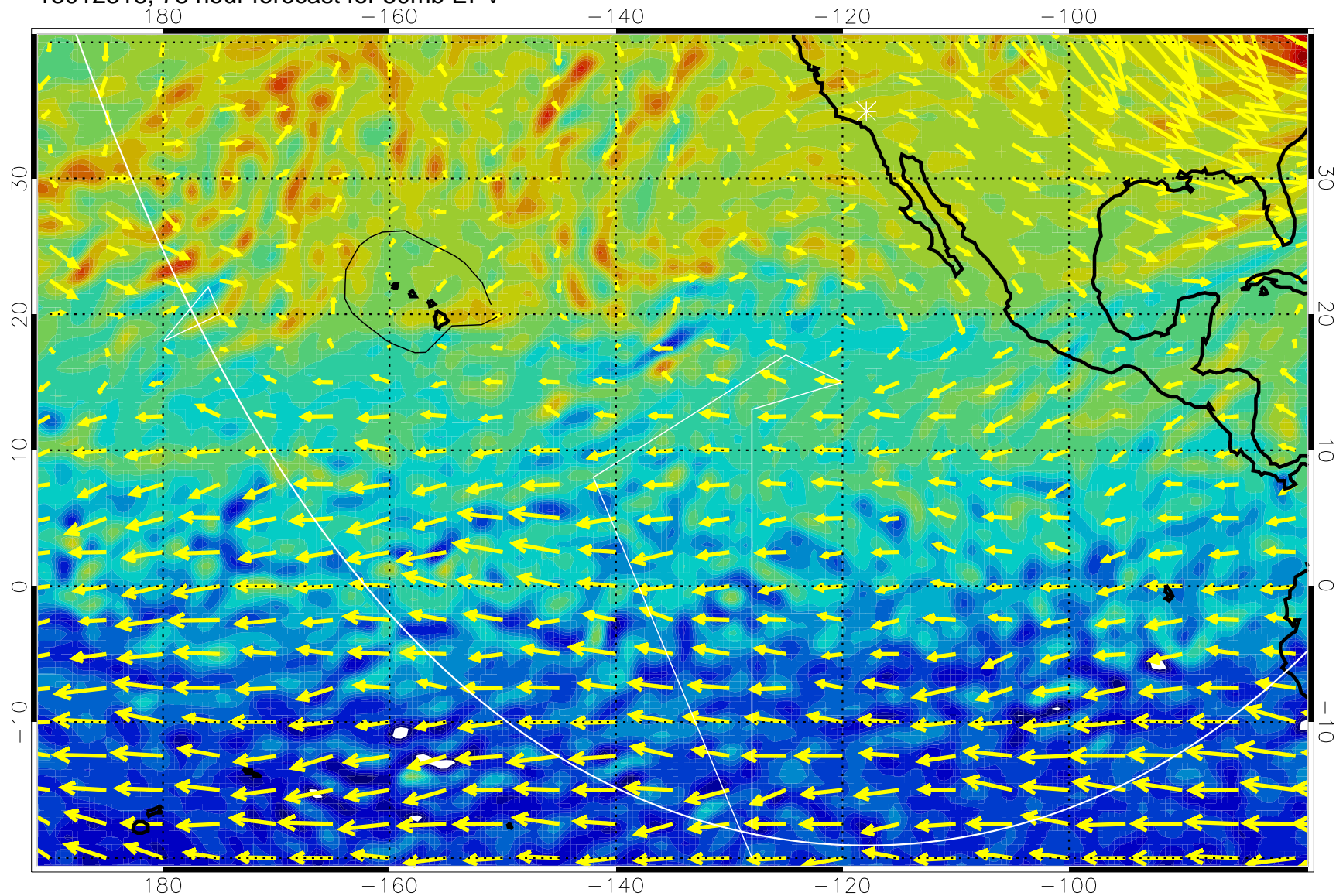
PVU

→ 30 m/s

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



13012318, 78 hour forecast for 50mb EPV

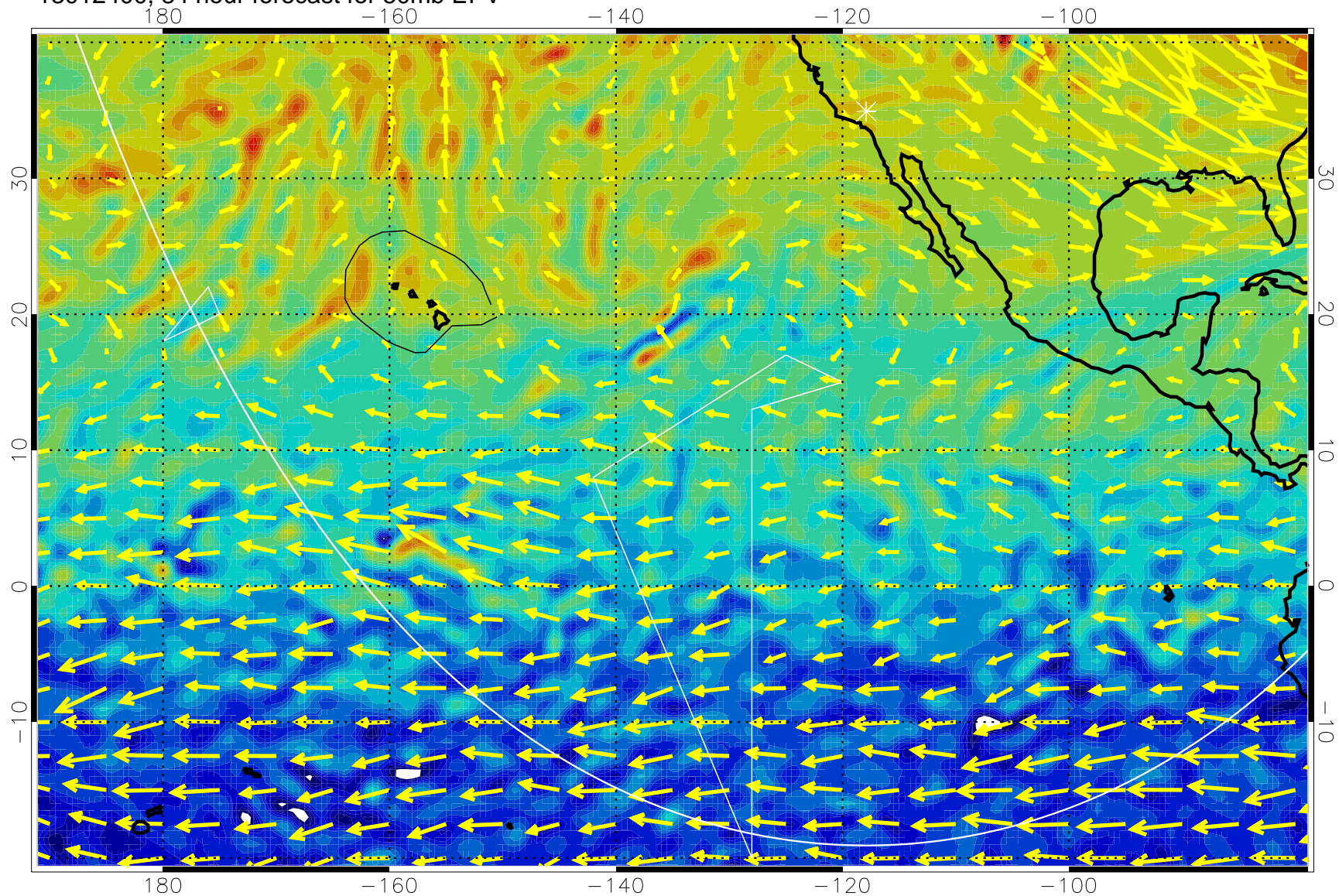


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012400, 84 hour forecast for 50mb EPV



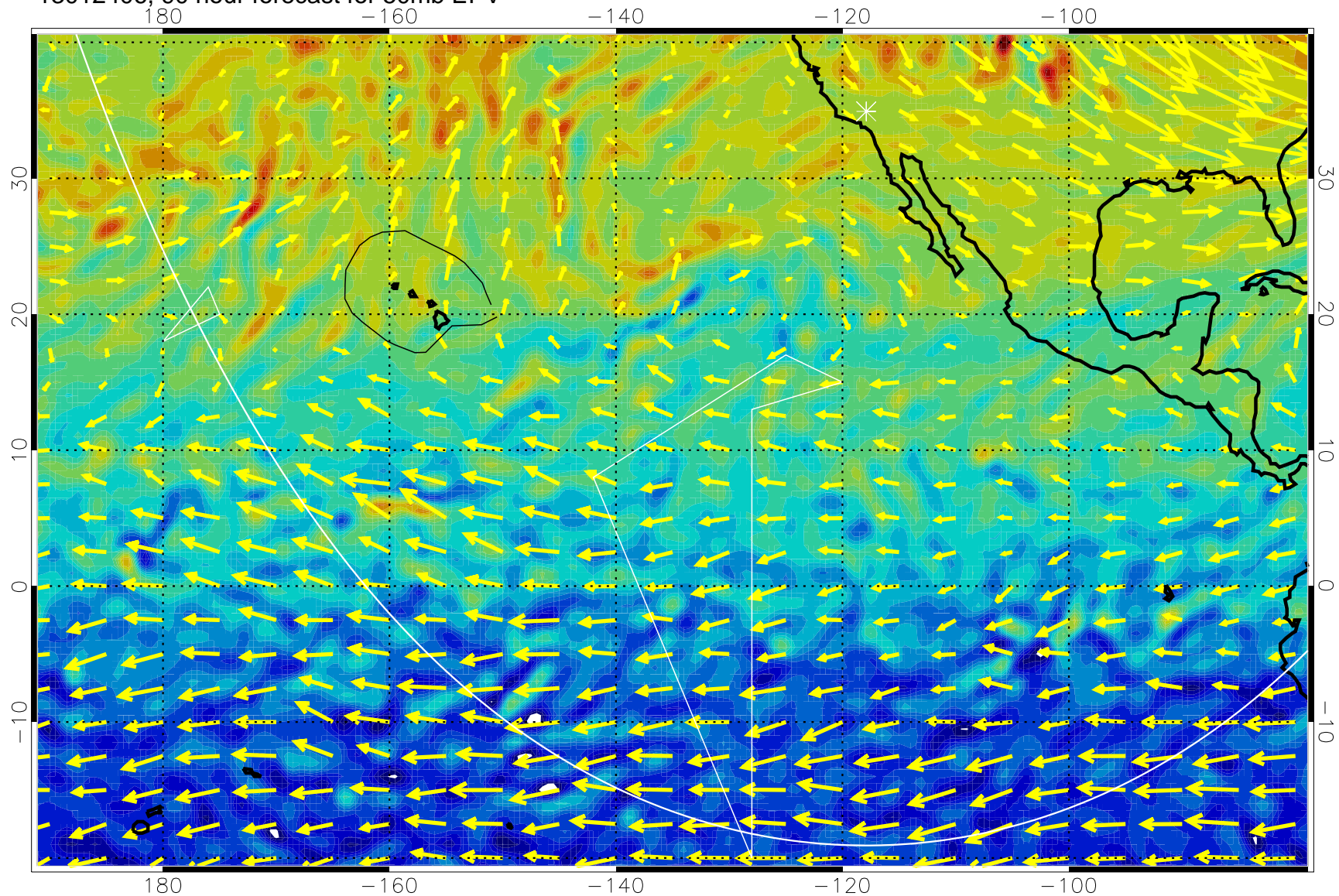
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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



13012406, 90 hour forecast for 50mb EPV



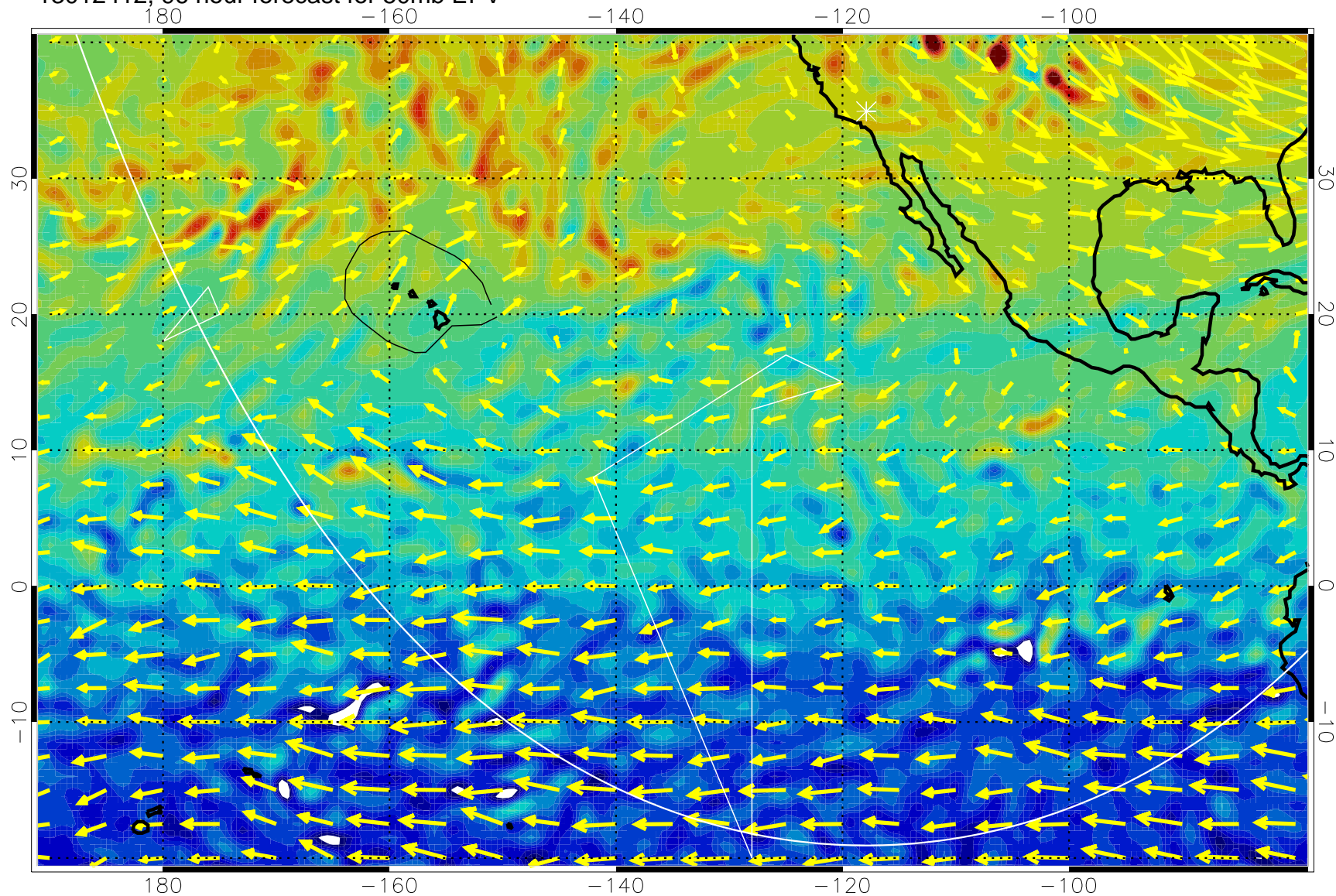
$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$

PVU

→ 30 m/s

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

13012412, 96 hour forecast for 50mb EPV



$-2 \cdot 10^{-5}$  0  $2 \cdot 10^{-5}$   $4 \cdot 10^{-5}$

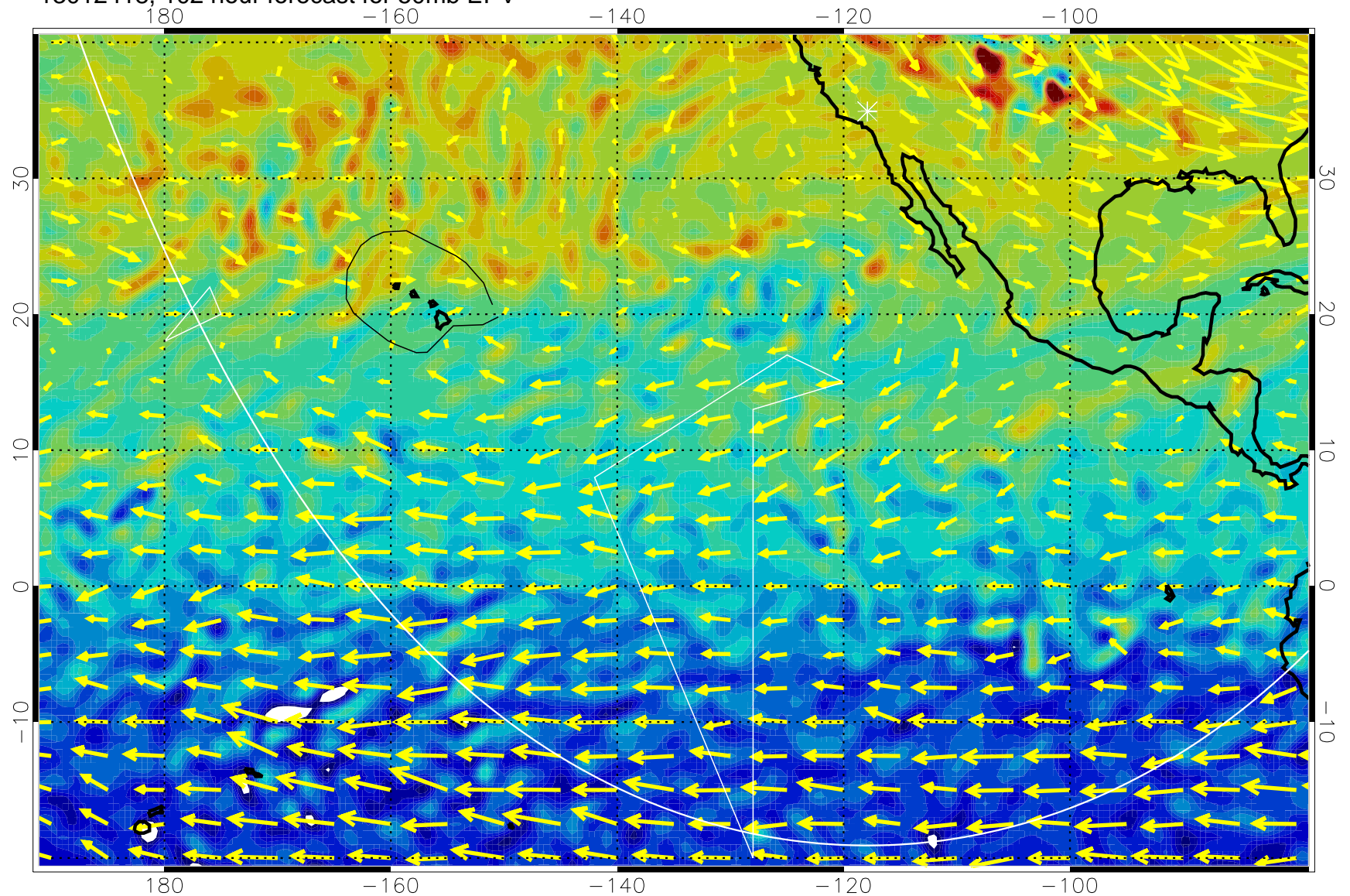
PVU

→ 30 m/s

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



13012418, 102 hour forecast for 50mb EPV

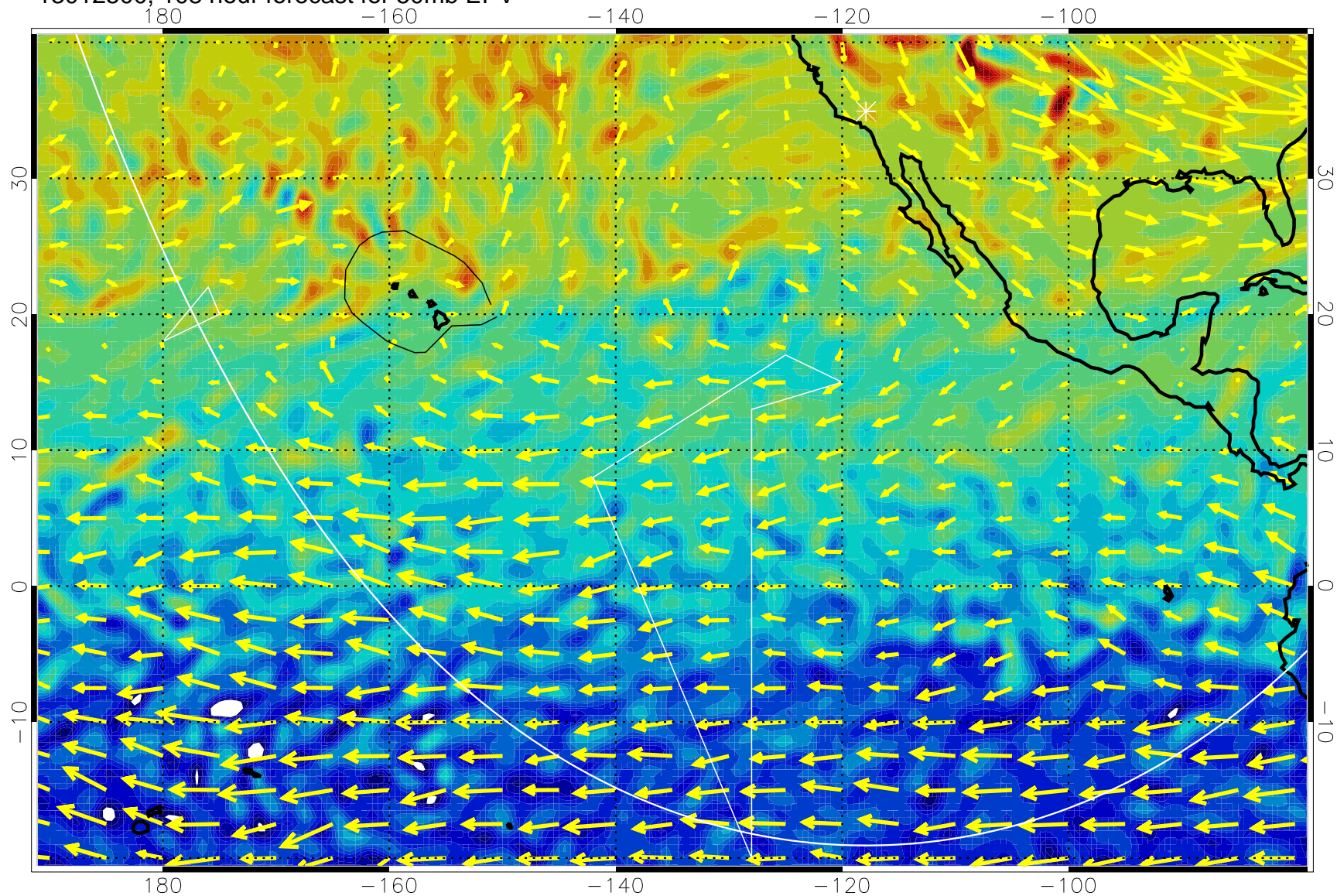


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012500, 108 hour forecast for 50mb EPV



$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$

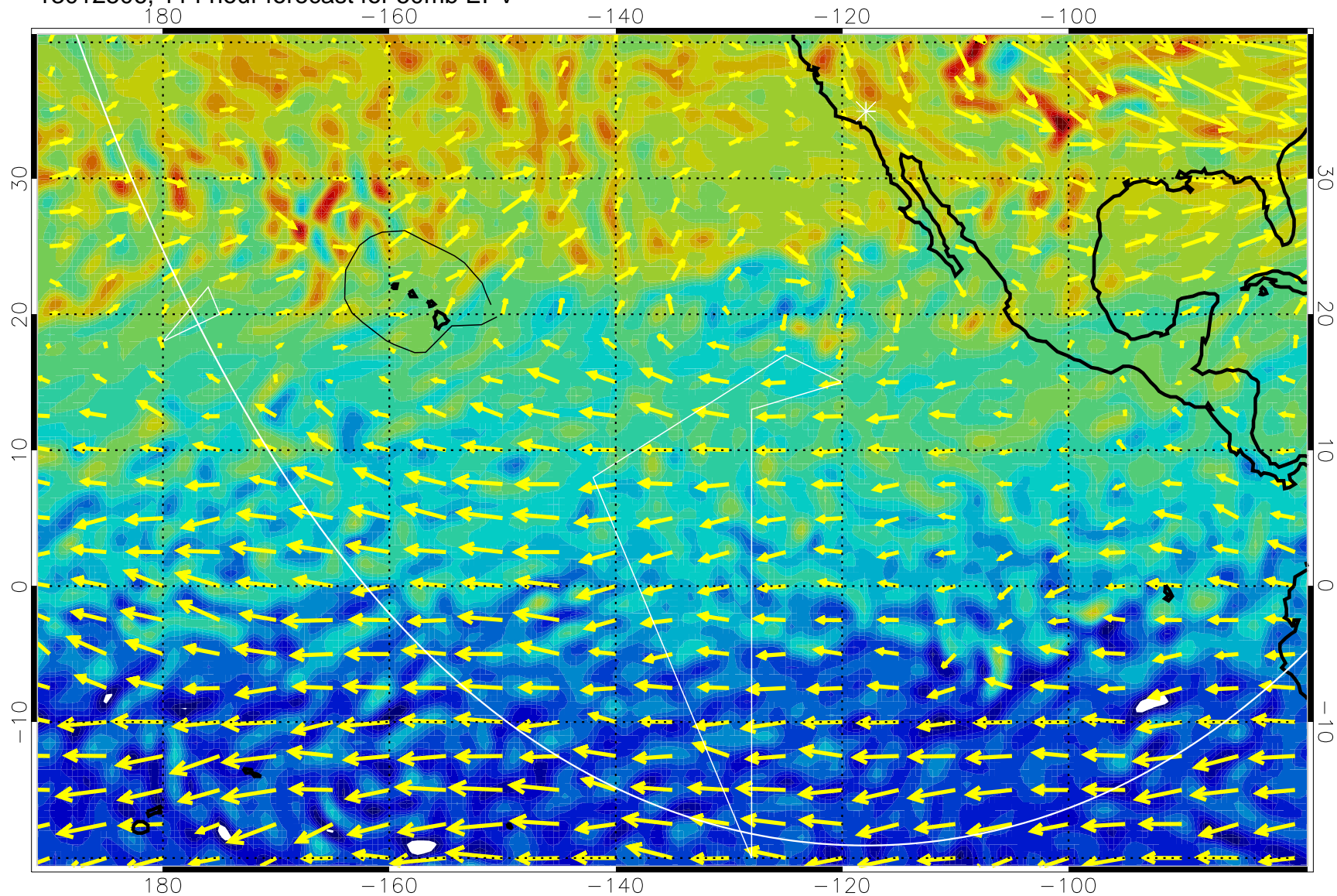
PVU

→ 30 m/s

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



13012506, 114 hour forecast for 50mb EPV

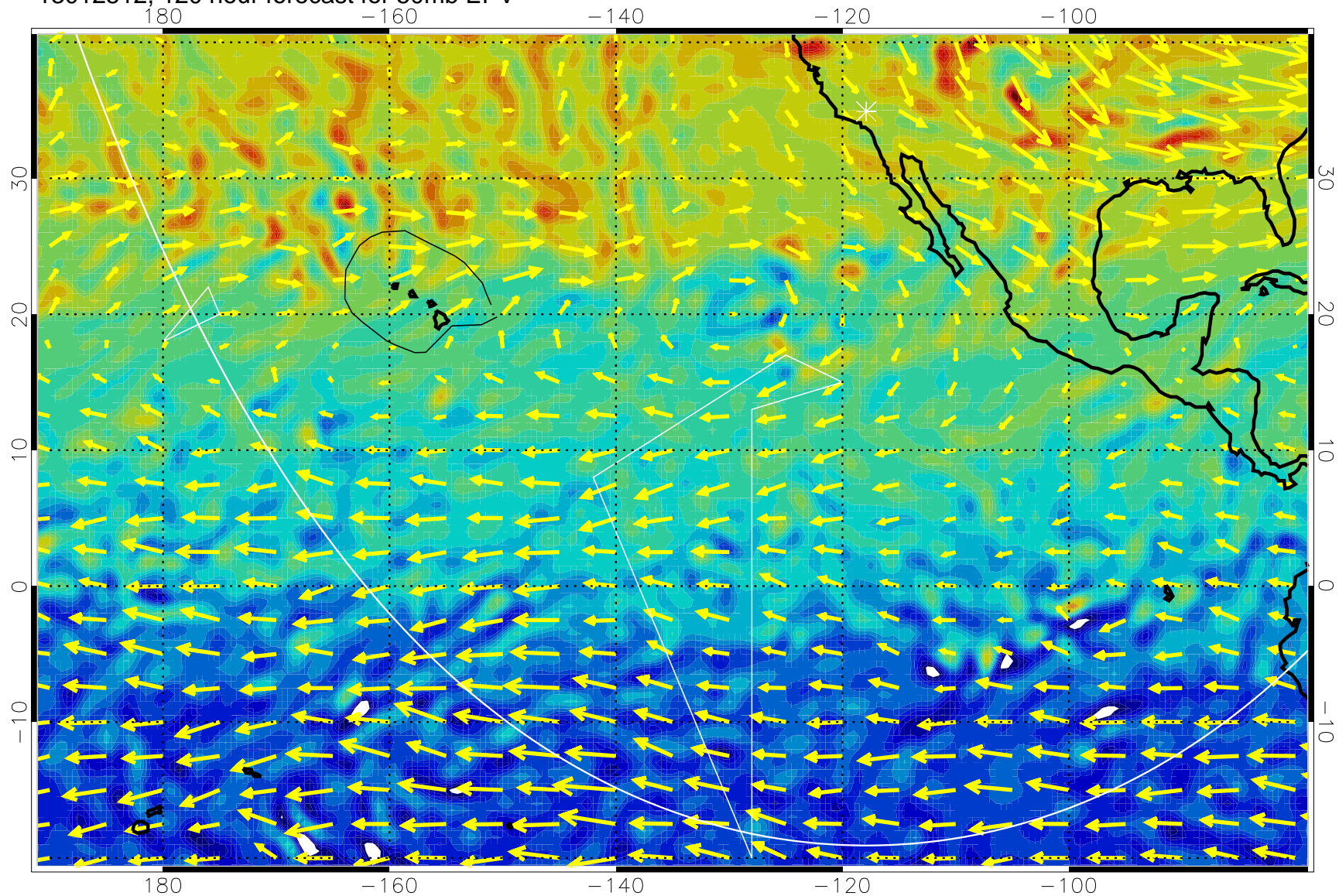


$-2 \cdot 10^{-5}$       0       $2 \cdot 10^{-5}$        $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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

13012512, 120 hour forecast for 50mb EPV



$-2 \cdot 10^{-5}$  0  $2 \cdot 10^{-5}$   $4 \cdot 10^{-5}$   
PVU

→ 30 m/s

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