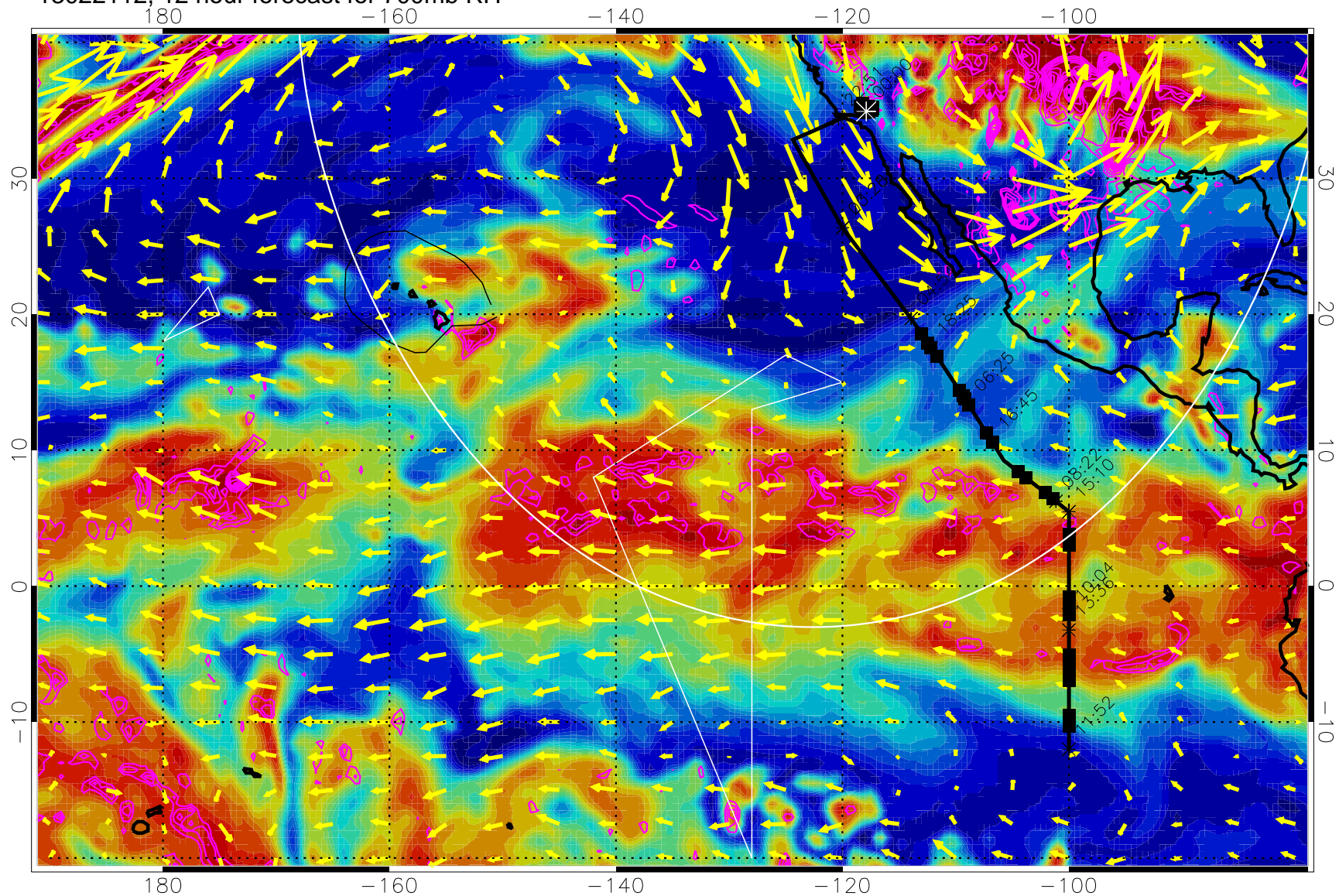


13022112, 12 hour forecast for 700mb RH



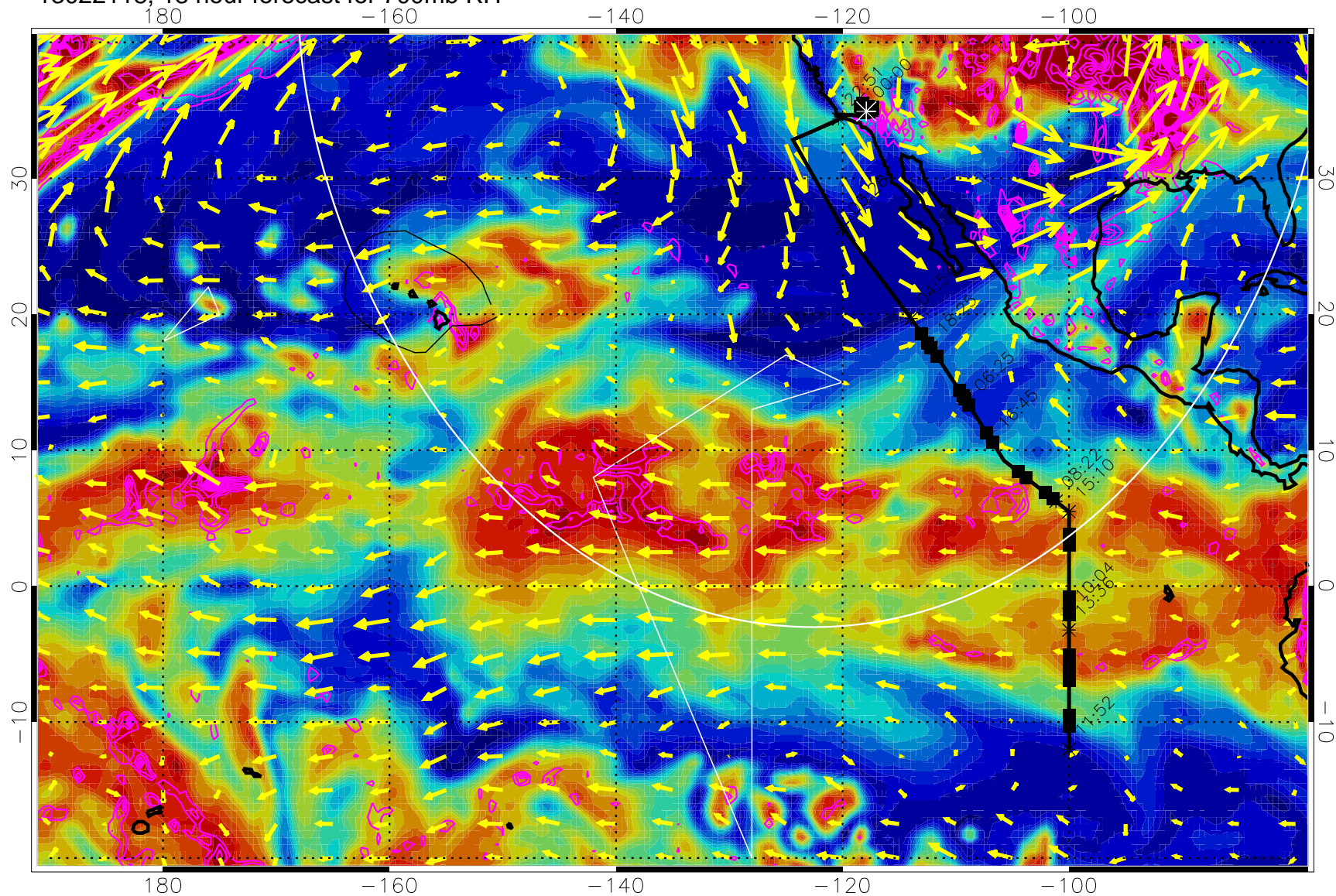
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022118, 18 hour forecast for 700mb RH



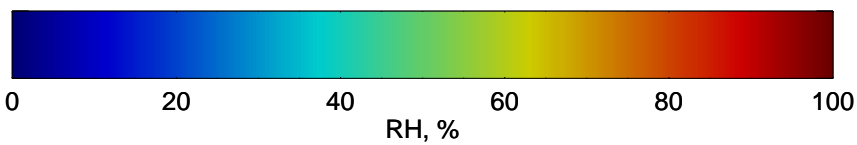
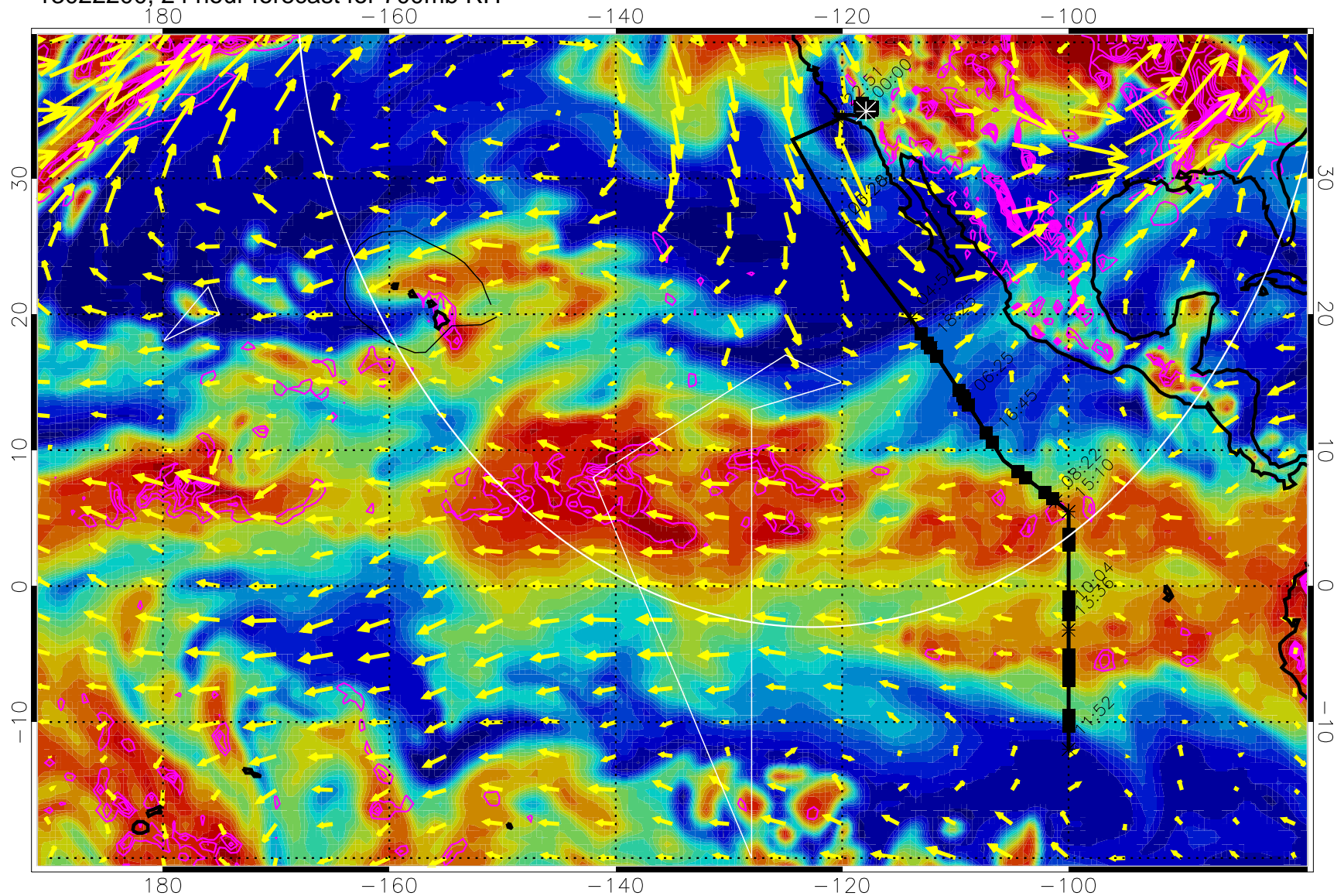
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022200, 24 hour forecast for 700mb RH



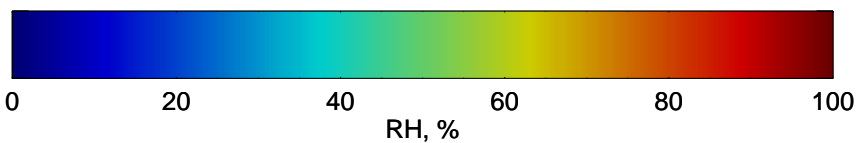
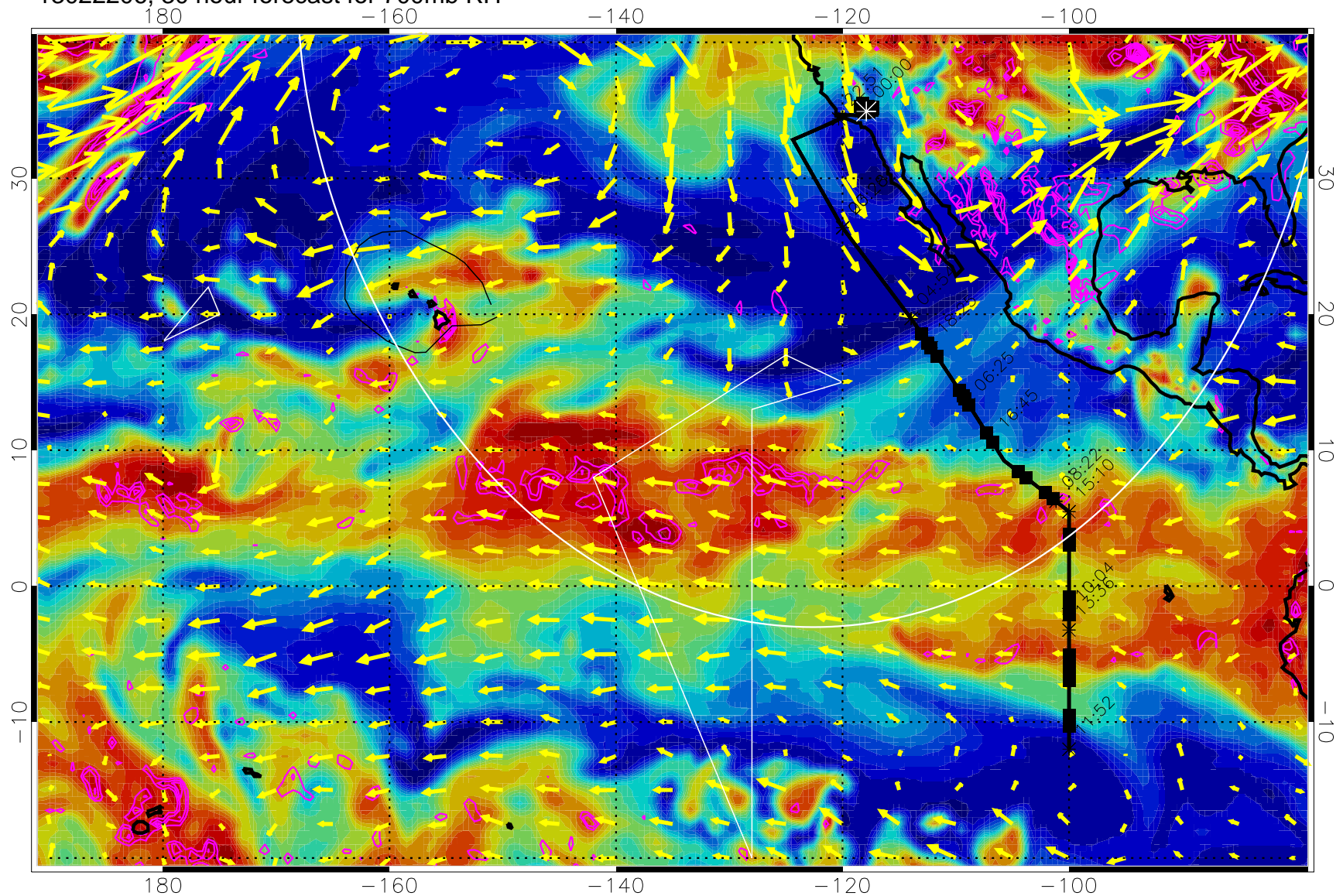
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022206, 30 hour forecast for 700mb RH



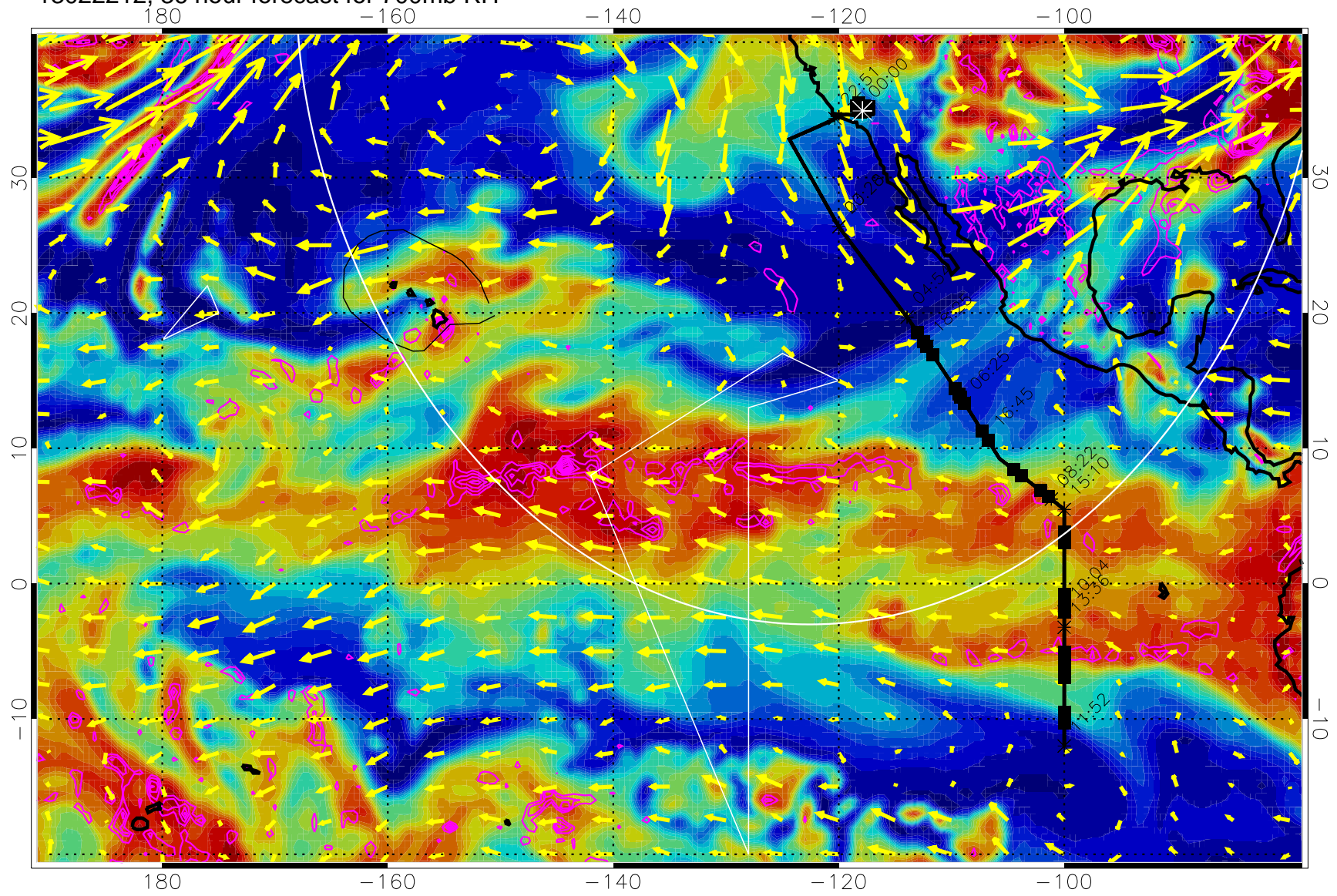
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022212, 36 hour forecast for 700mb RH



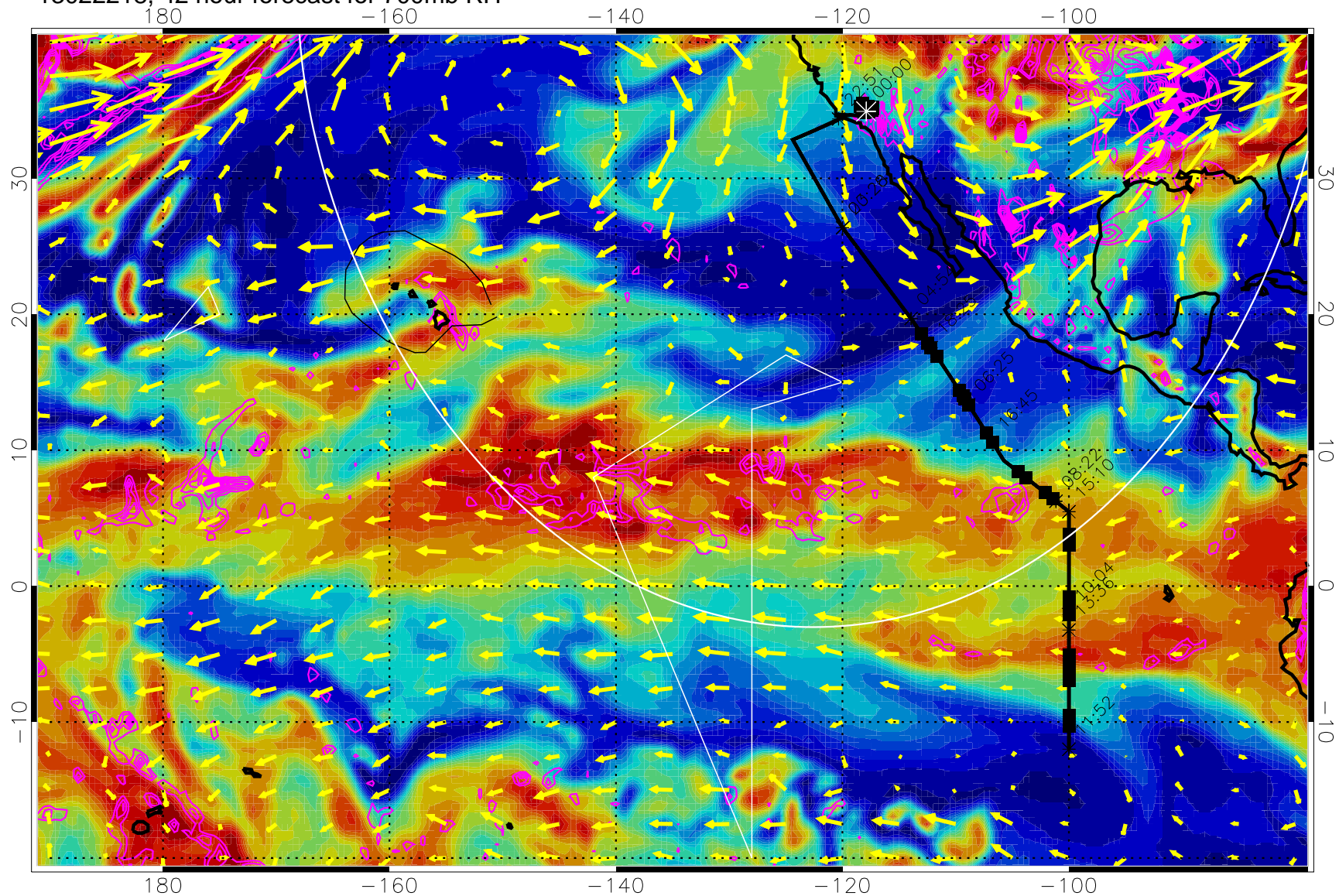
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022218, 42 hour forecast for 700mb RH



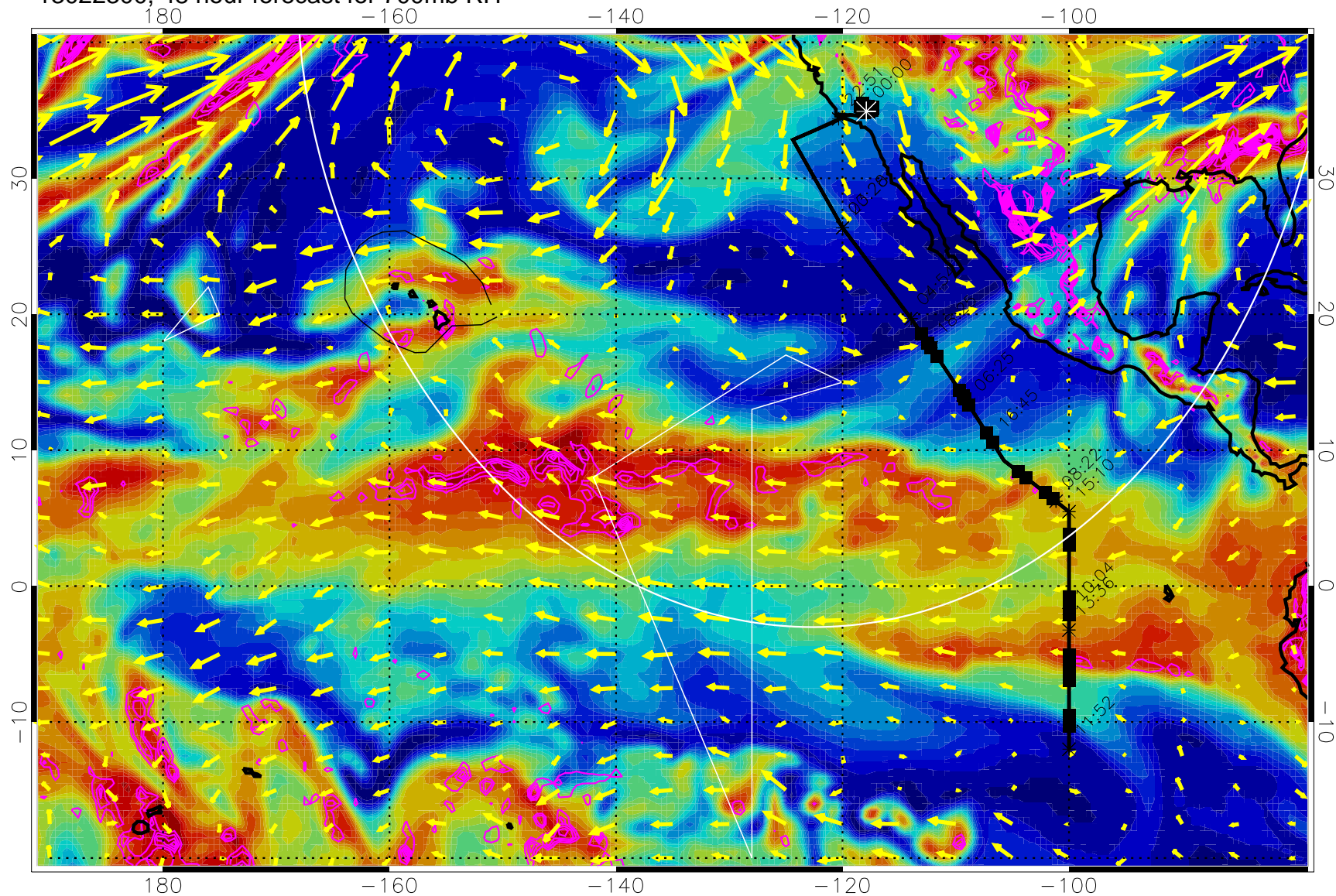
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022300, 48 hour forecast for 700mb RH



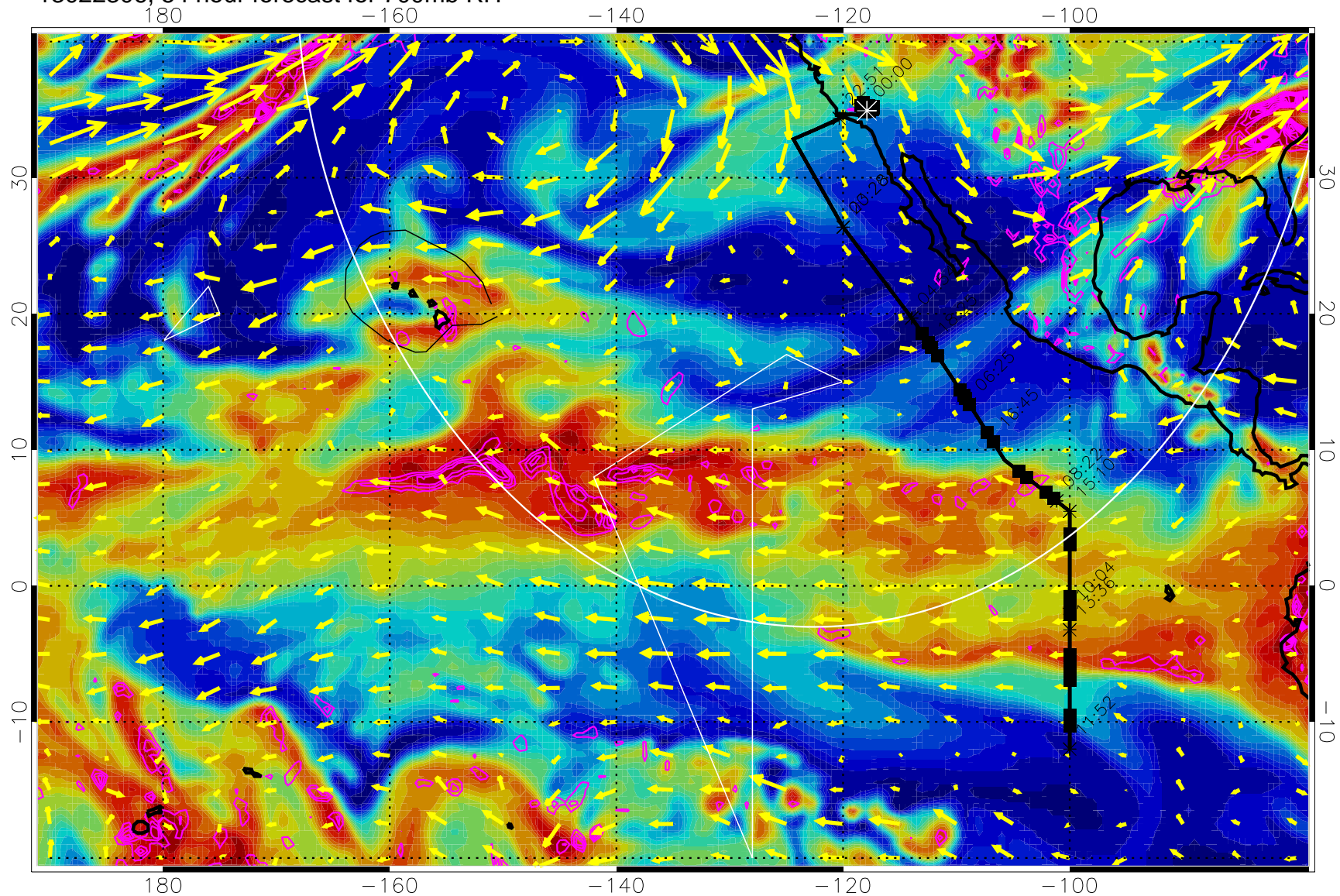
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022306, 54 hour forecast for 700mb RH



Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

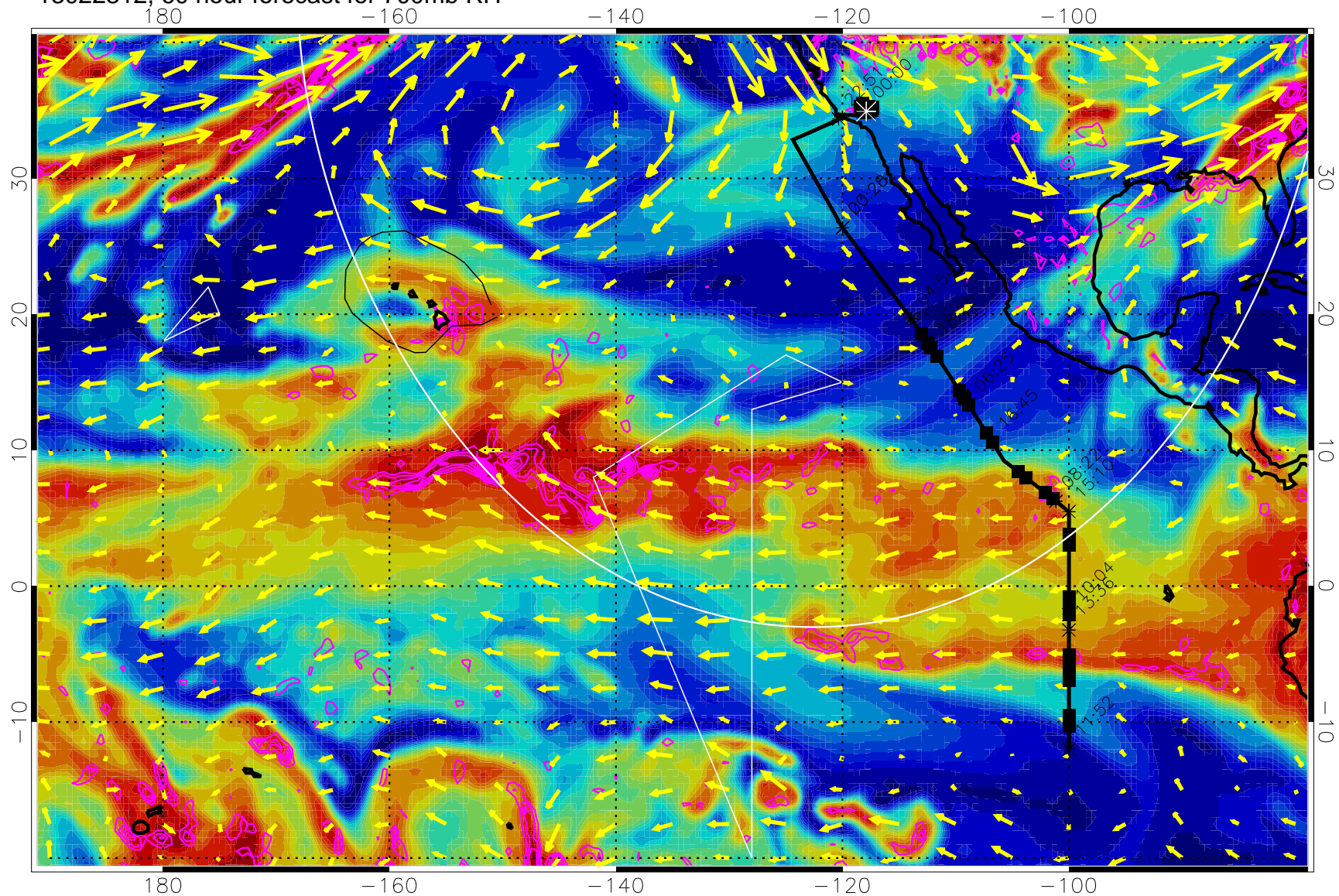
EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip



13022312, 60 hour forecast for 700mb RH



0 20 40 60 80 100  
RH, %

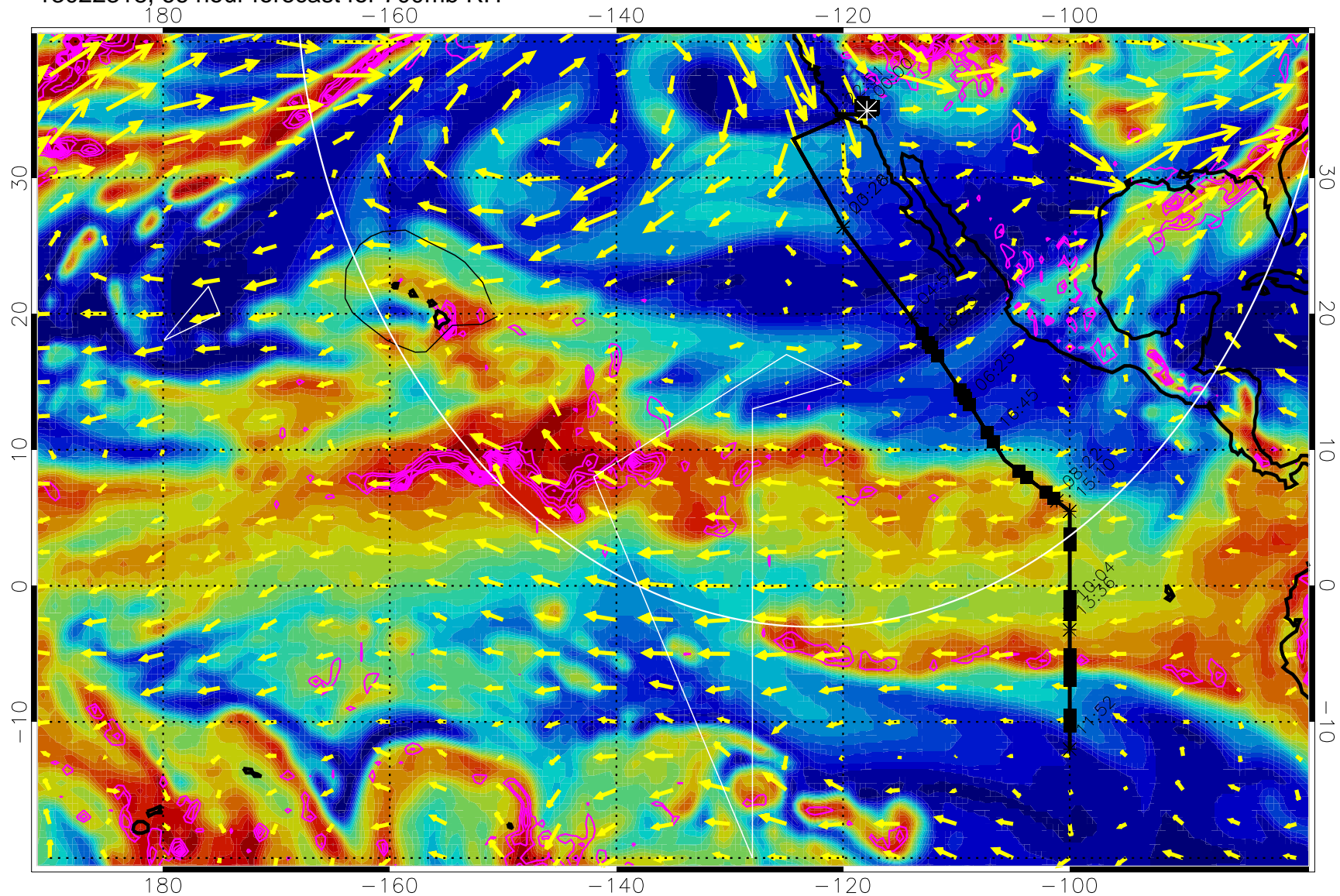
Negative Omegas less than  $-0.3$ , contours of  $.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022318, 66 hour forecast for 700mb RH



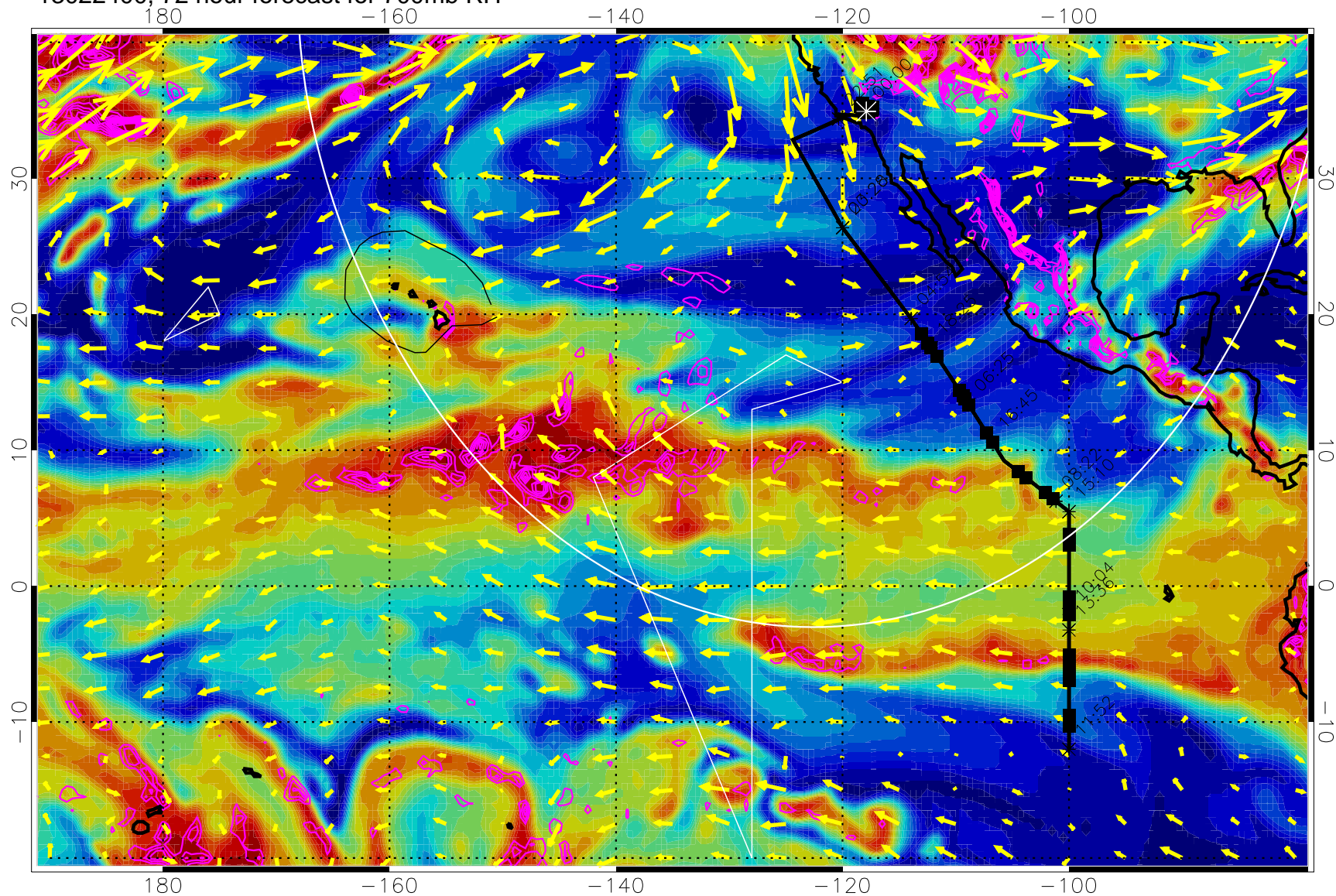
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022400, 72 hour forecast for 700mb RH



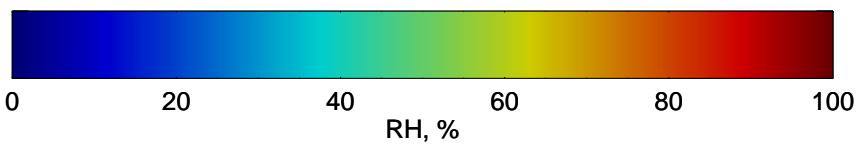
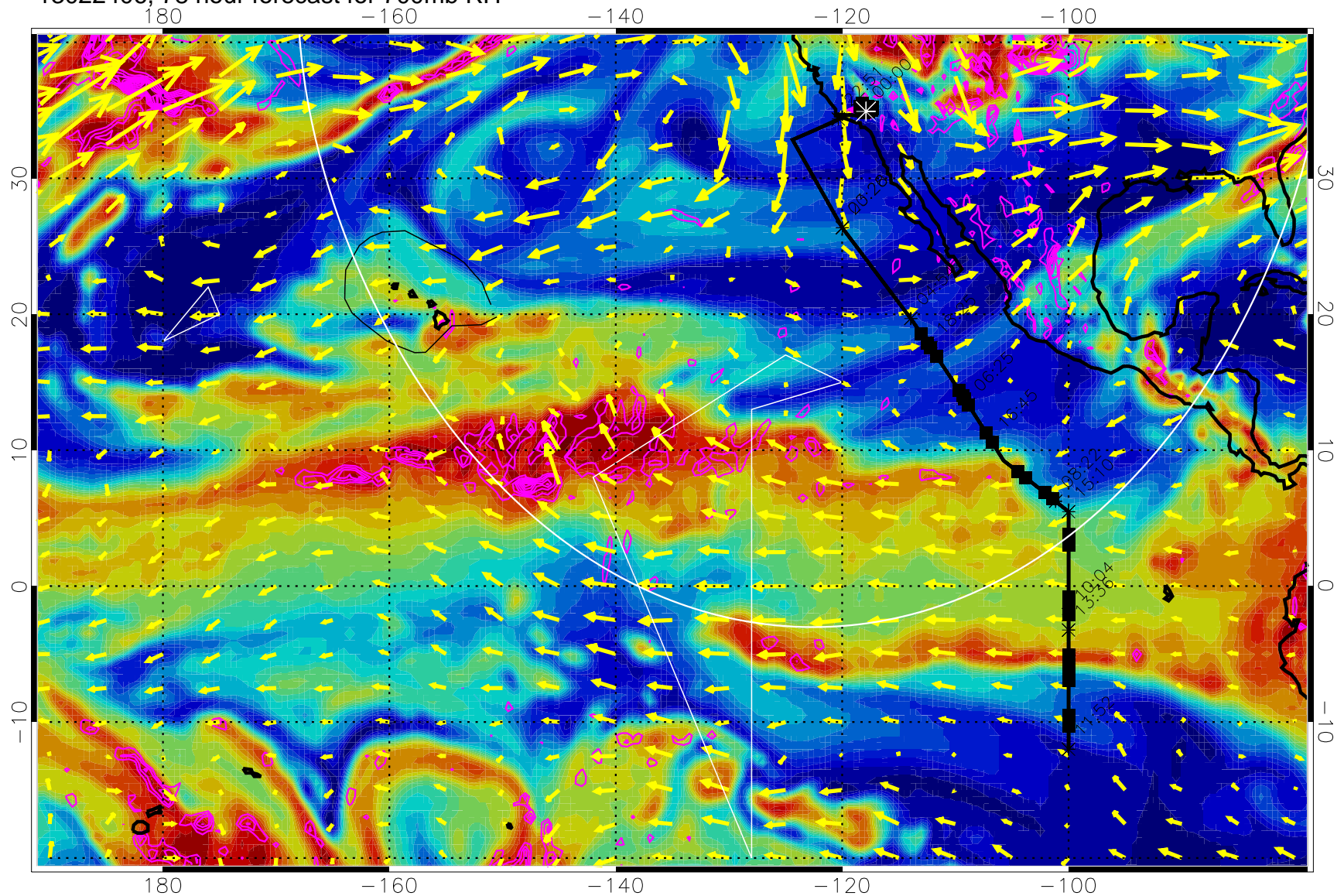
Negative Omegas less than  $-0.3$ , contours of  $.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022406, 78 hour forecast for 700mb RH



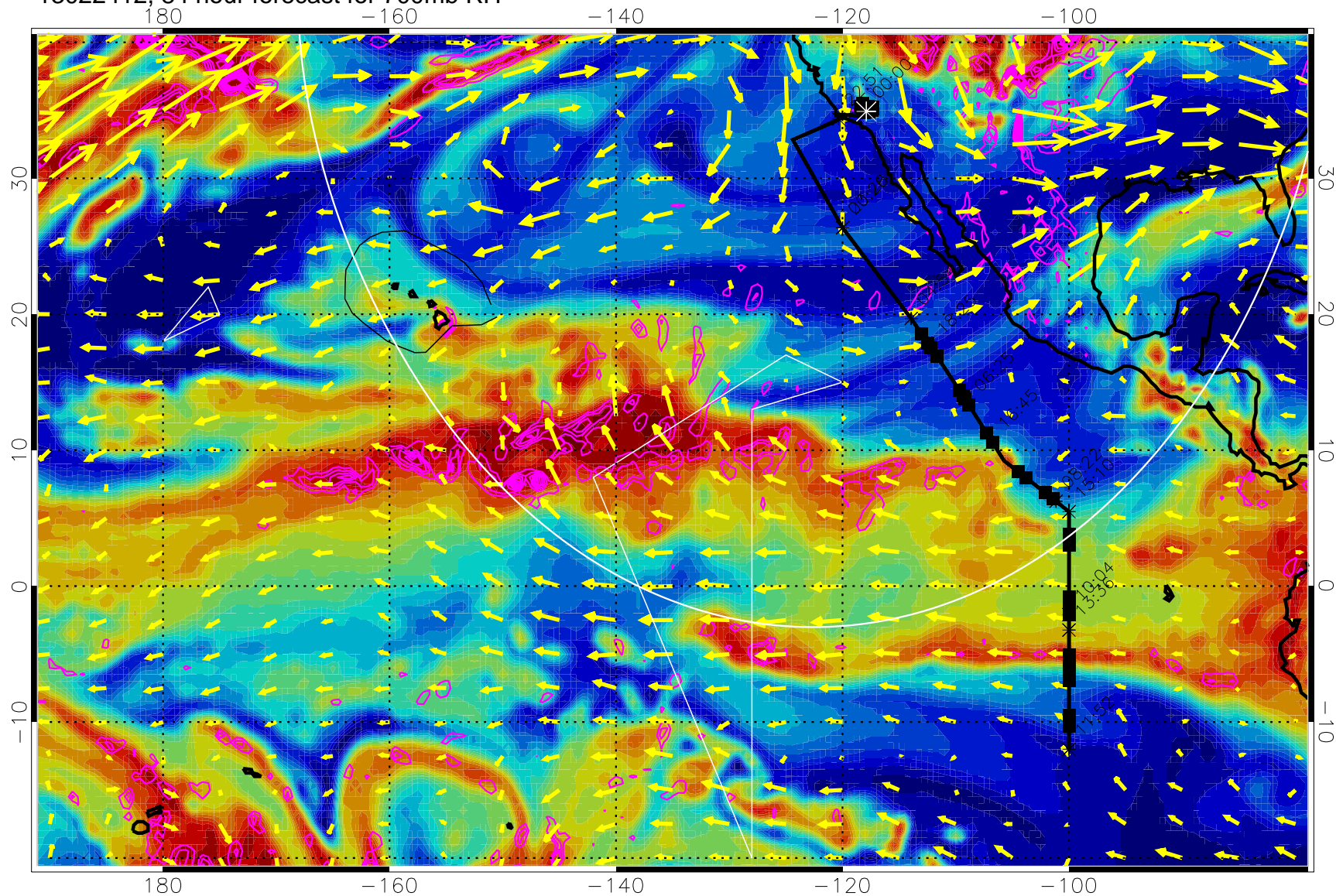
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022412, 84 hour forecast for 700mb RH



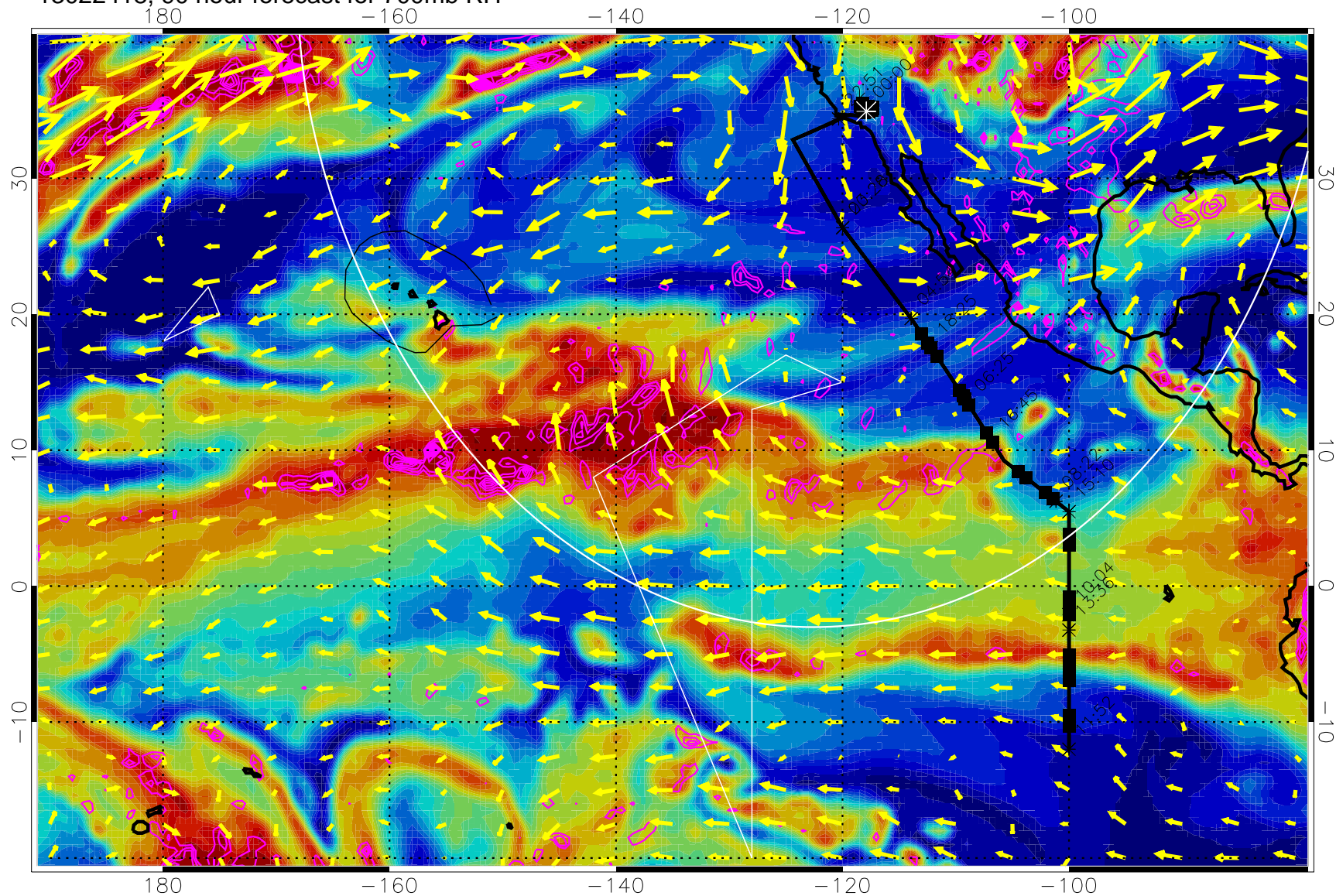
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022418, 90 hour forecast for 700mb RH



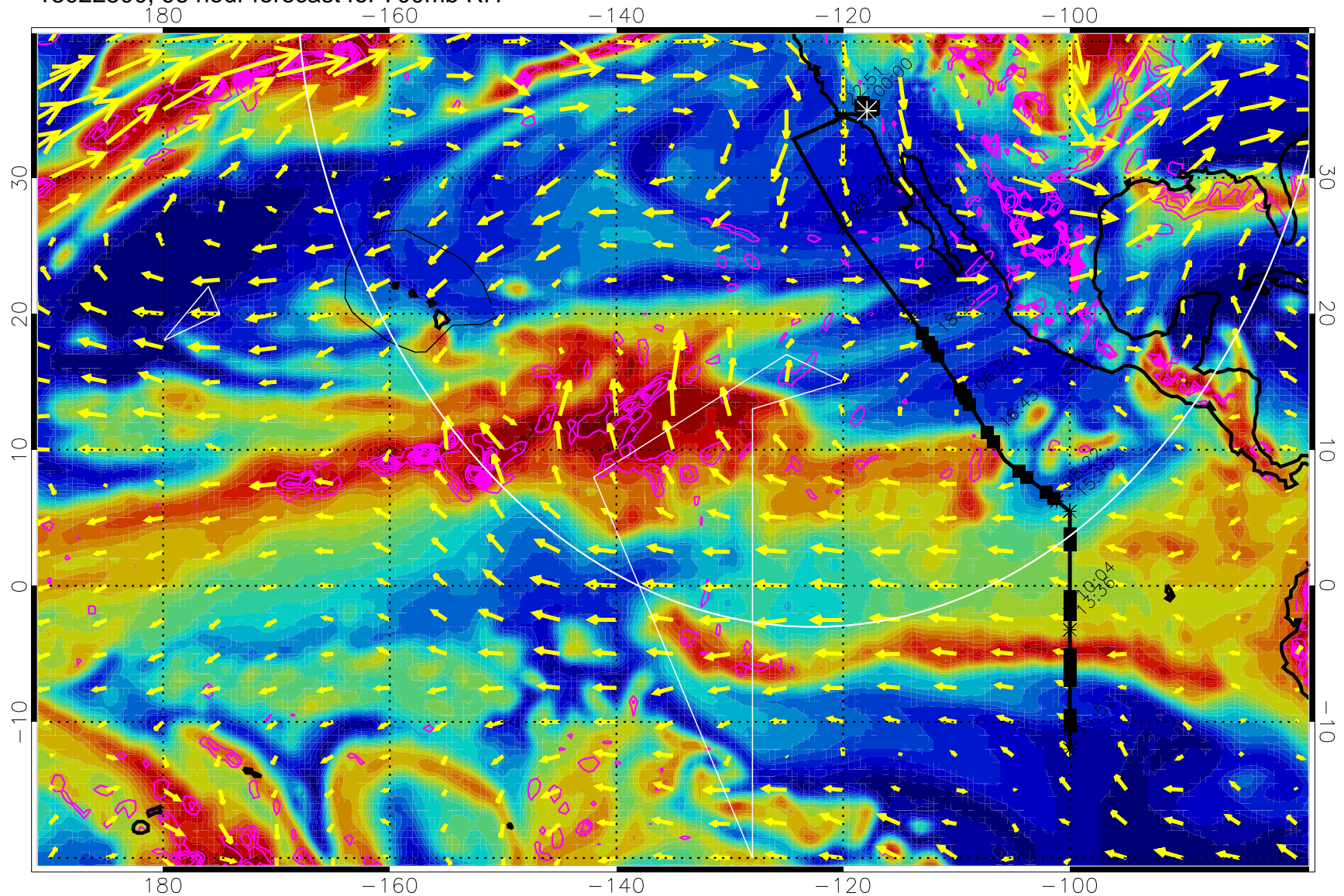
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022500, 96 hour forecast for 700mb RH



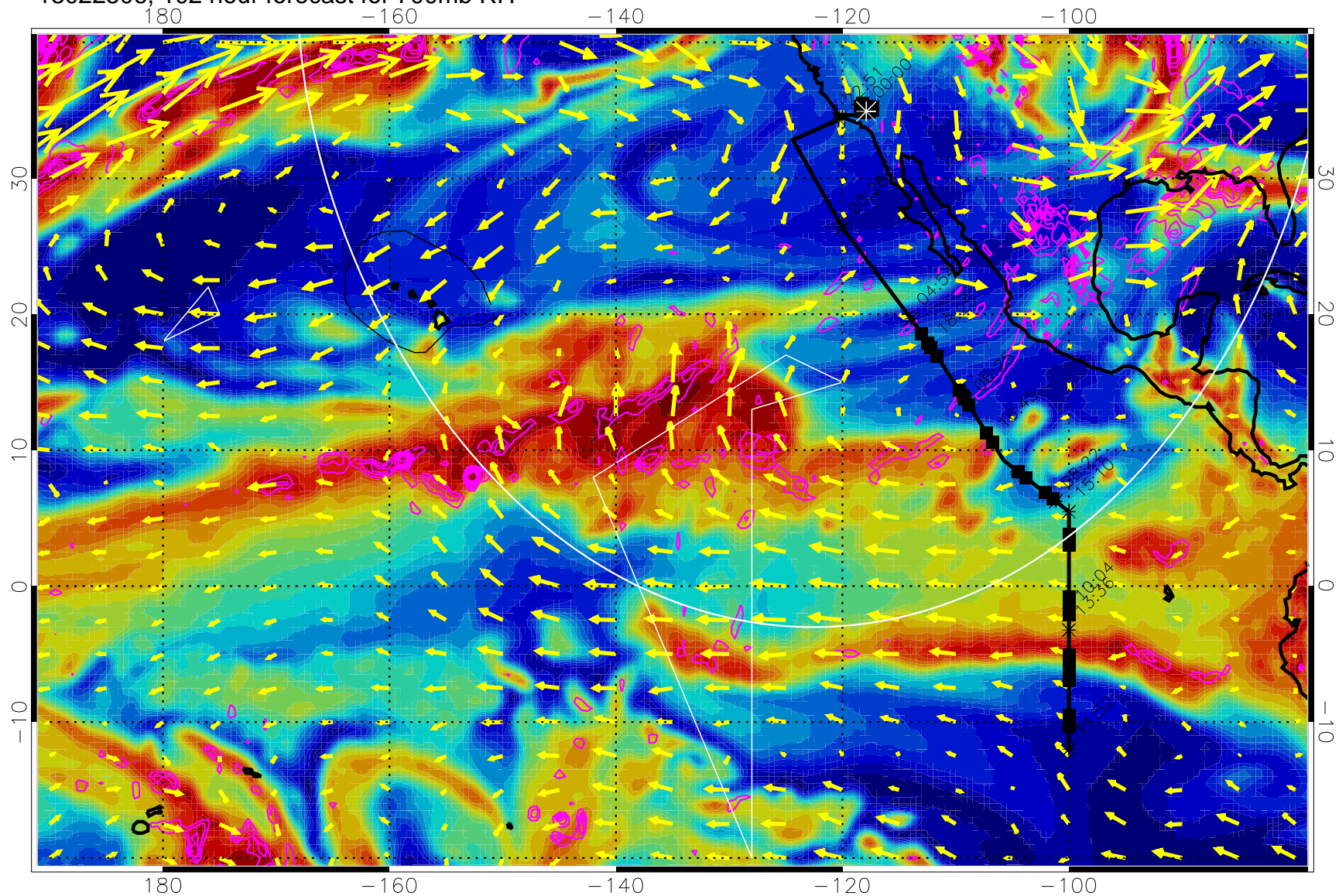
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022506, 102 hour forecast for 700mb RH



Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

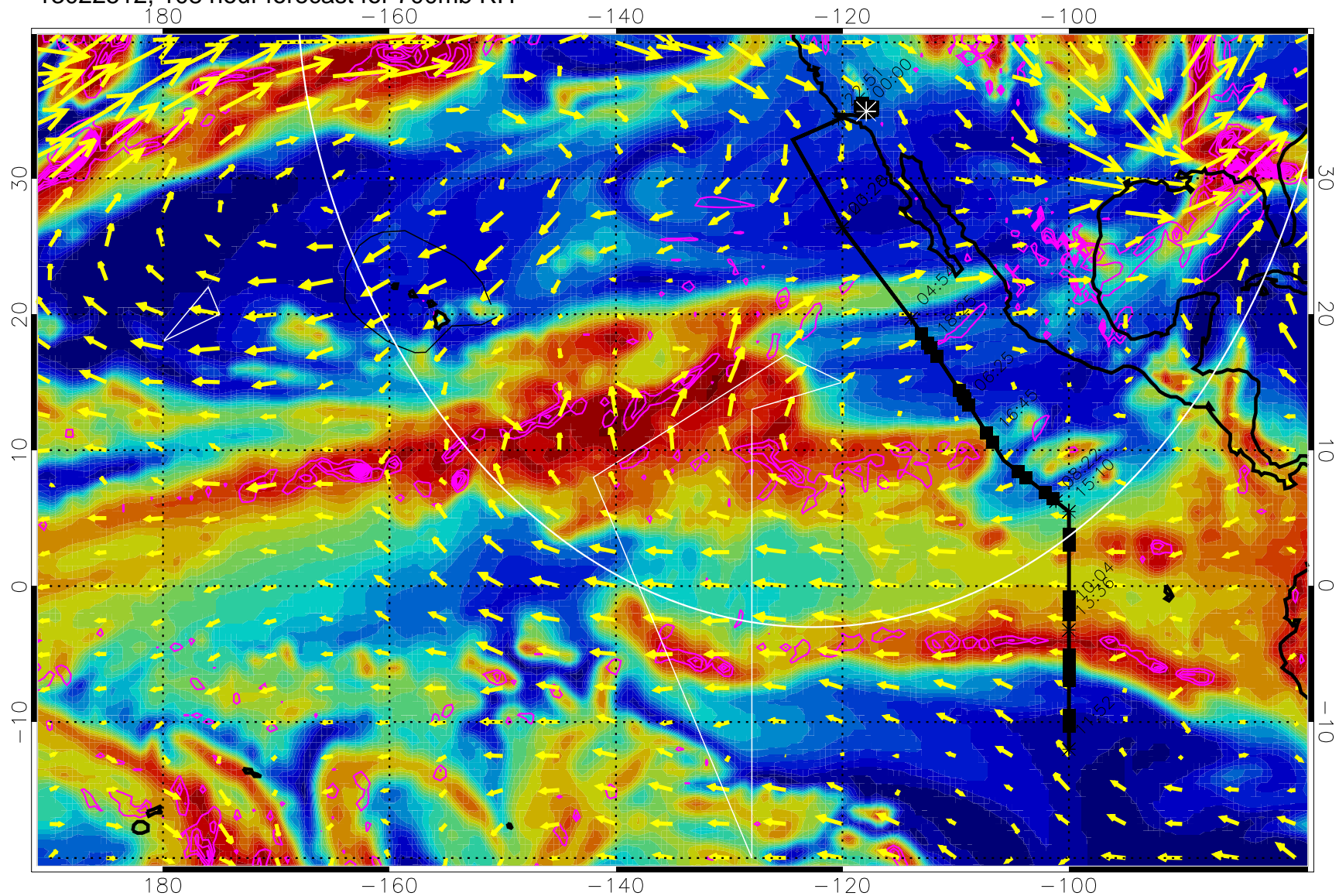
EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip



13022512, 108 hour forecast for 700mb RH



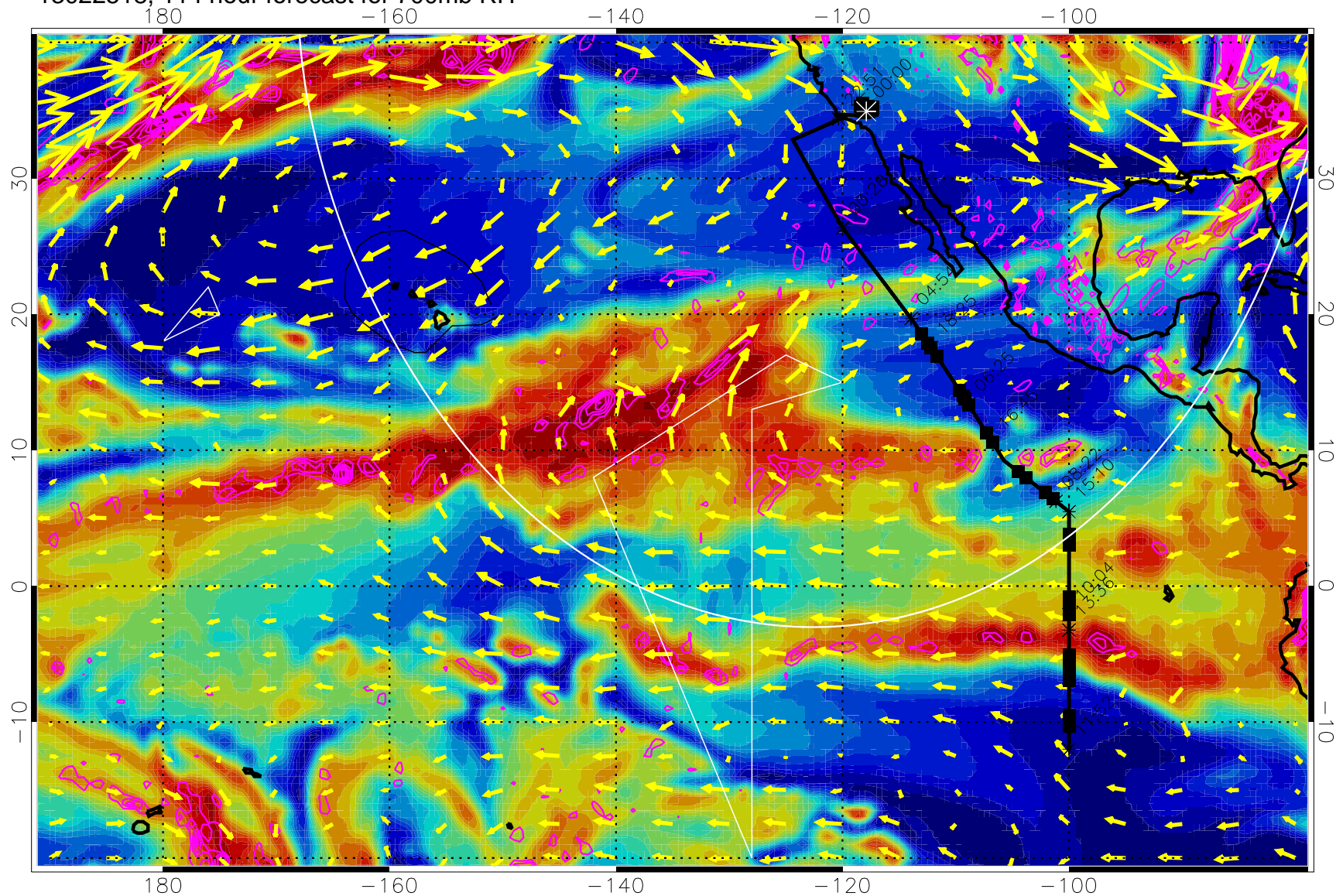
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022518, 114 hour forecast for 700mb RH



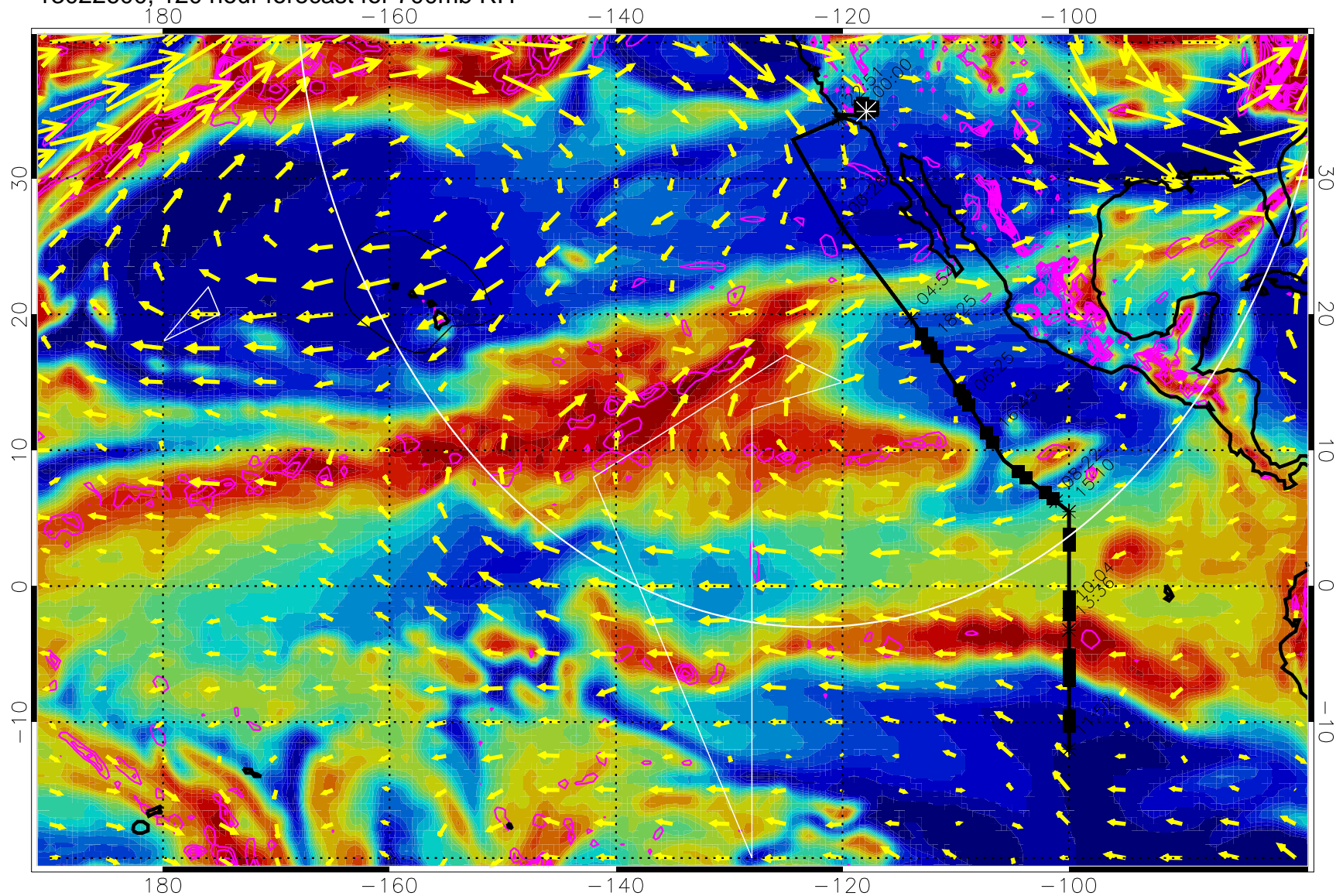
Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip

13022600, 120 hour forecast for 700mb RH



Negative Omegas less than  $-0.3$ , contours of  $0.3$  Pa/s

EPV Tropopause (2 PVU) Position

→ 30 m/s

Range ring of 4055 km -- 13 hours GH round trip