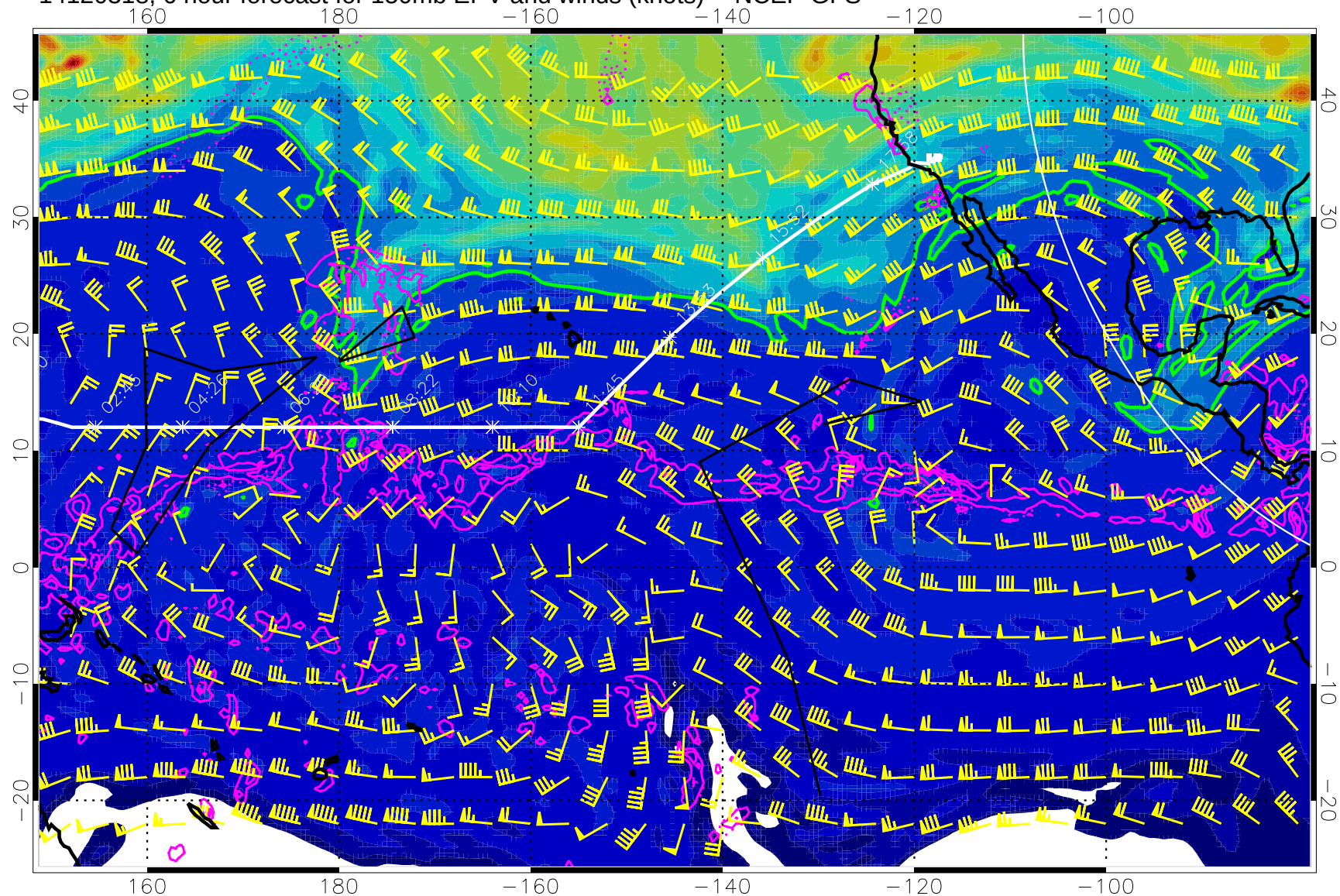


14120318, 6 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



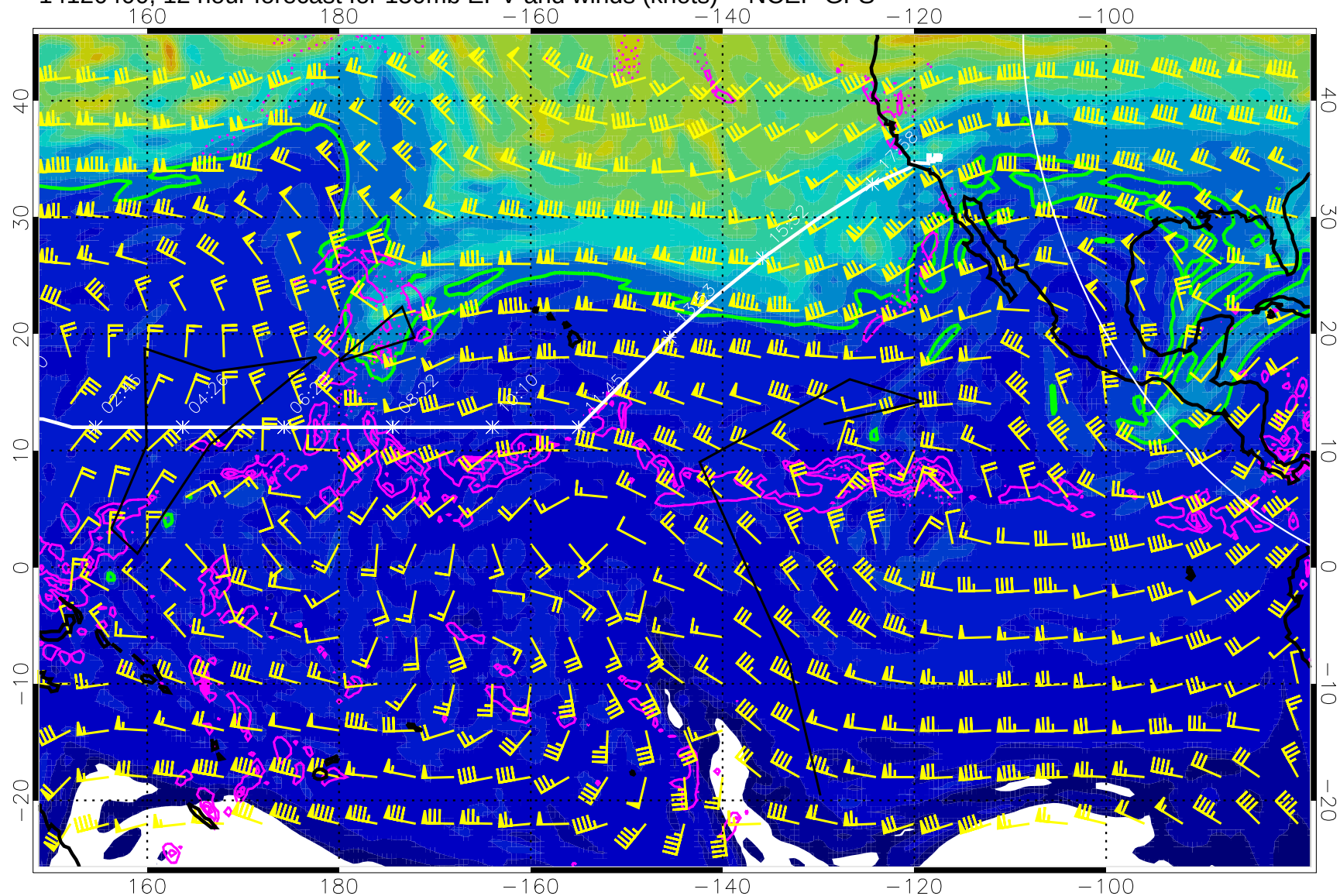
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120400, 12 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



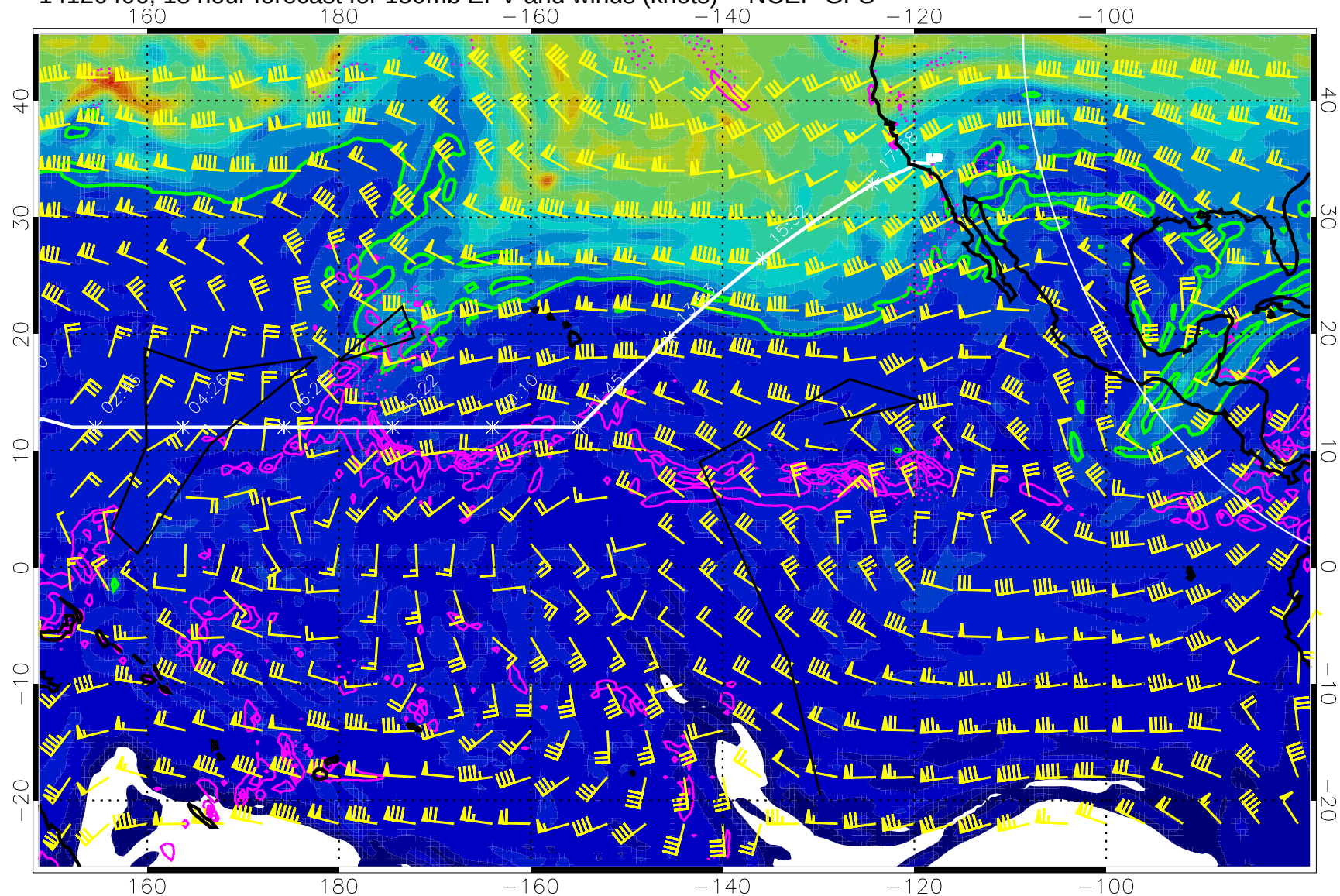
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120406, 18 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



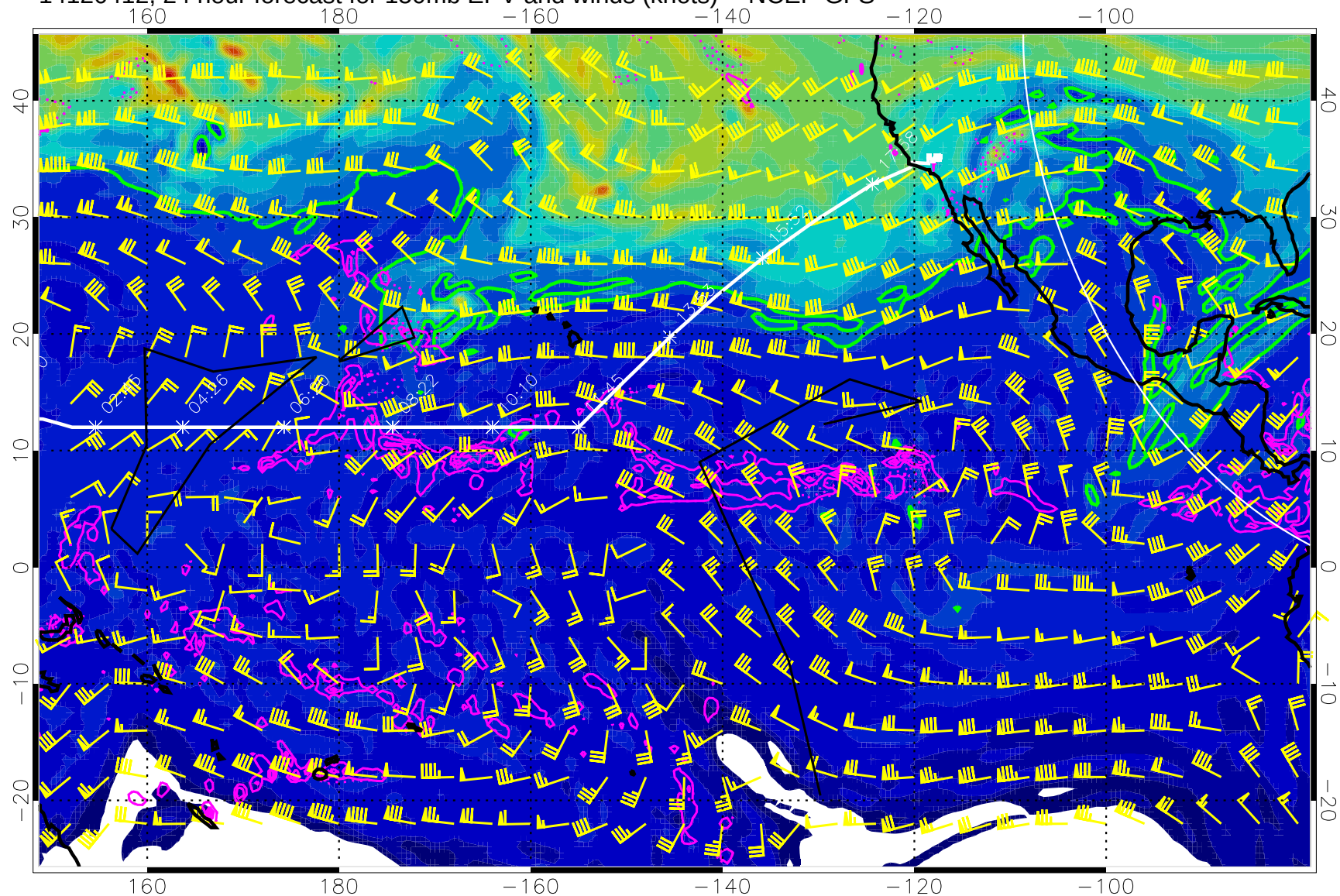
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120412, 24 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



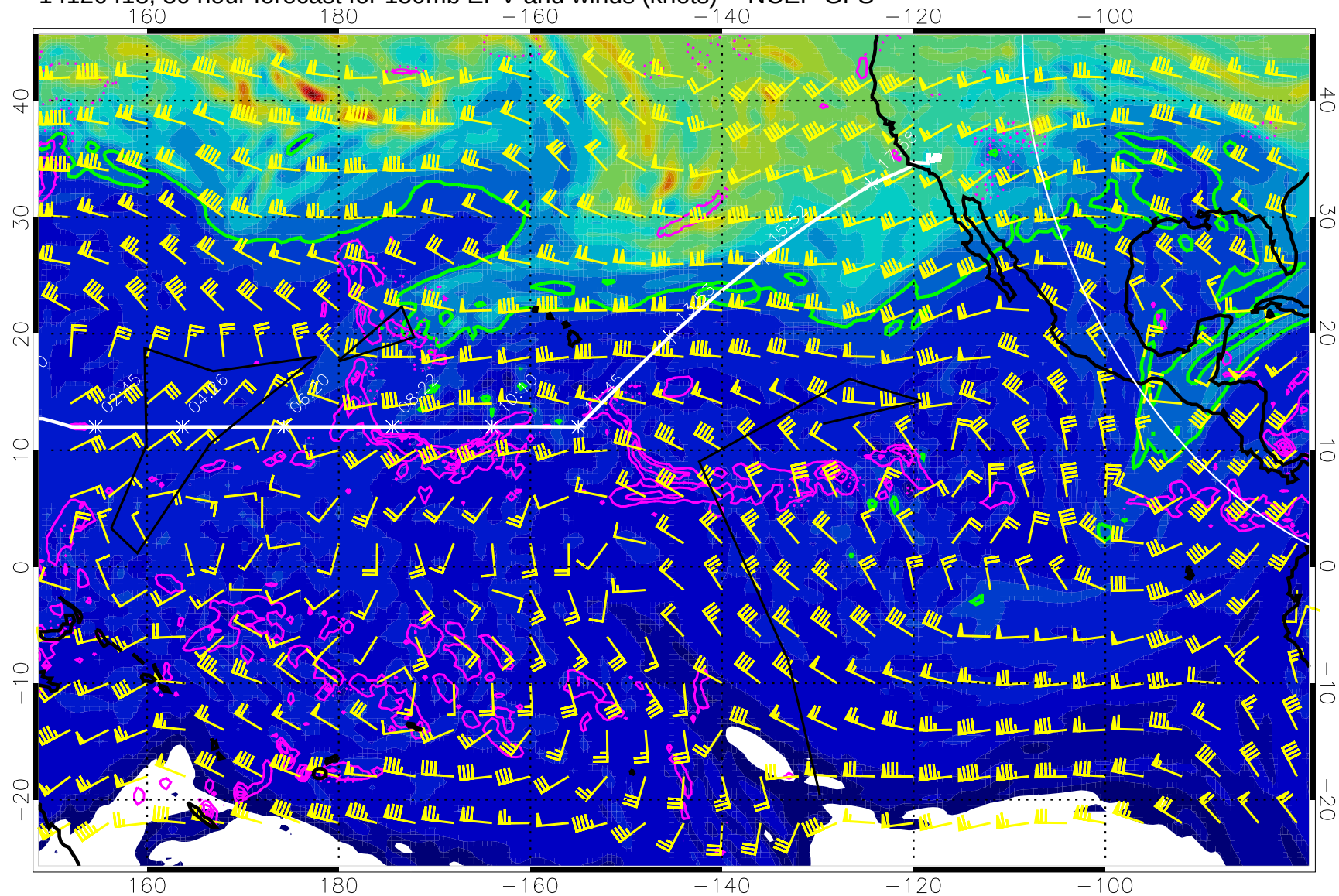
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120418, 30 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



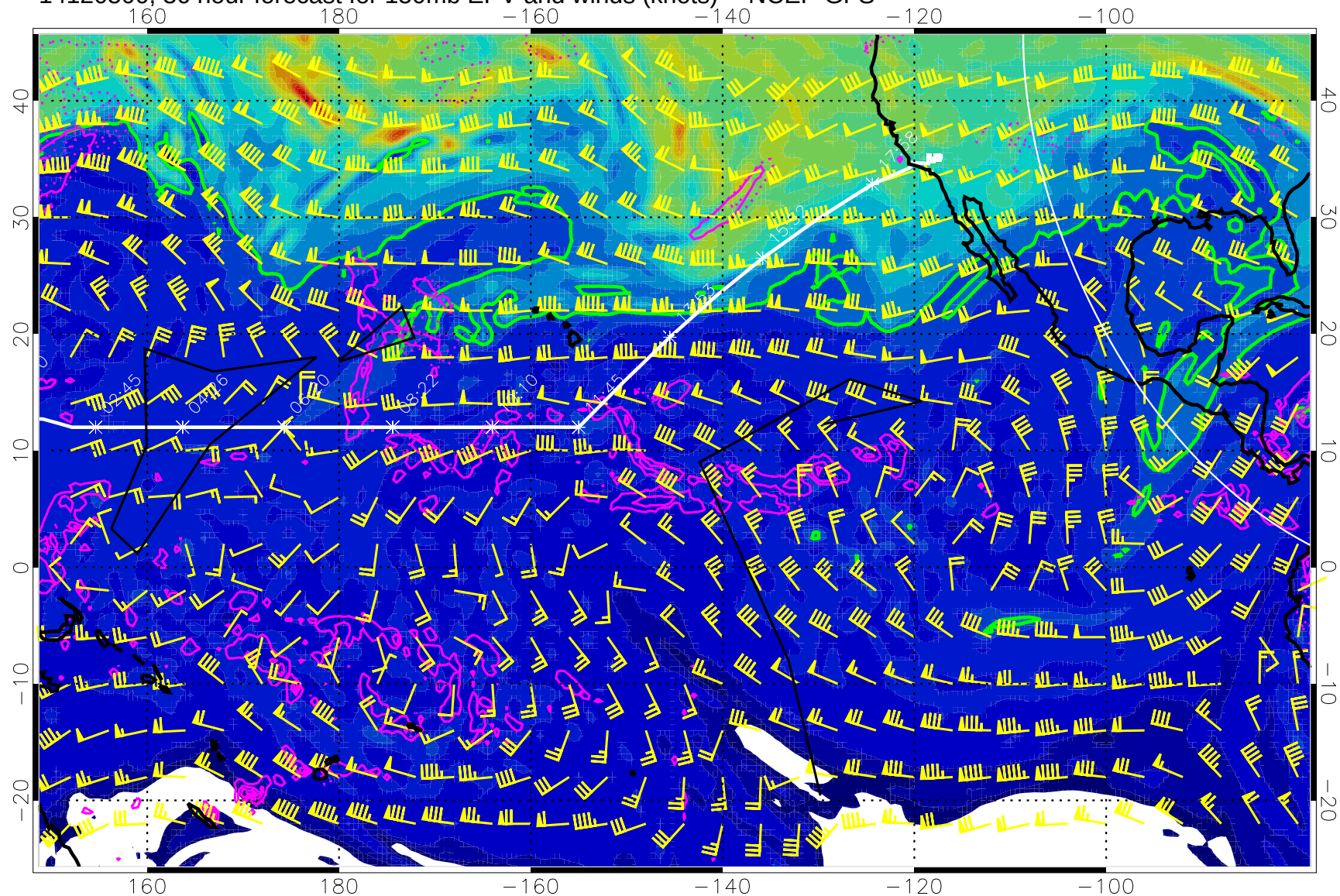
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120500, 36 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



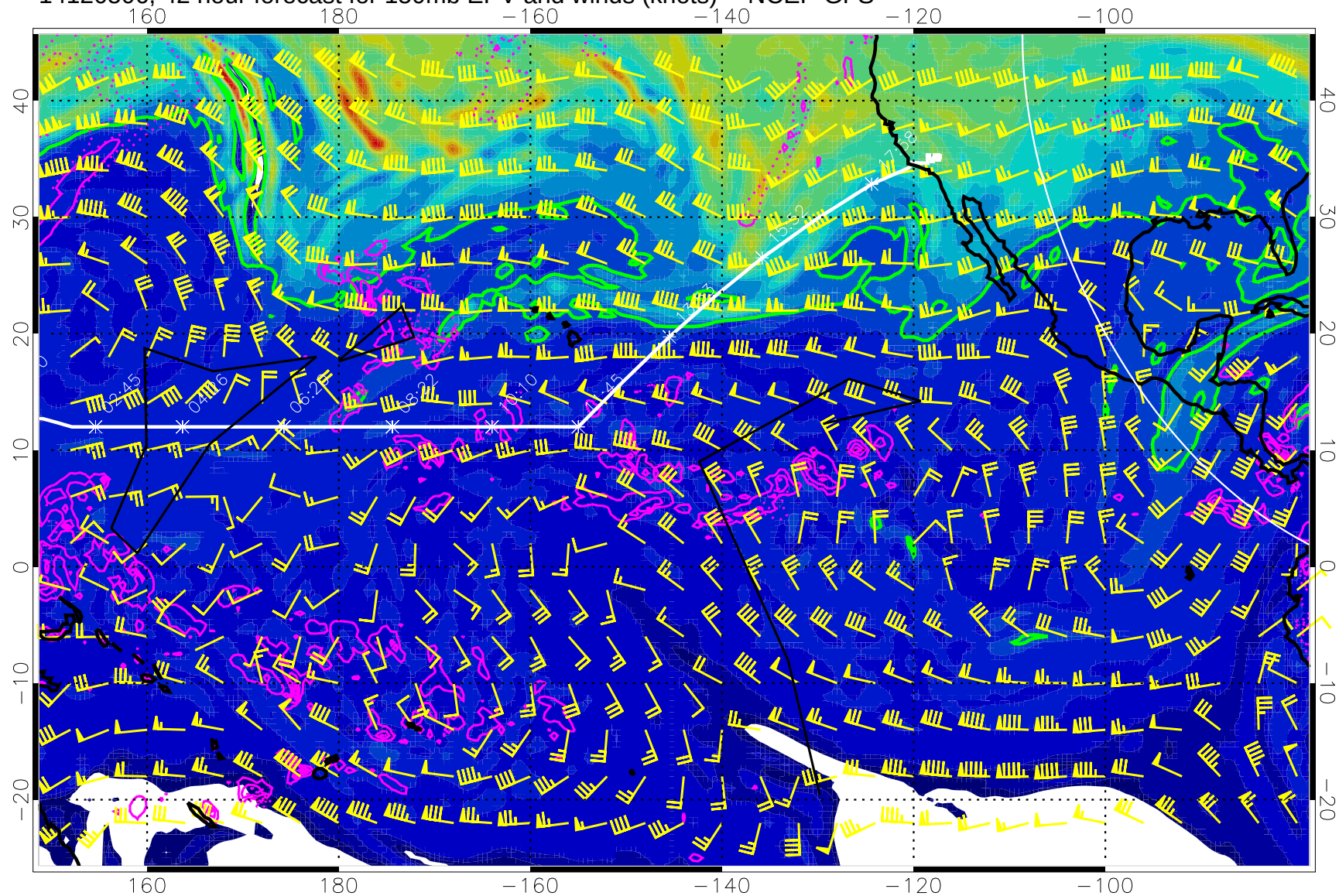
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120506, 42 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



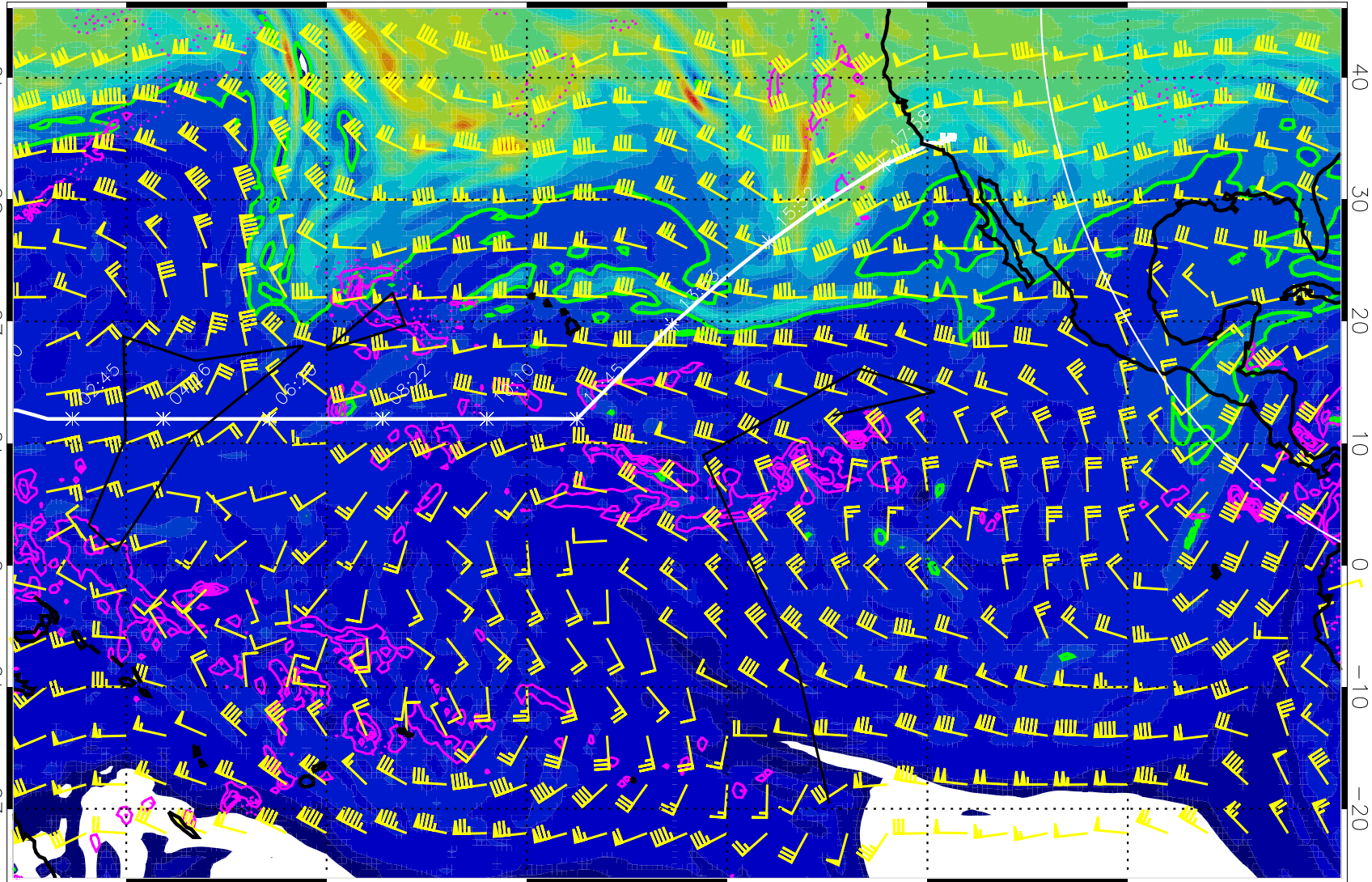
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

160 180 -160 -140 -120 -100

 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}

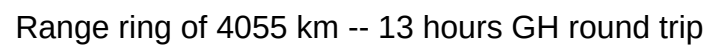
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

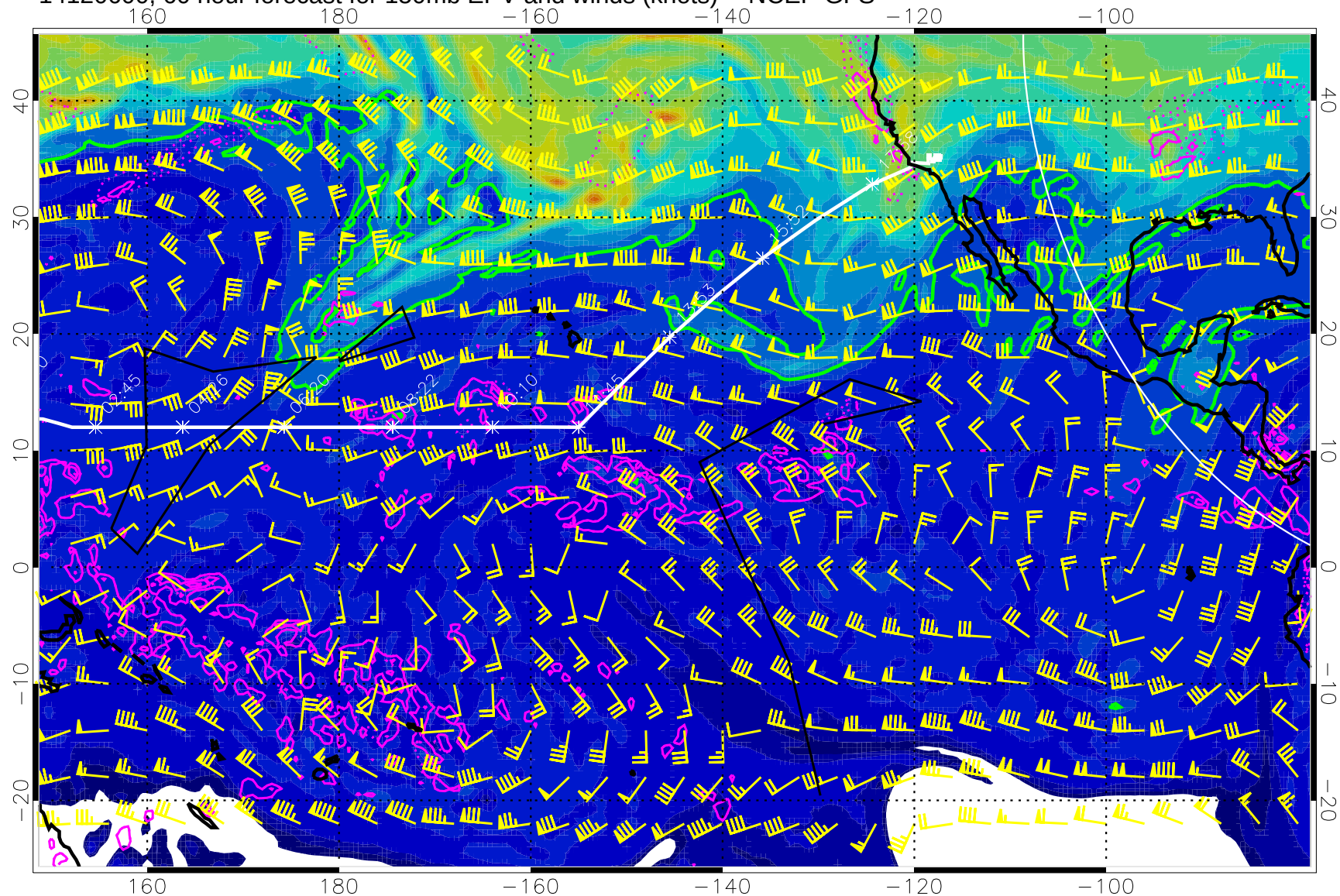
EPV Tropopause (2 PVU) Position

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

160	180	-160	-140	-120	-100
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14120600, 60 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



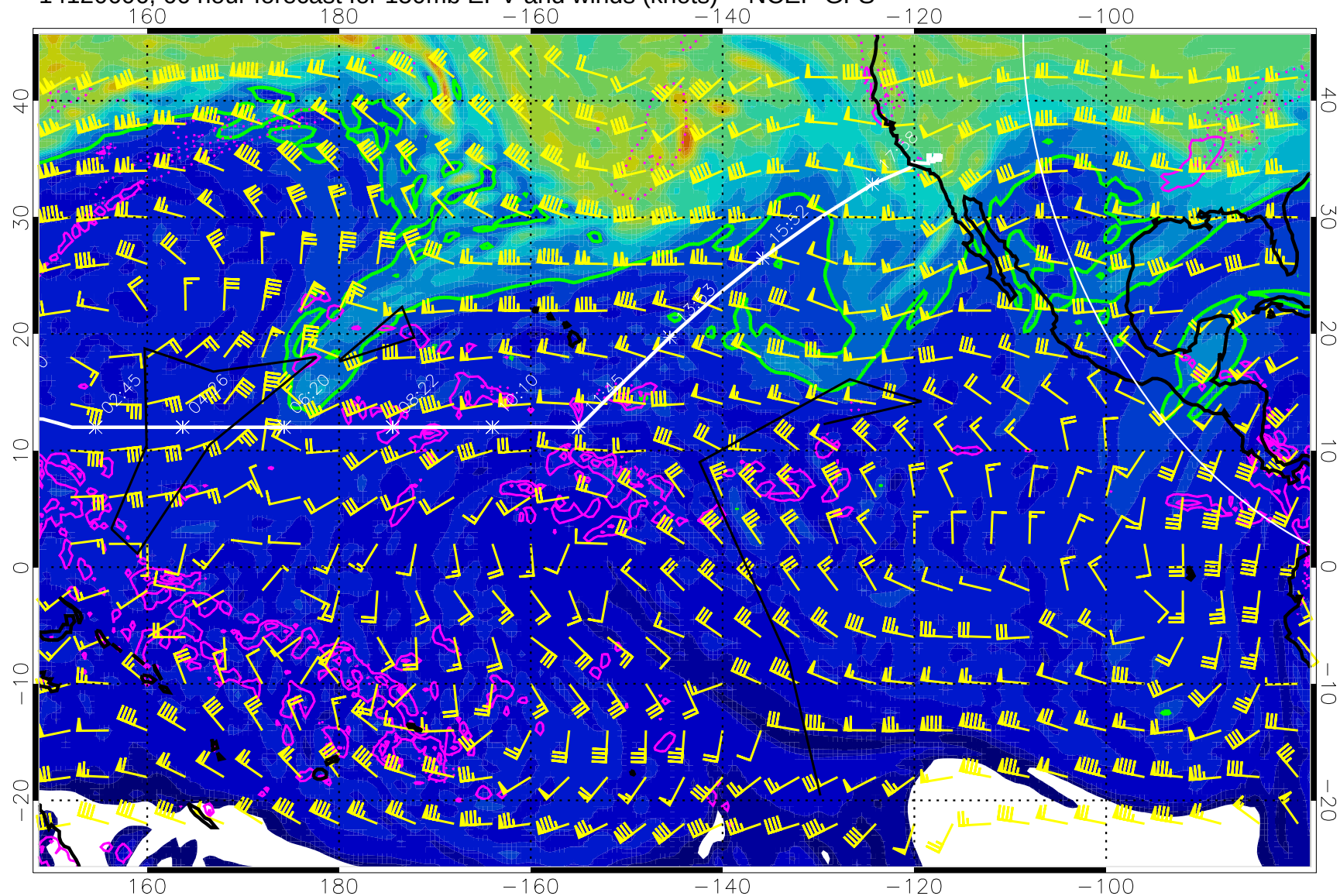
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120606, 66 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



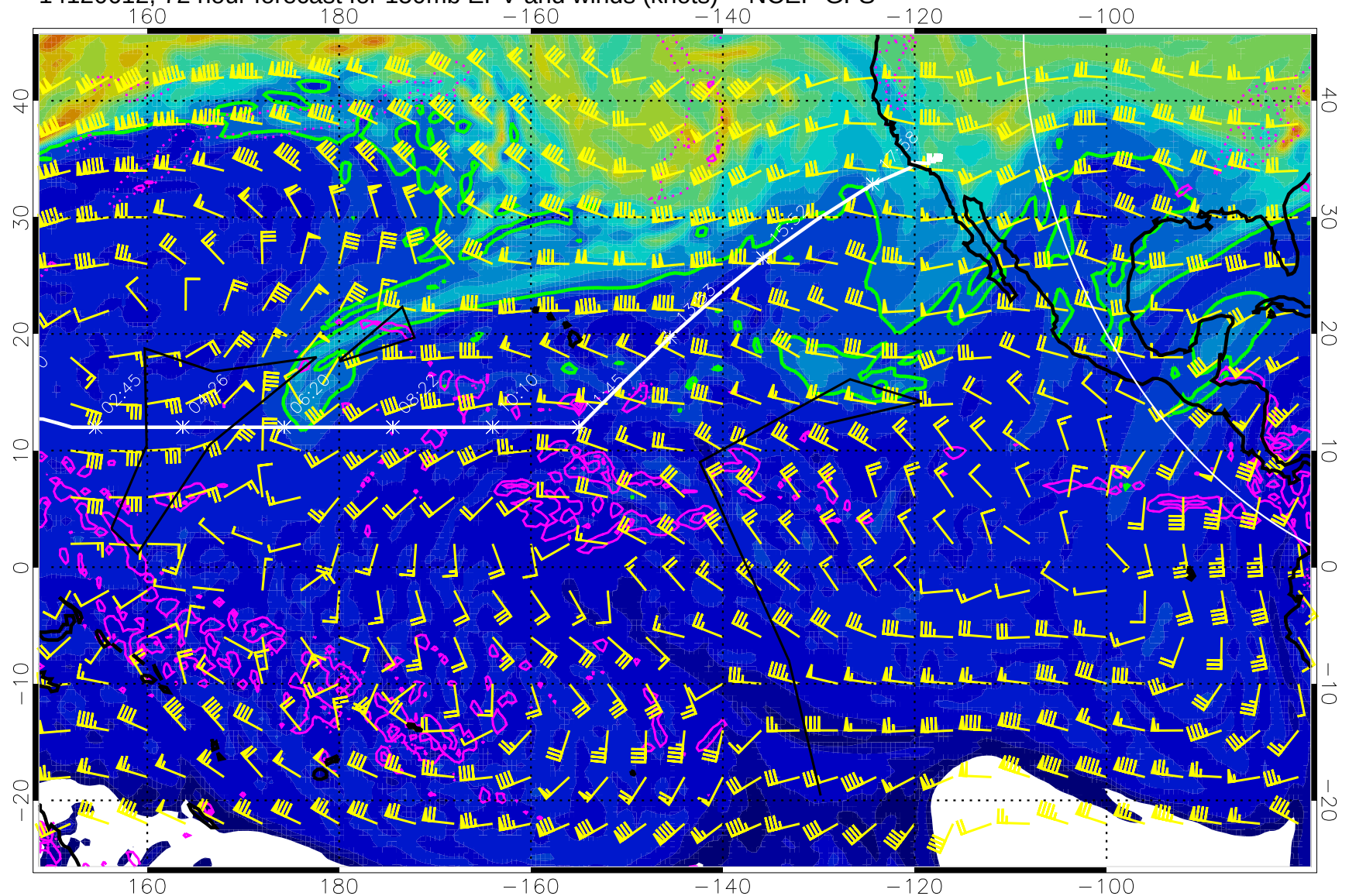
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120612, 72 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



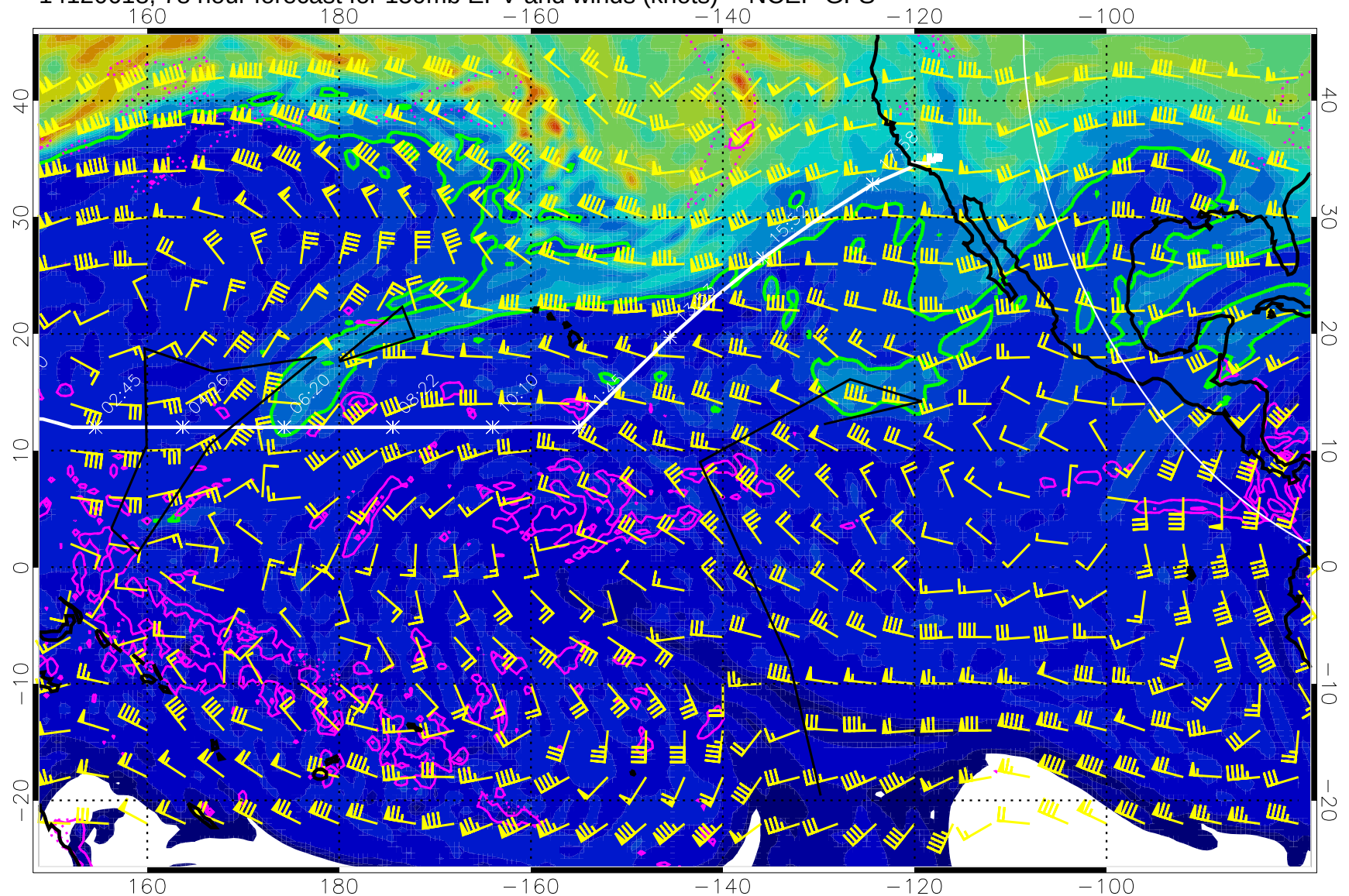
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120618, 78 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



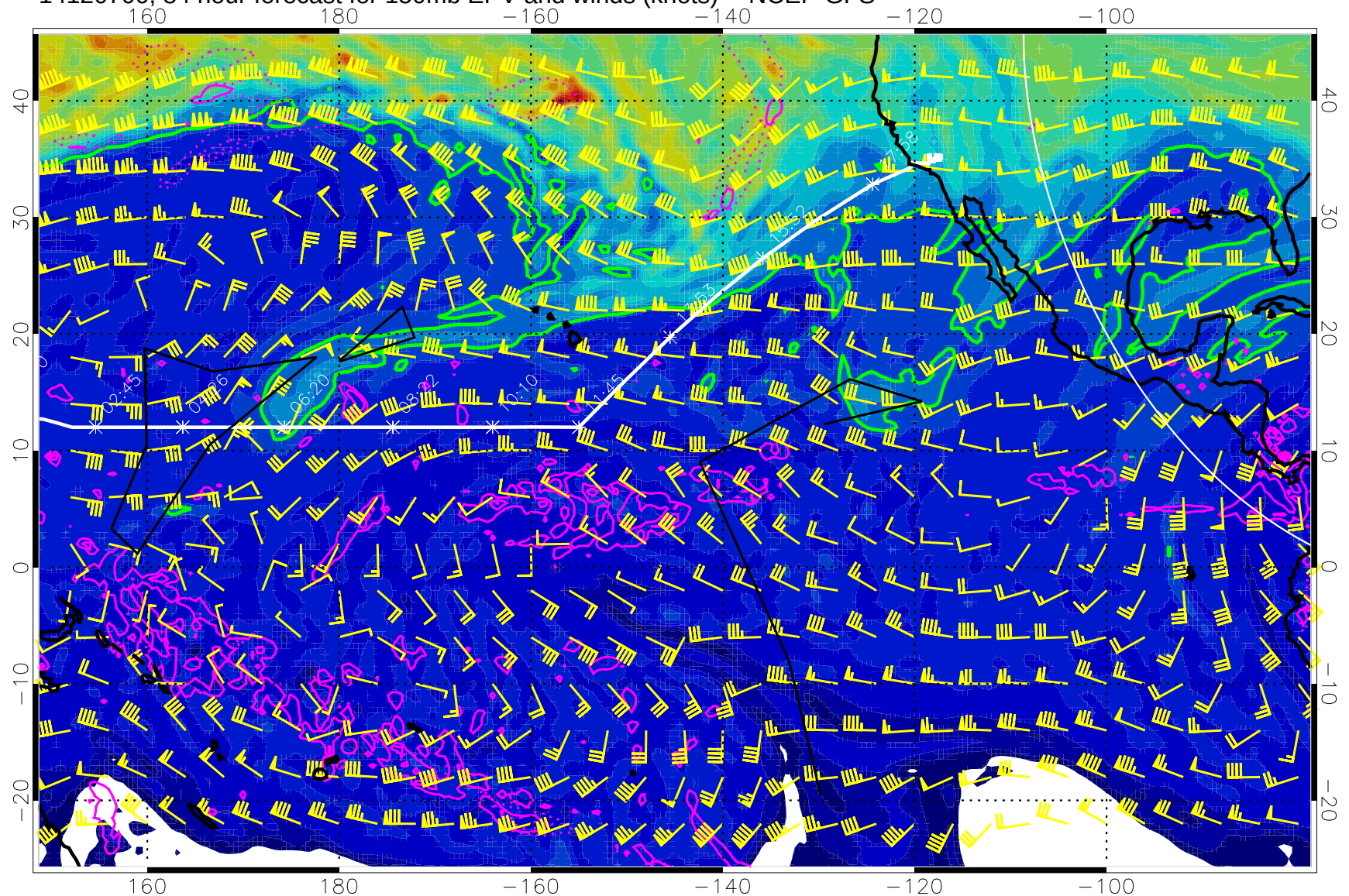
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120700, 84 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



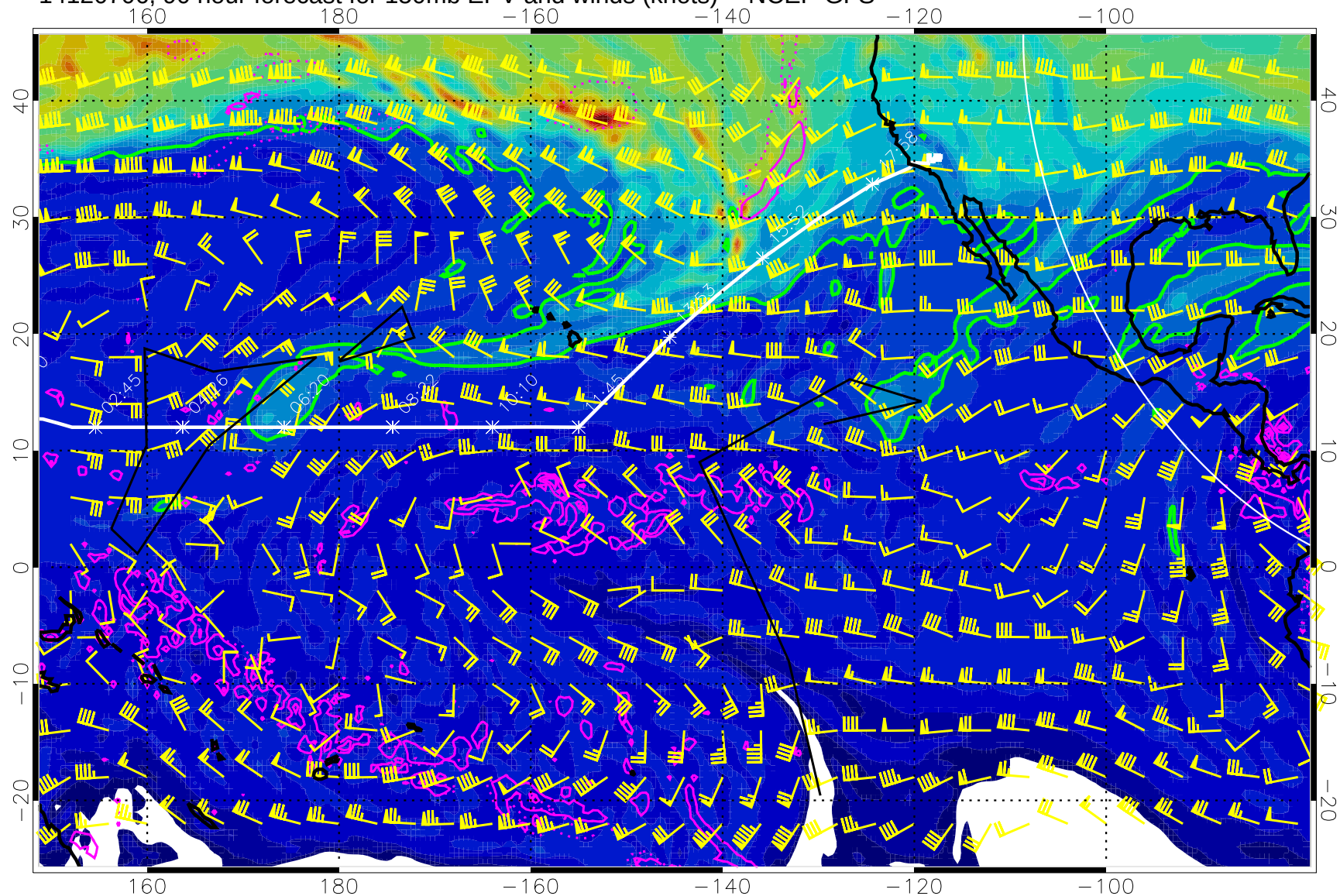
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120706, 90 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



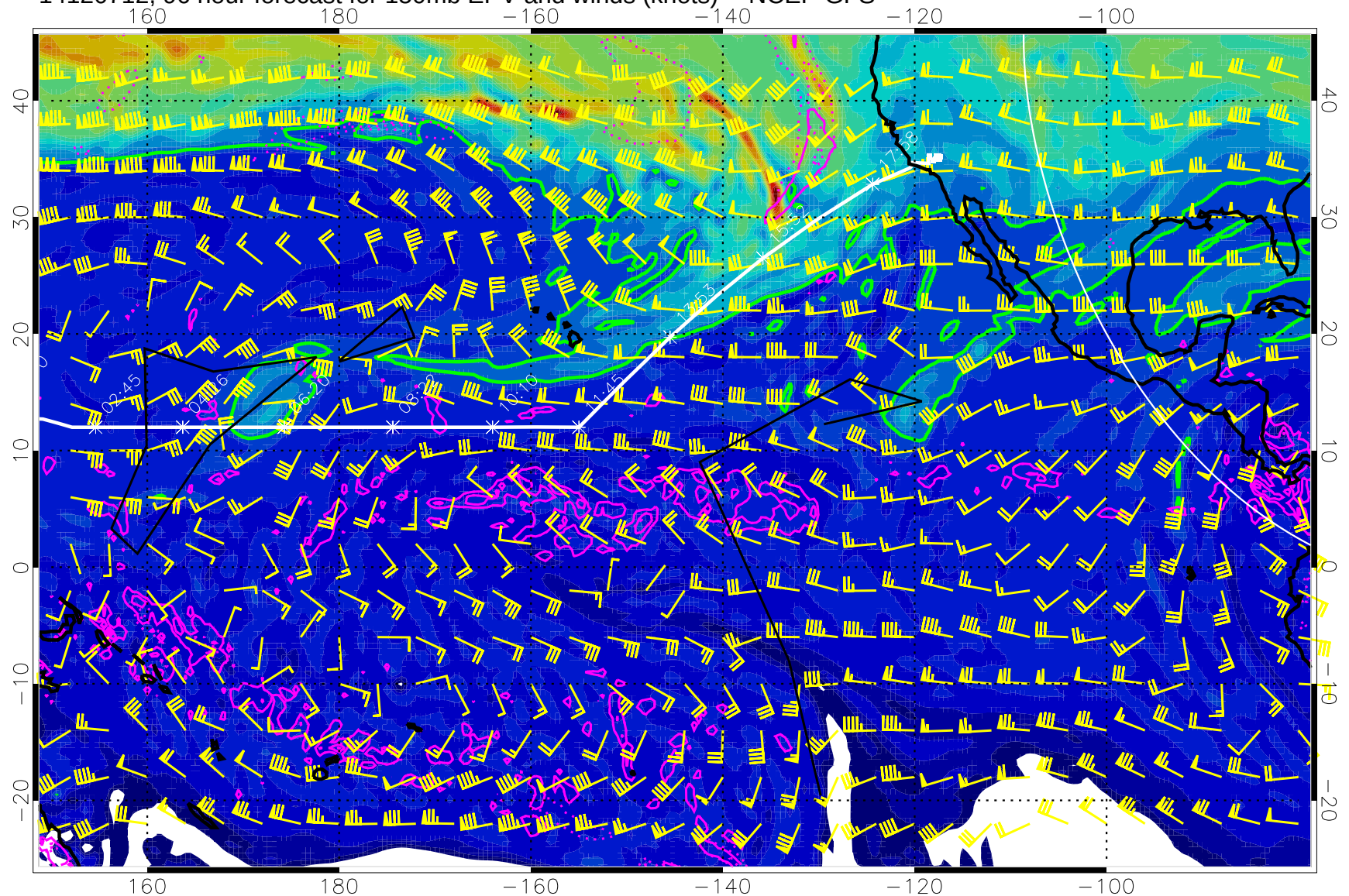
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120712, 96 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



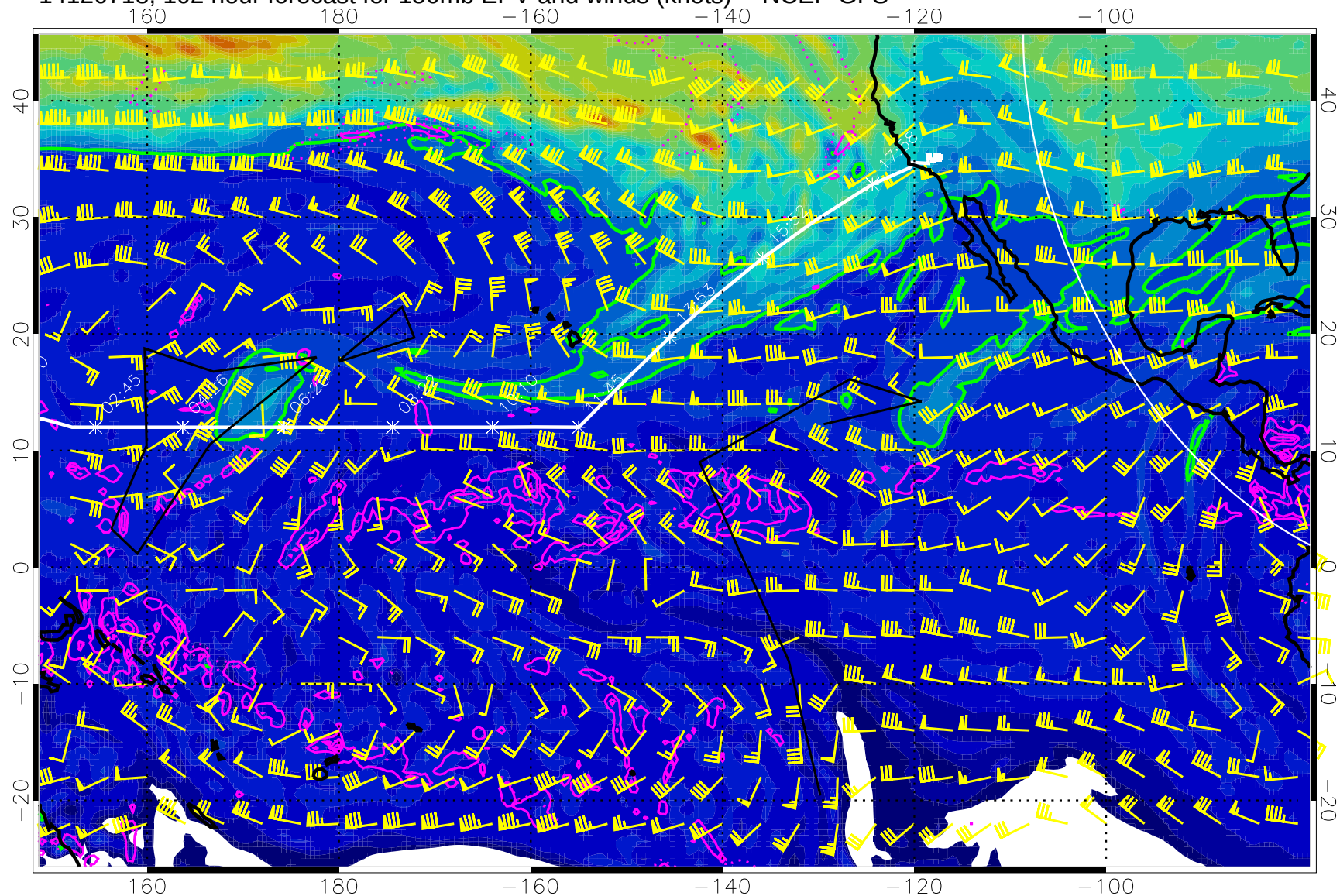
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120718, 102 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



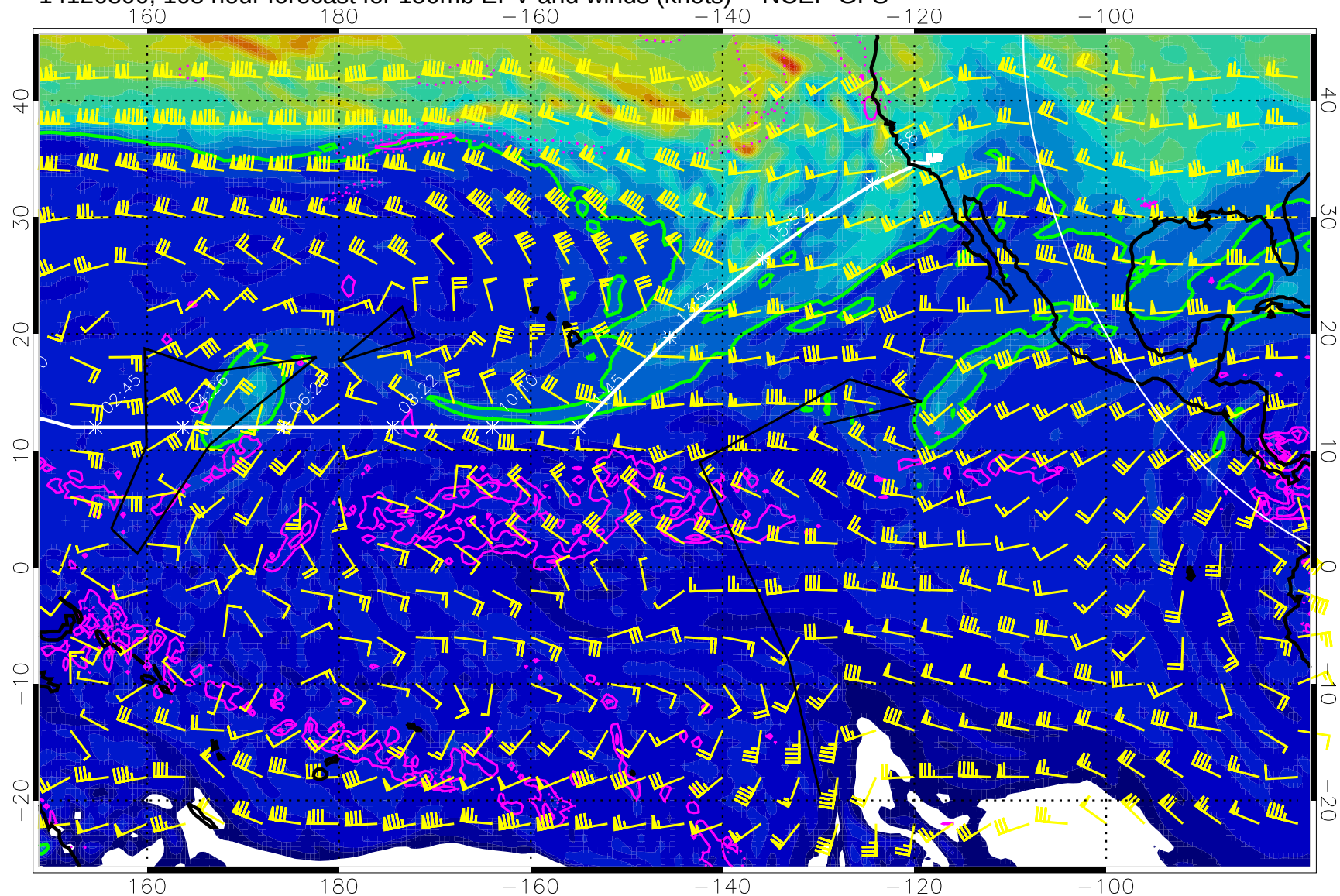
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120800, 108 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



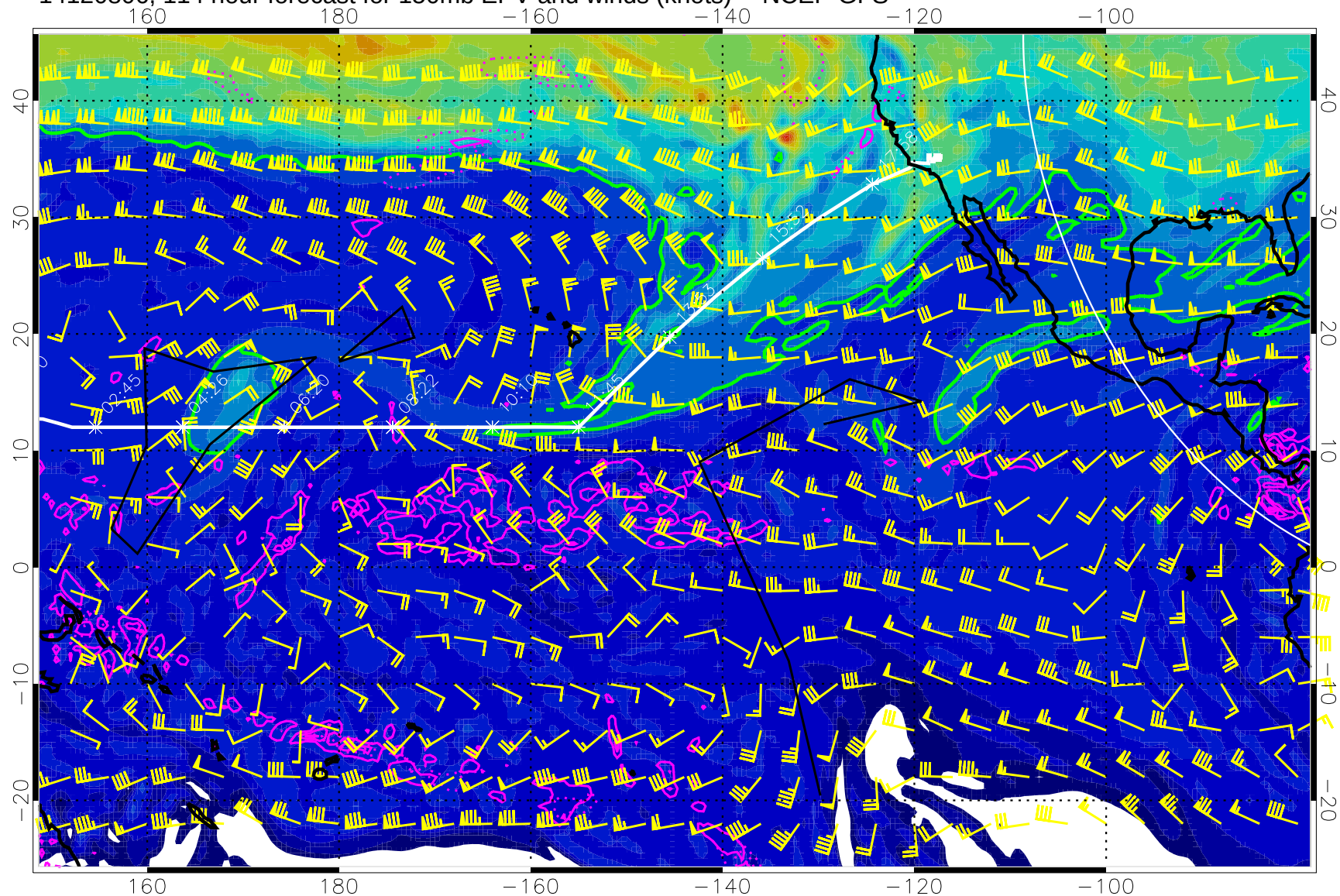
0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120806, 114 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



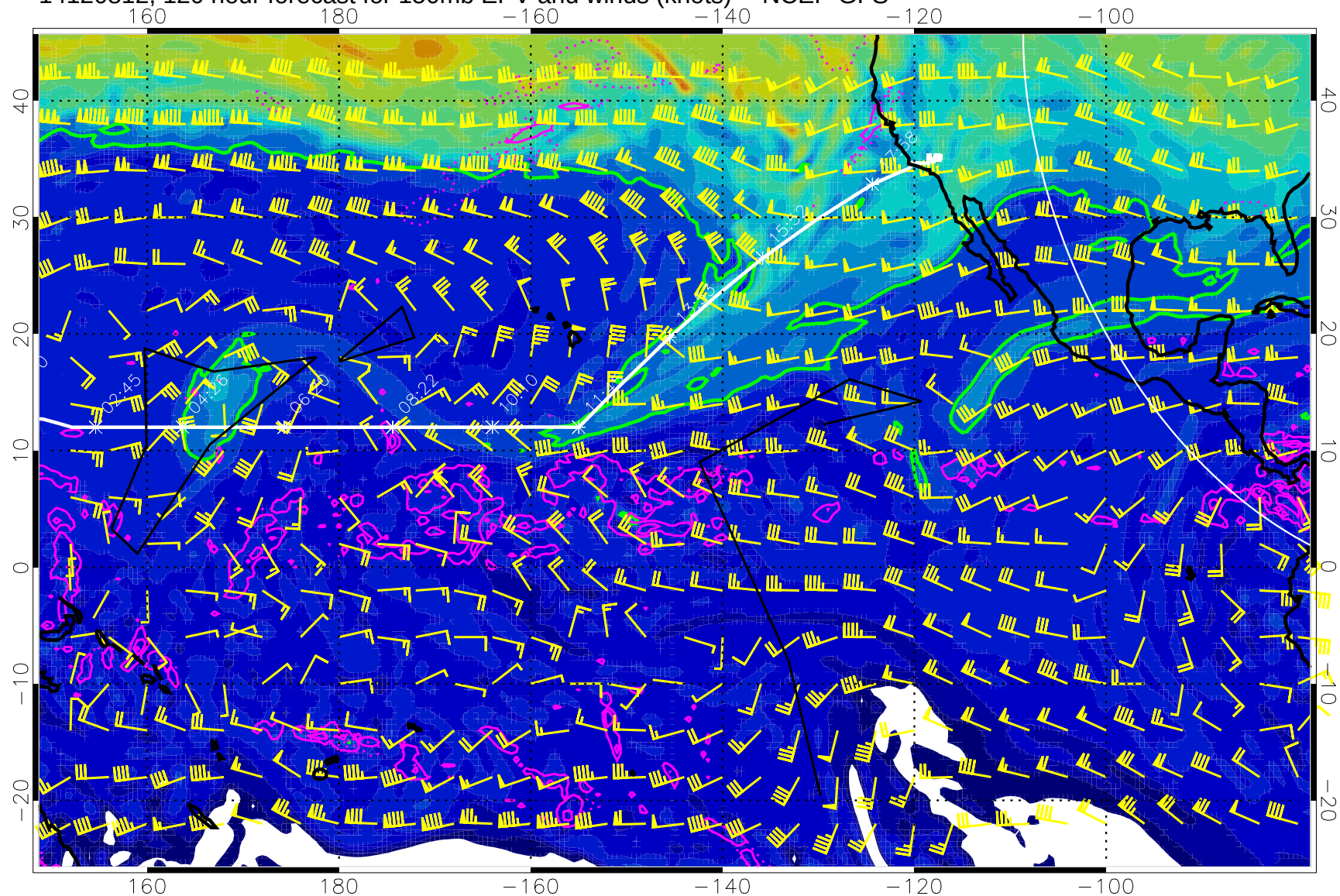
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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

14120812, 120 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



0 5.0×10^{-6} 1.0×10^{-5} 1.5×10^{-5}
PVU

Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

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