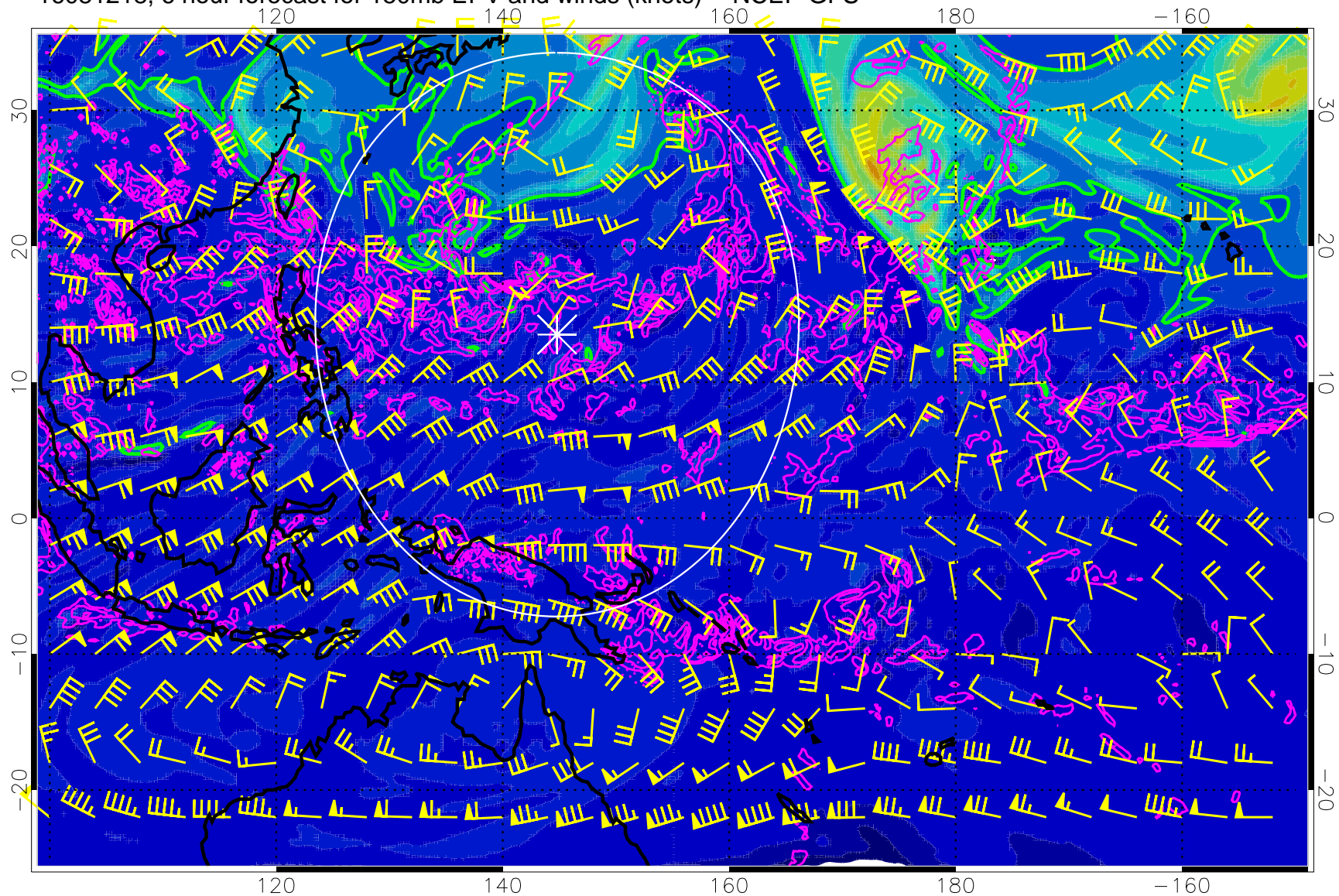


16081218, 6 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



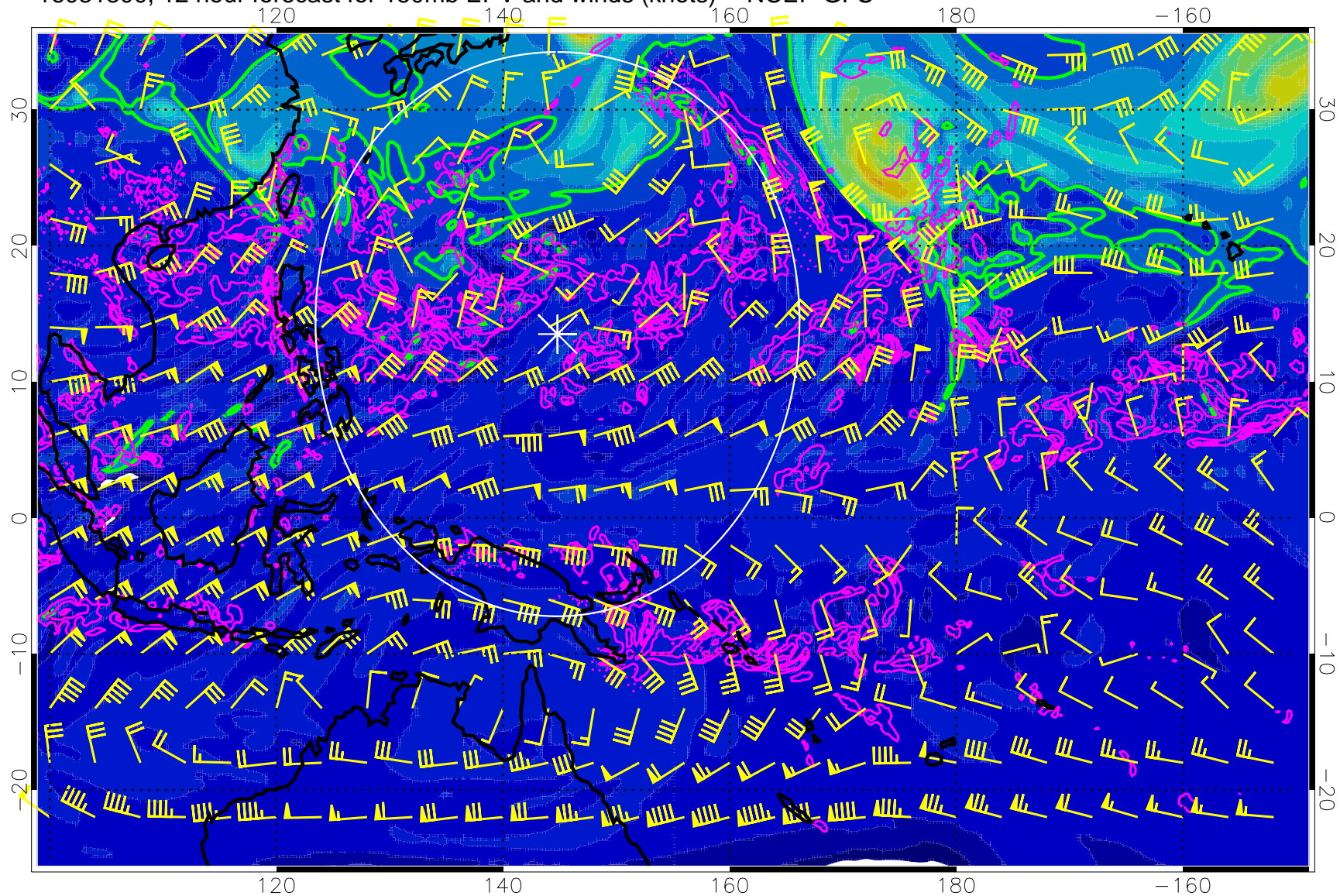
0       $5.0 \times 10^{-6}$        $1.0 \times 10^{-5}$        $1.5 \times 10^{-5}$   
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081300, 12 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



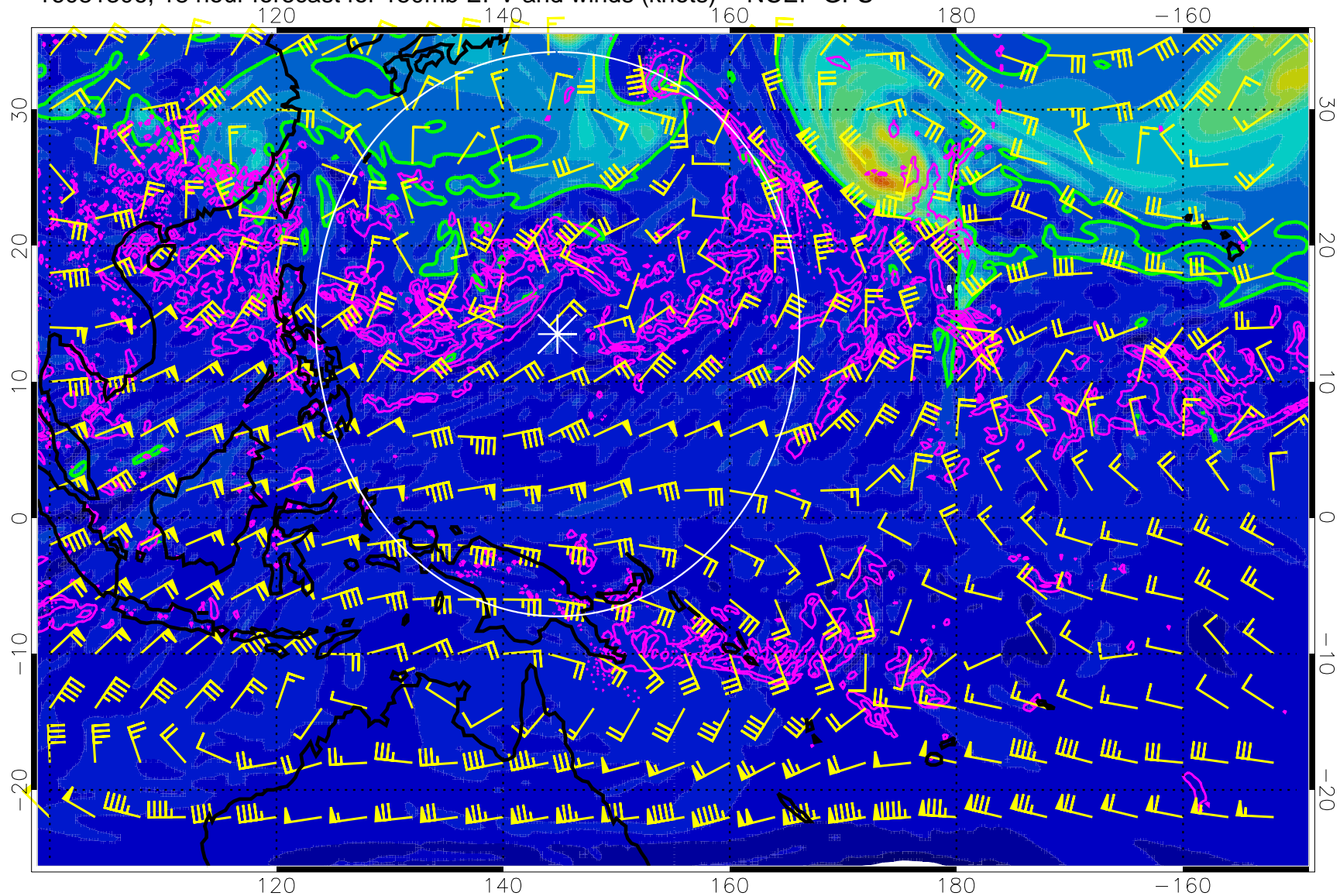
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081306, 18 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



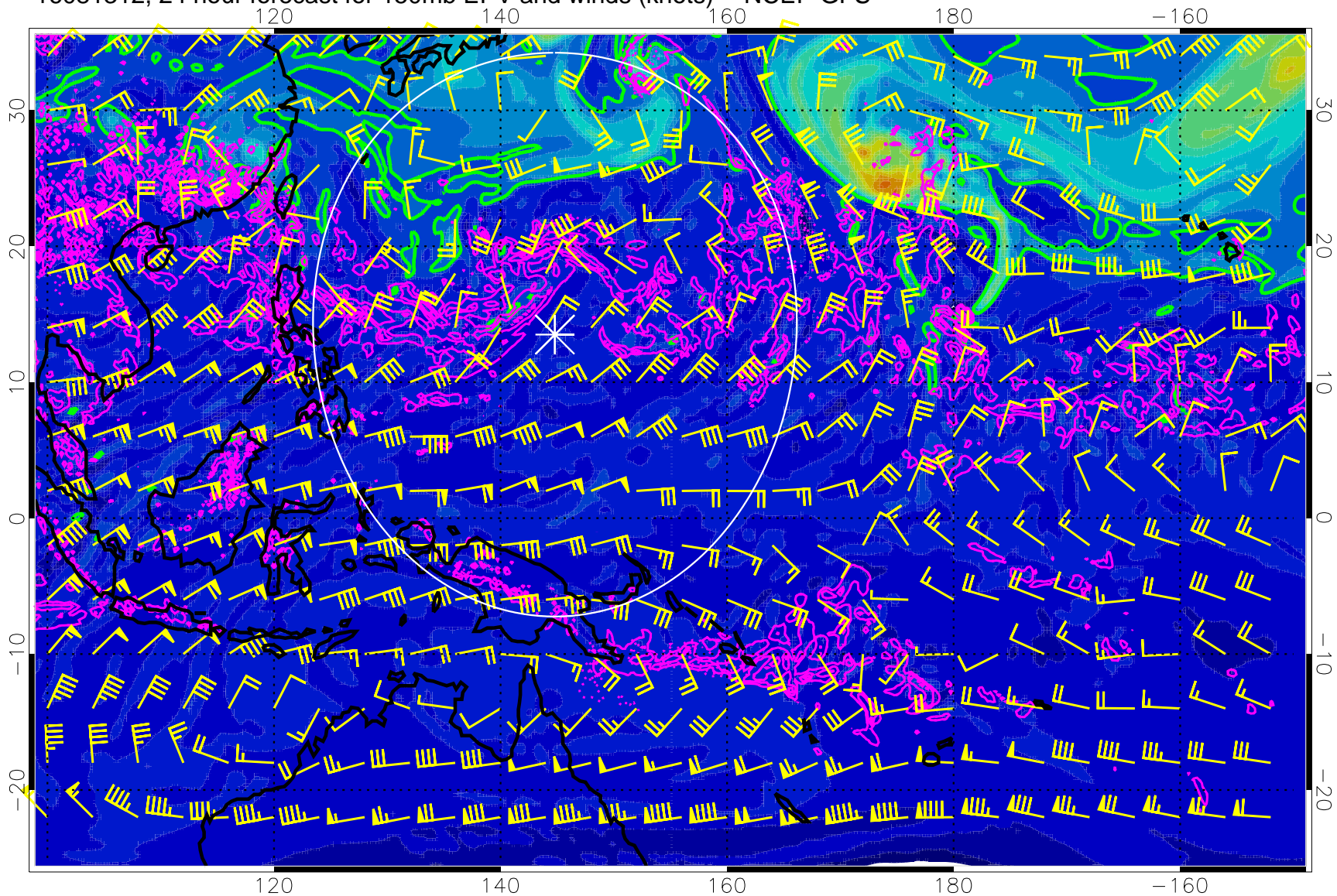
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081312, 24 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



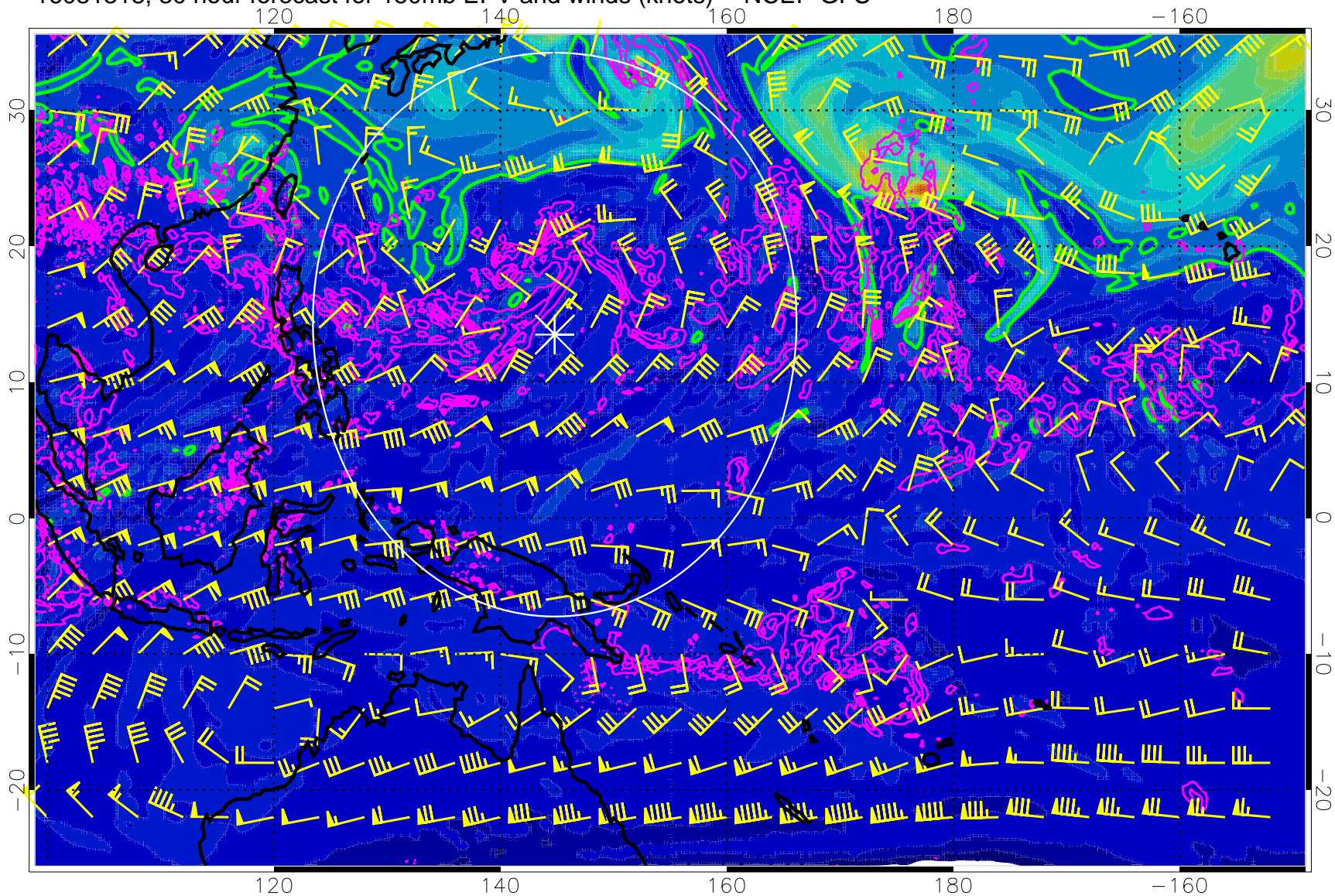
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081318, 30 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



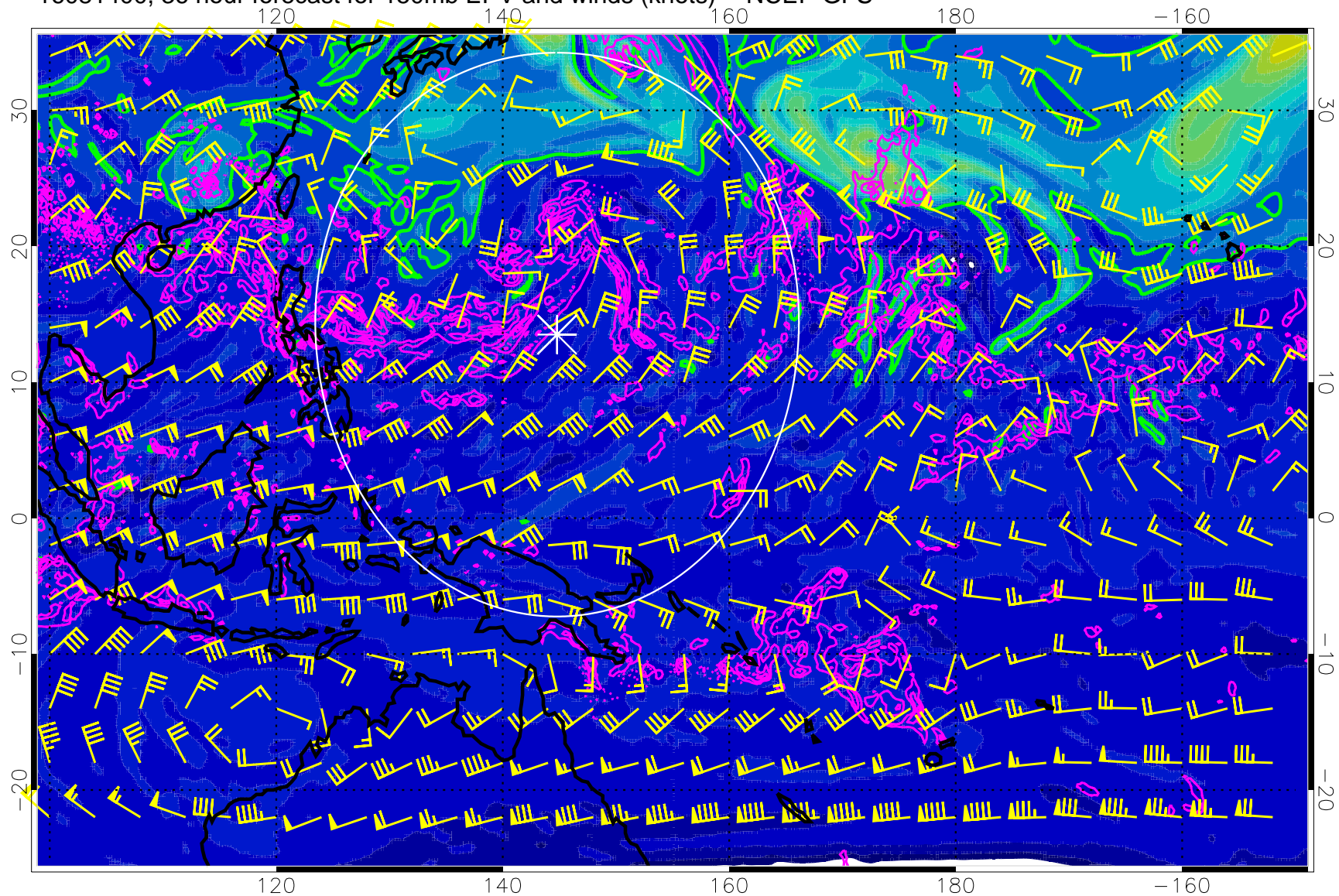
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081400, 36 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



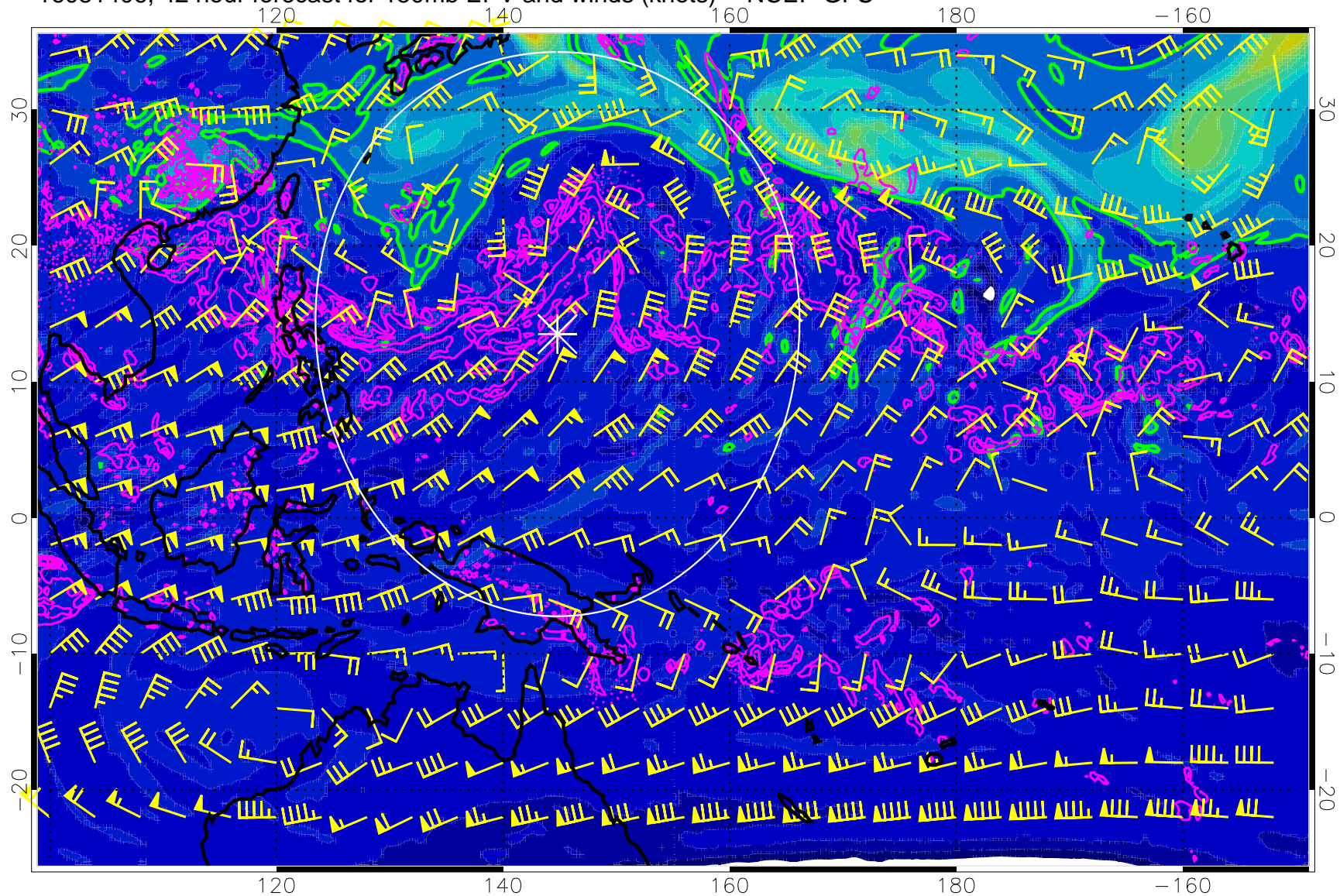
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081406, 42 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



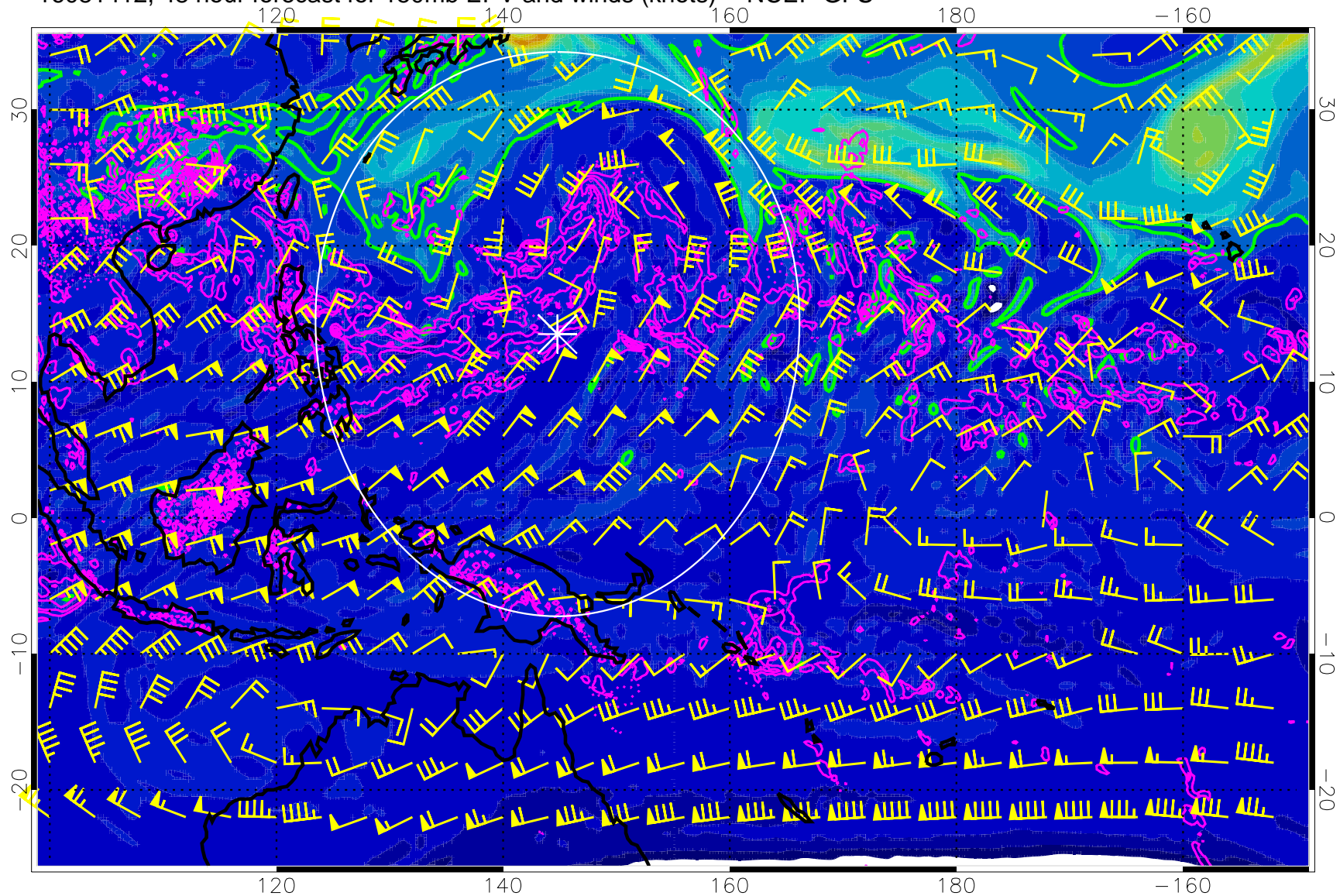
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081412, 48 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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

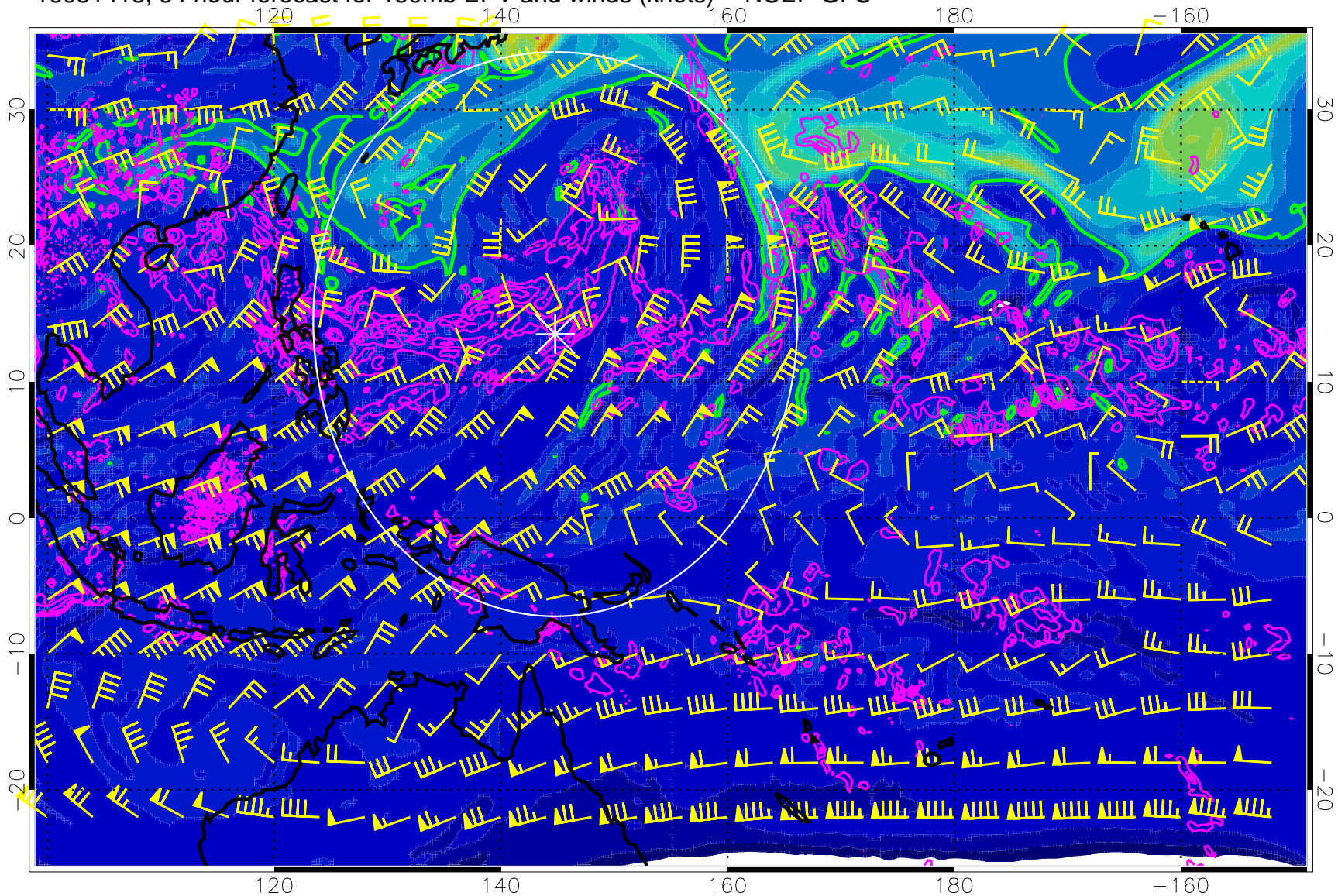
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

Range ring of 2304 km



16081418, 54 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



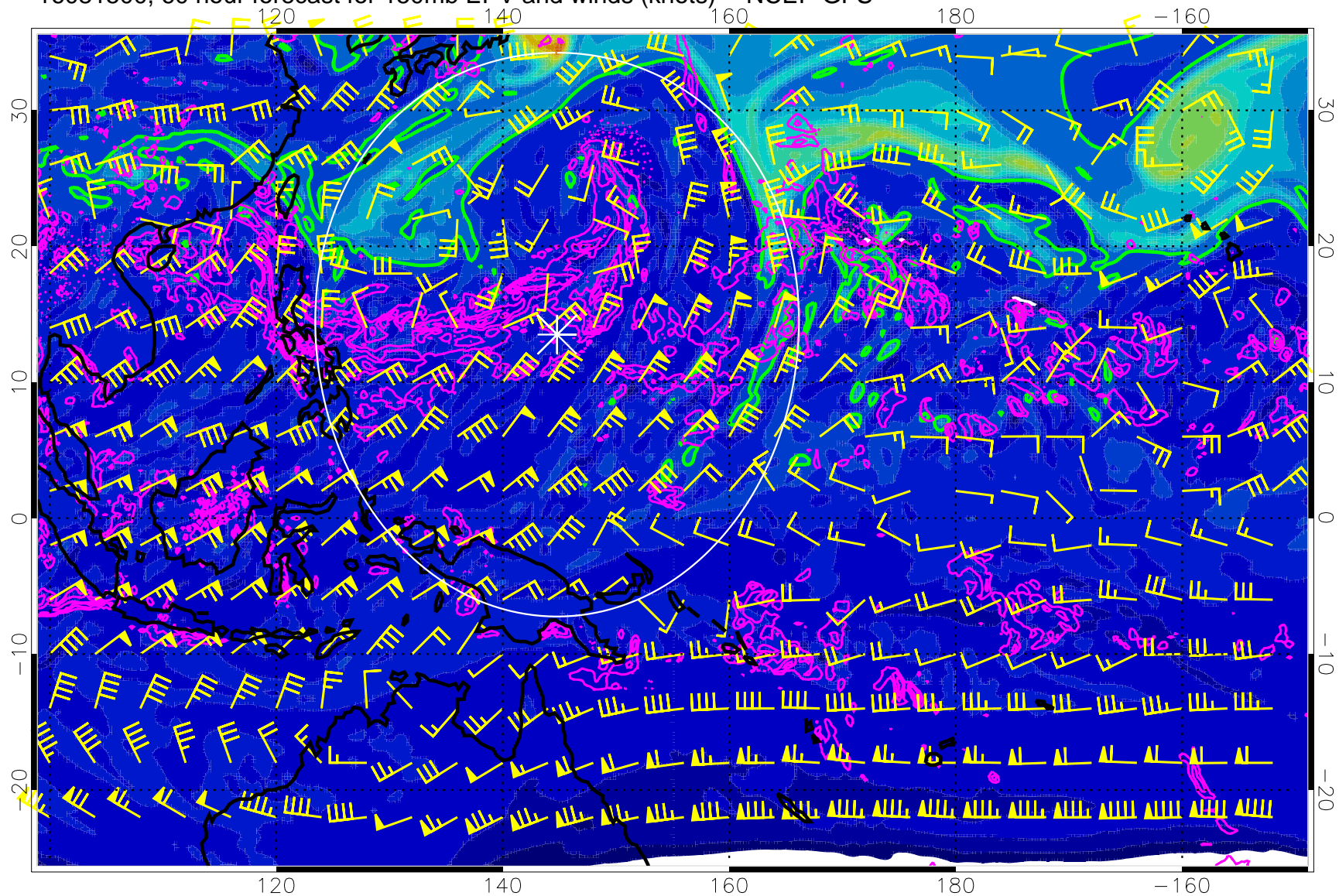
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081500, 60 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS

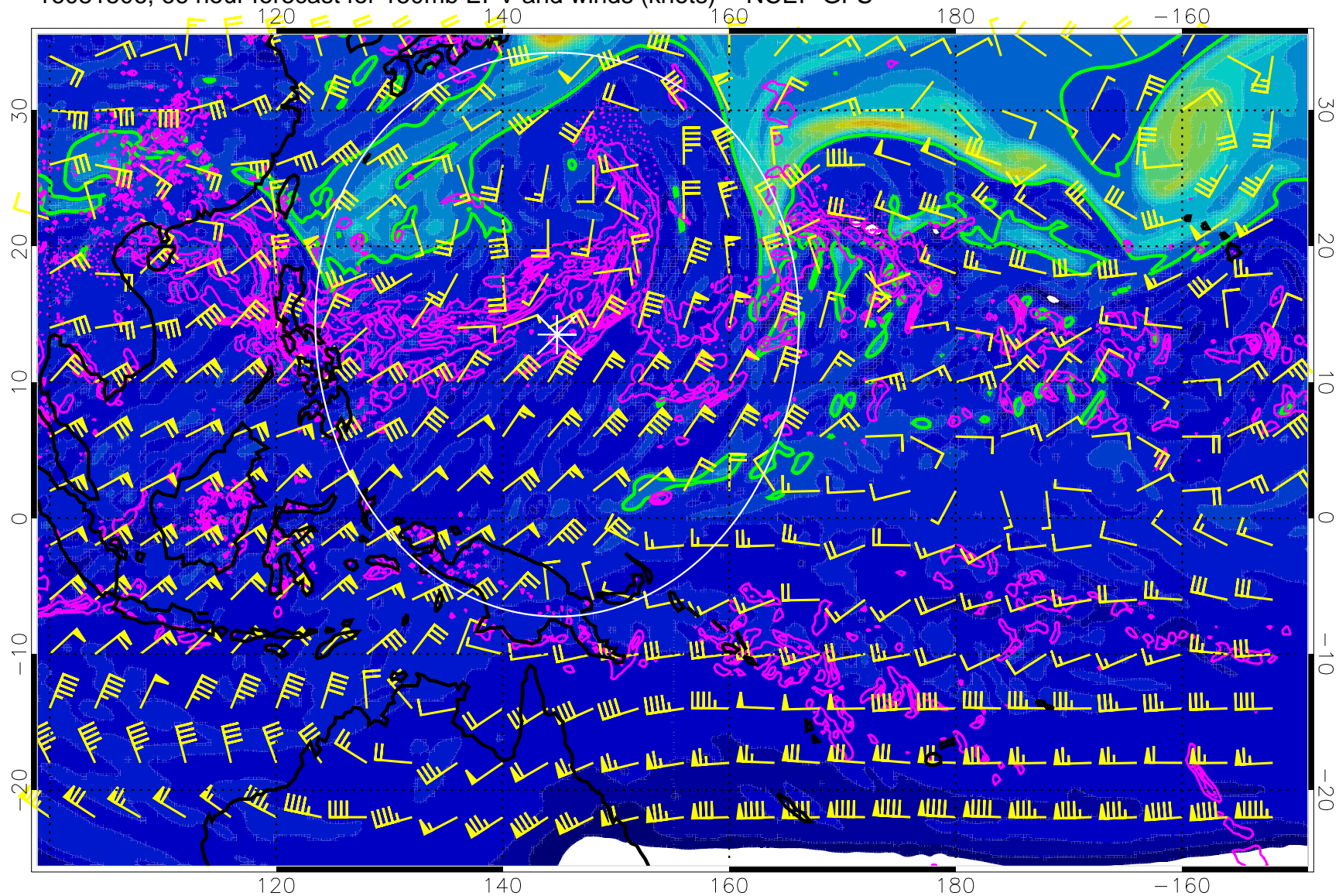


Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081506, 66 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



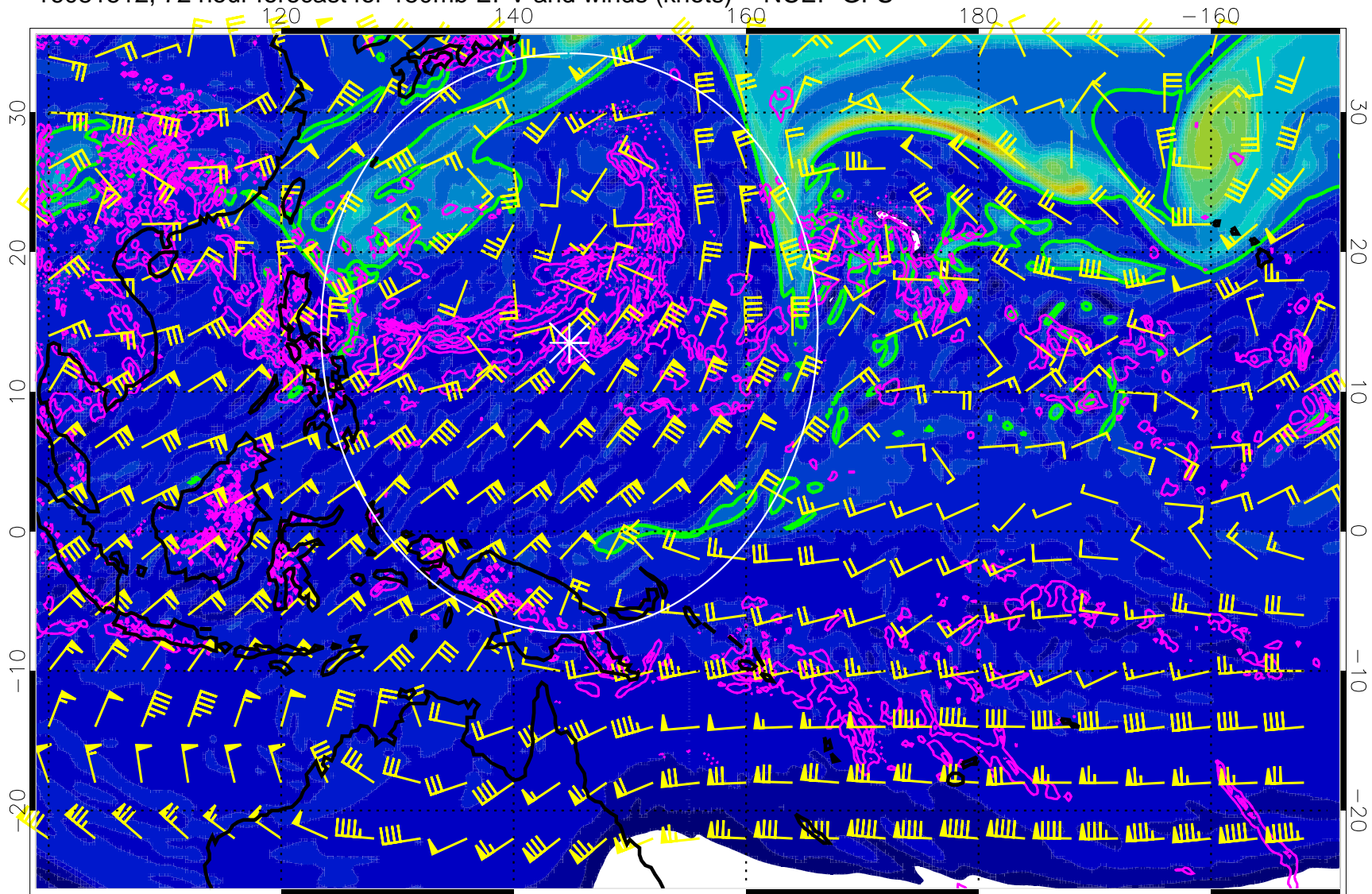
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081512, 72 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



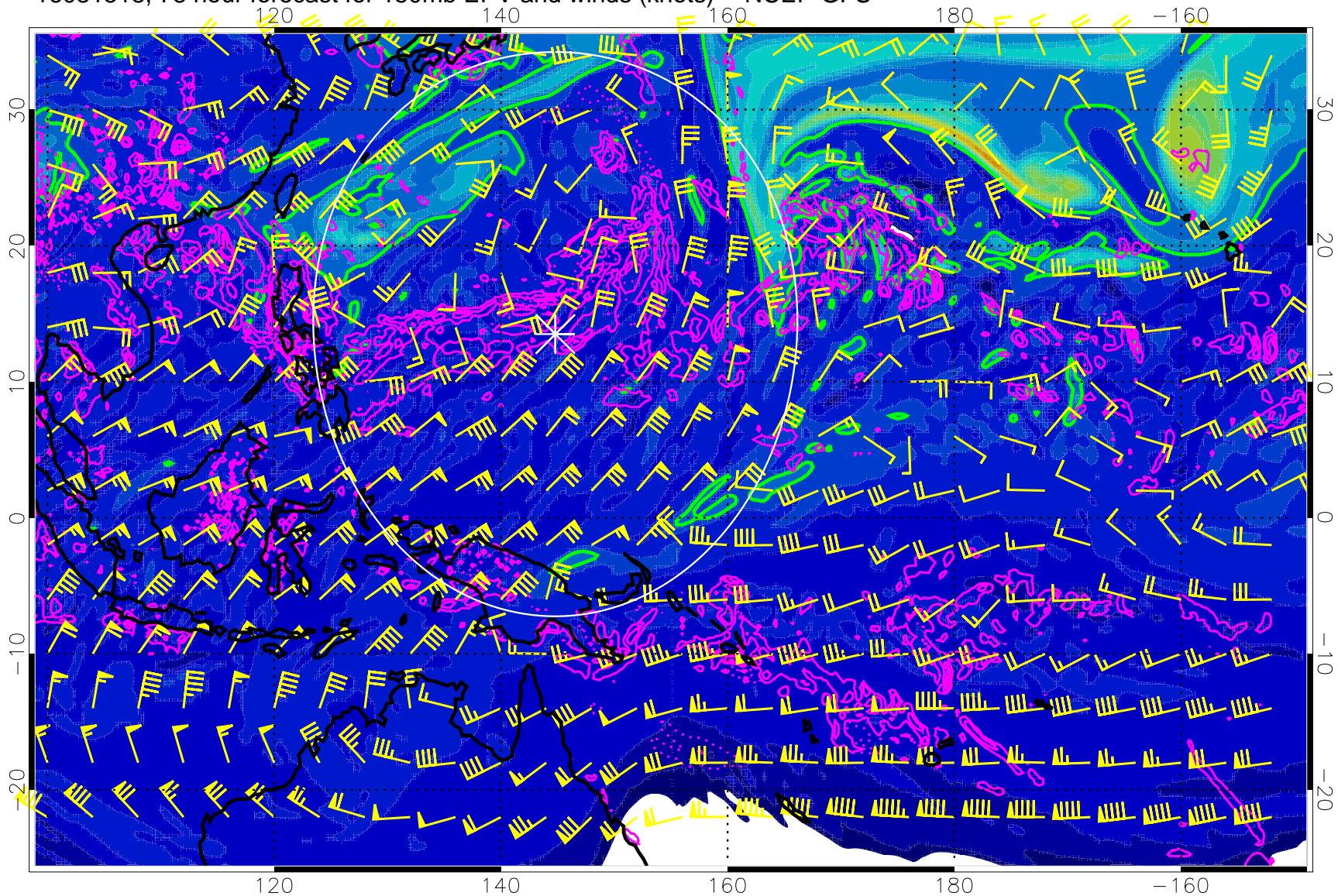
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081518, 78 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



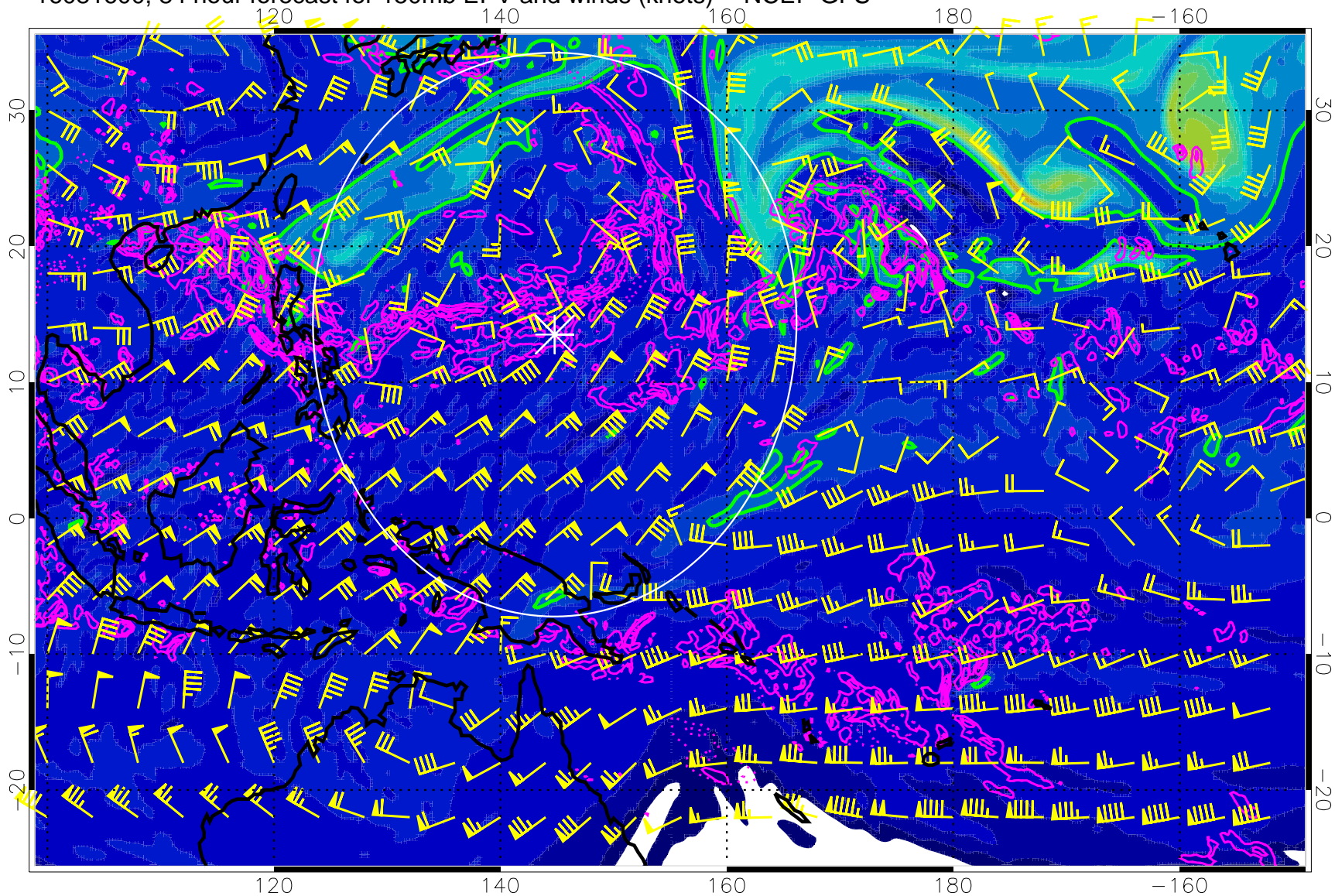
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081600, 84 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



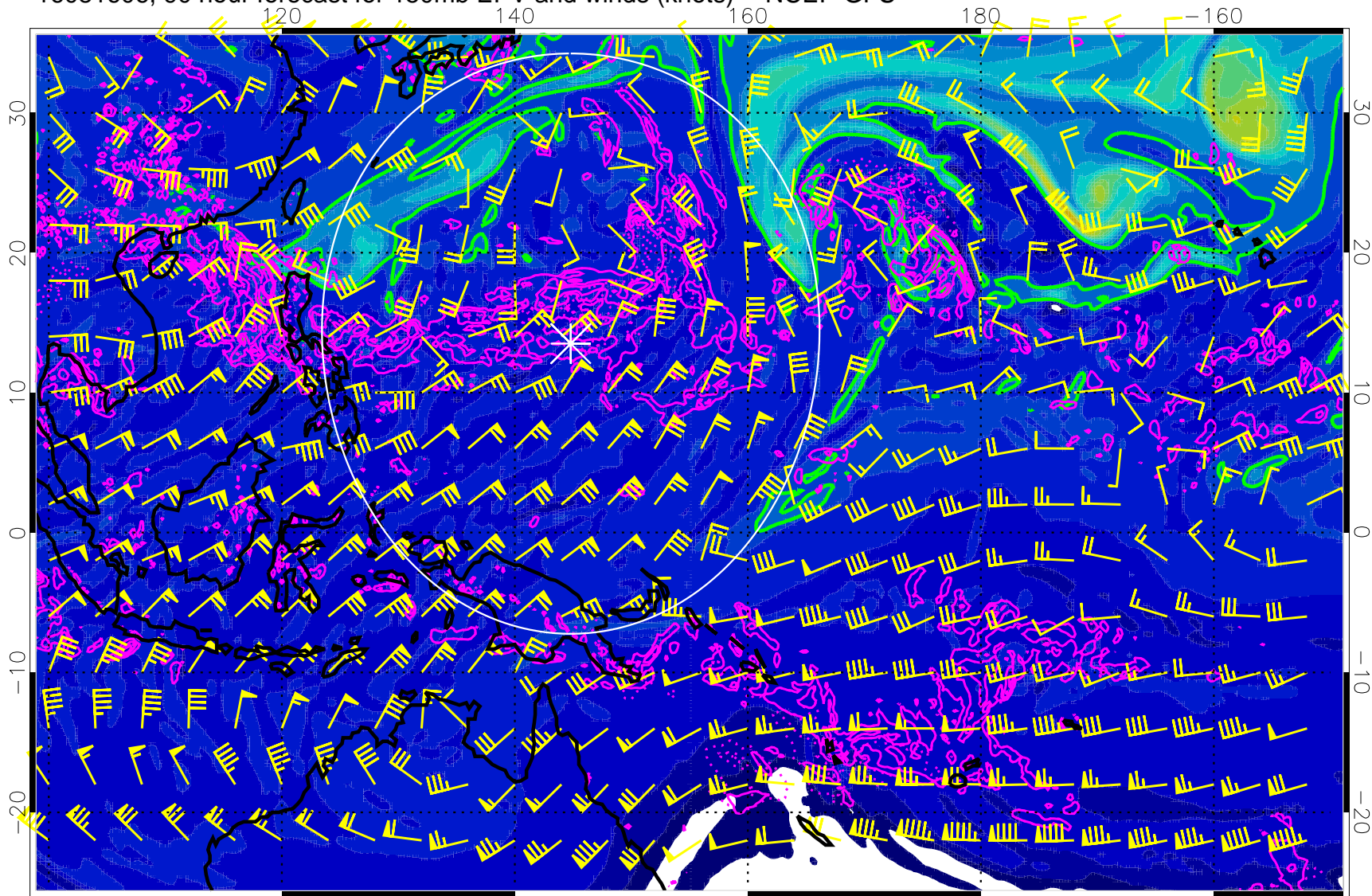
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081606, 90 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



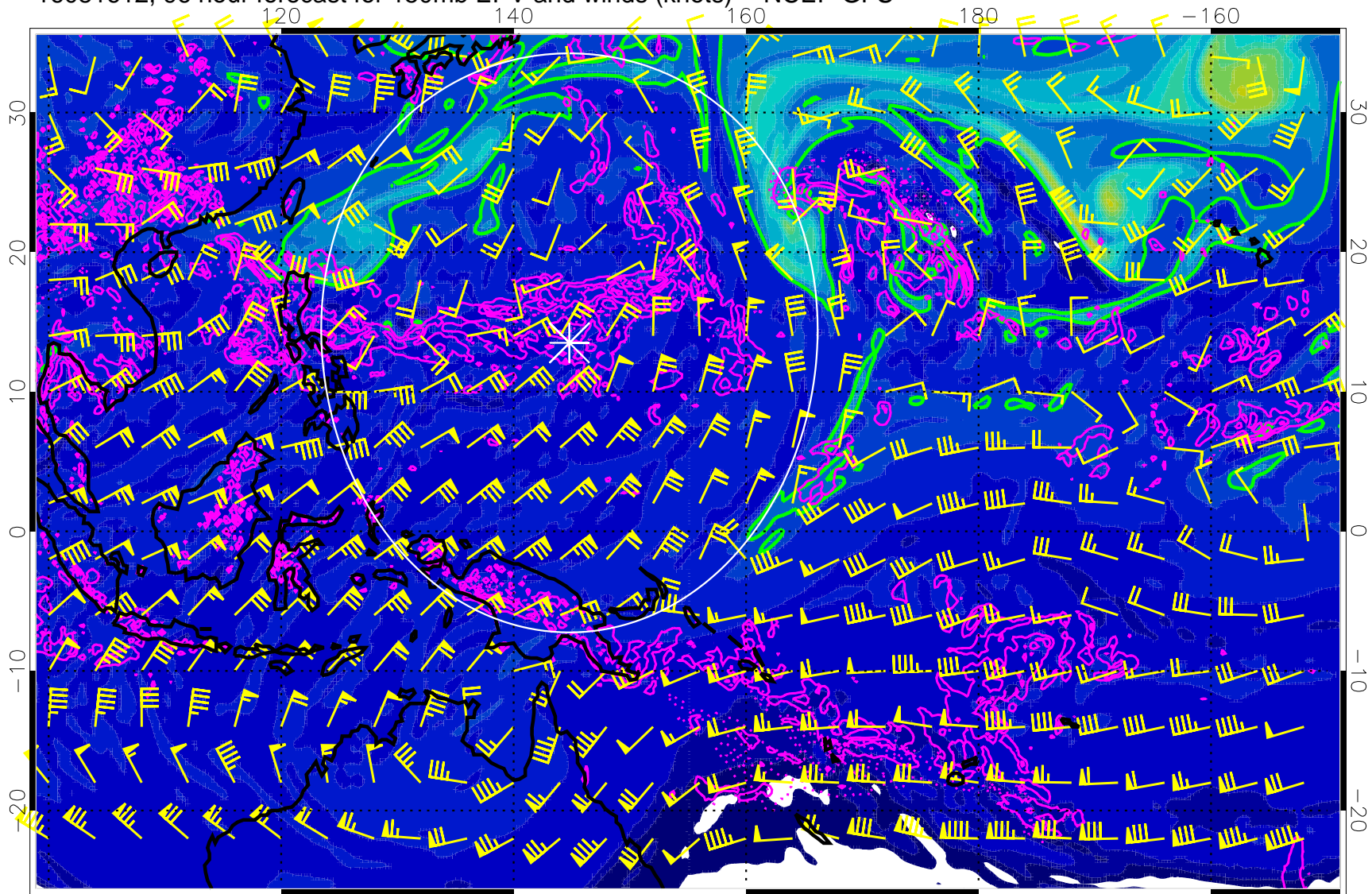
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081612, 96 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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

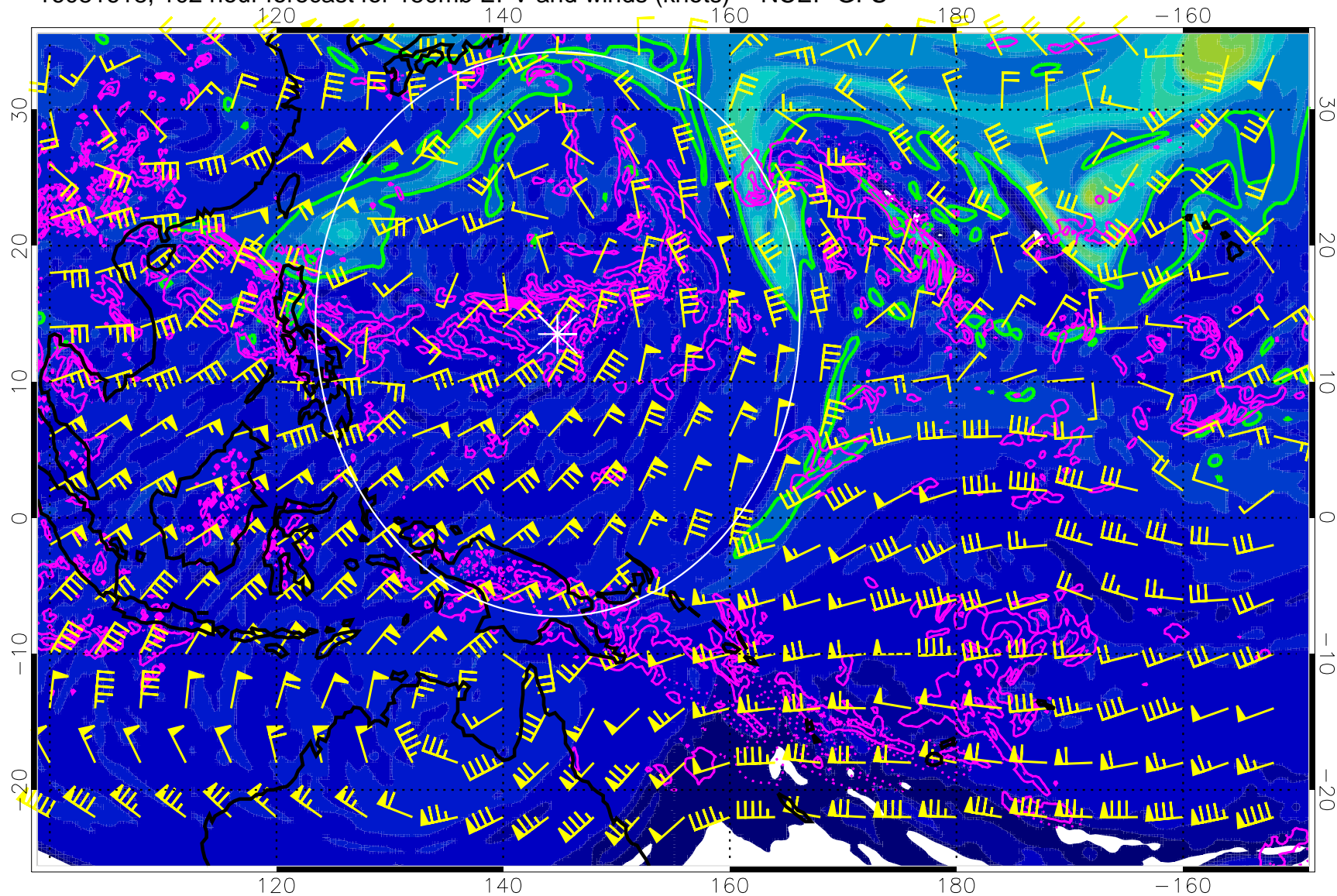
Precip (tot dot, conv sol) mm/day 40 mm/day contours, min 20

EPV Tropopause (2 PVU) Position

Range ring of 2304 km



16081618, 102 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



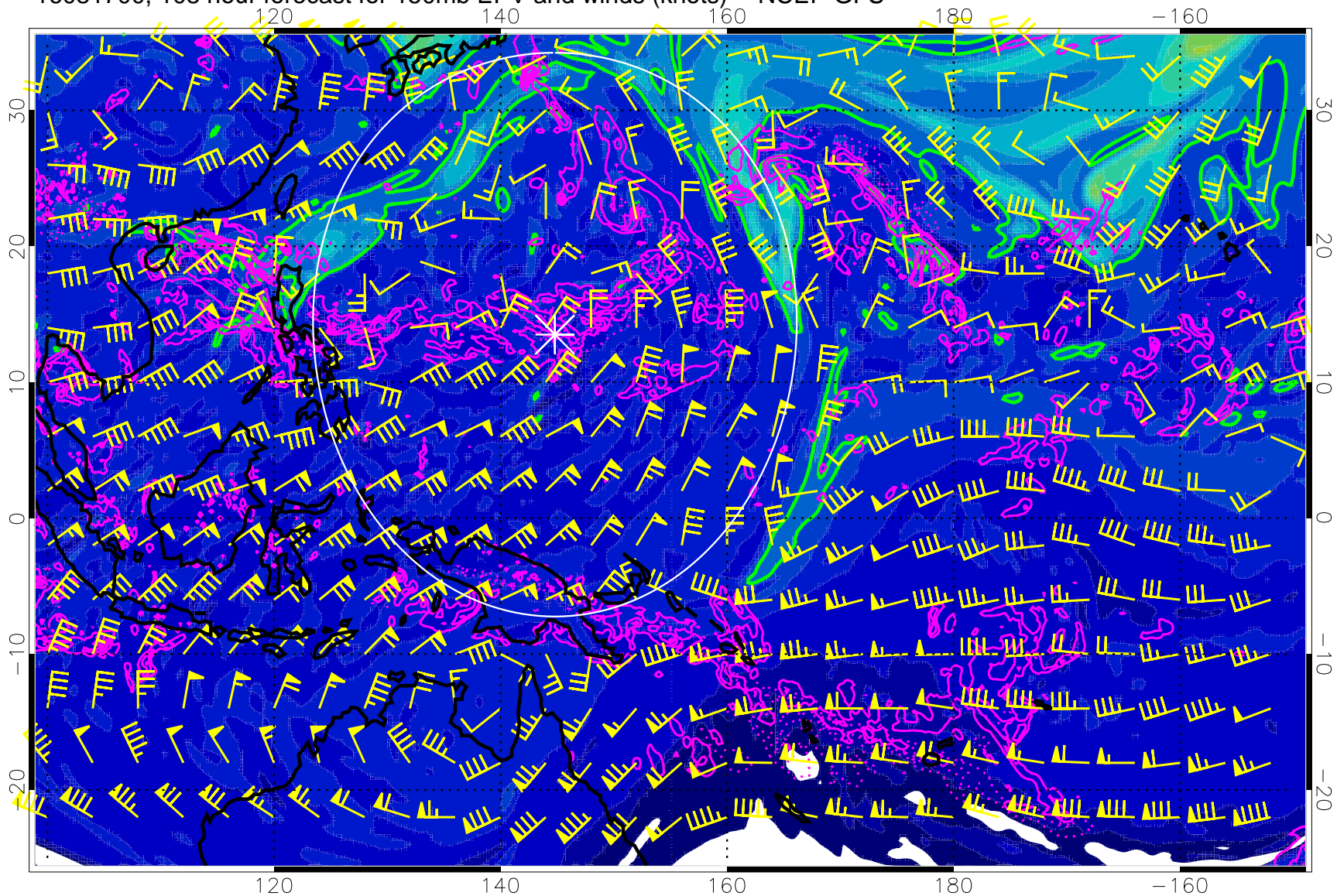
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081700, 108 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



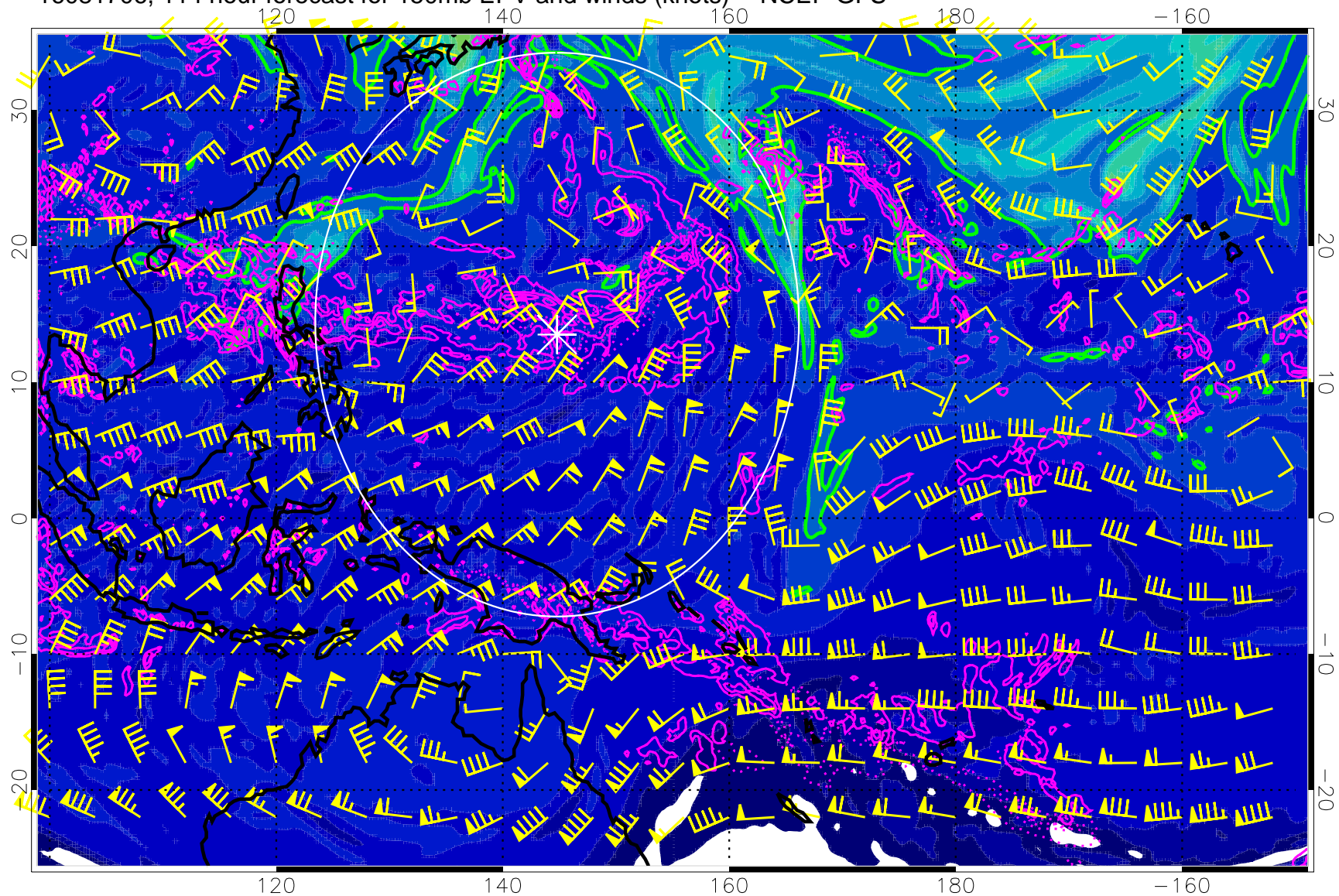
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PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081706, 114 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



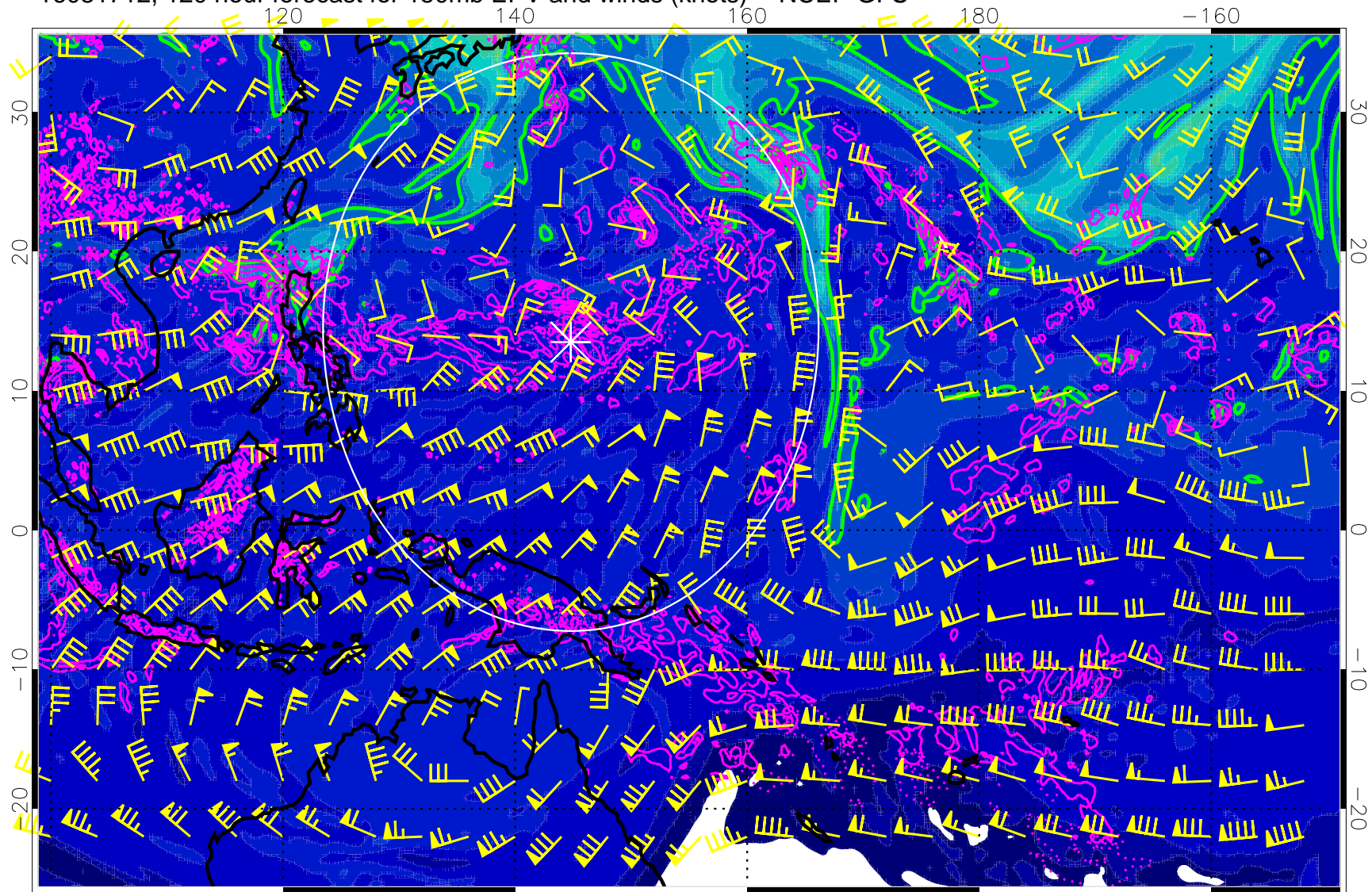
0       $5.0 \times 10^{-6}$        $1.0 \times 10^{-5}$        $1.5 \times 10^{-5}$   
PVU

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km

16081712, 120 hour forecast for 150mb EPV and winds (knots) -- NCEP GFS



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

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

EPV Tropopause (2 PVU) Position

Range ring of 2304 km