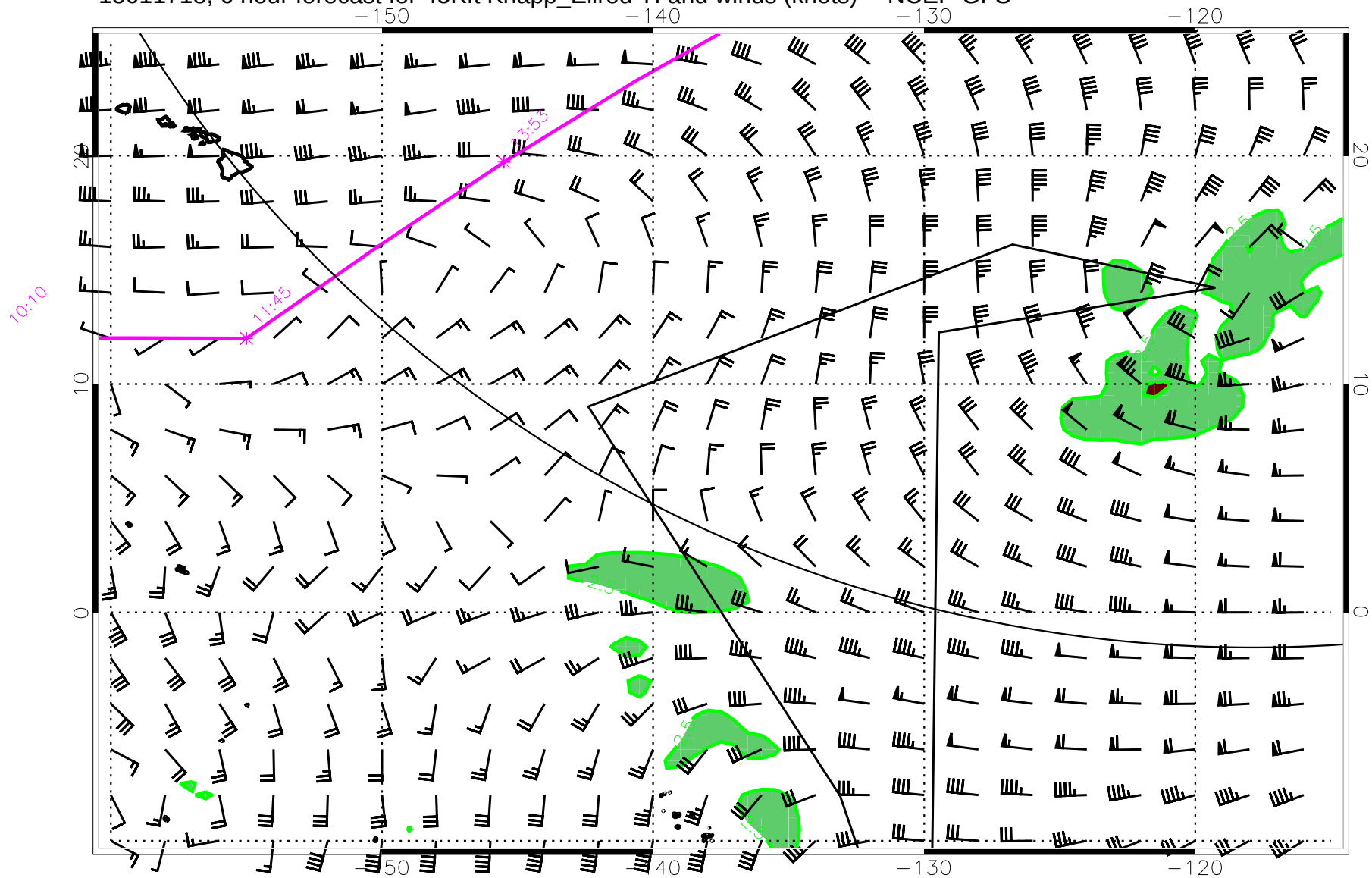
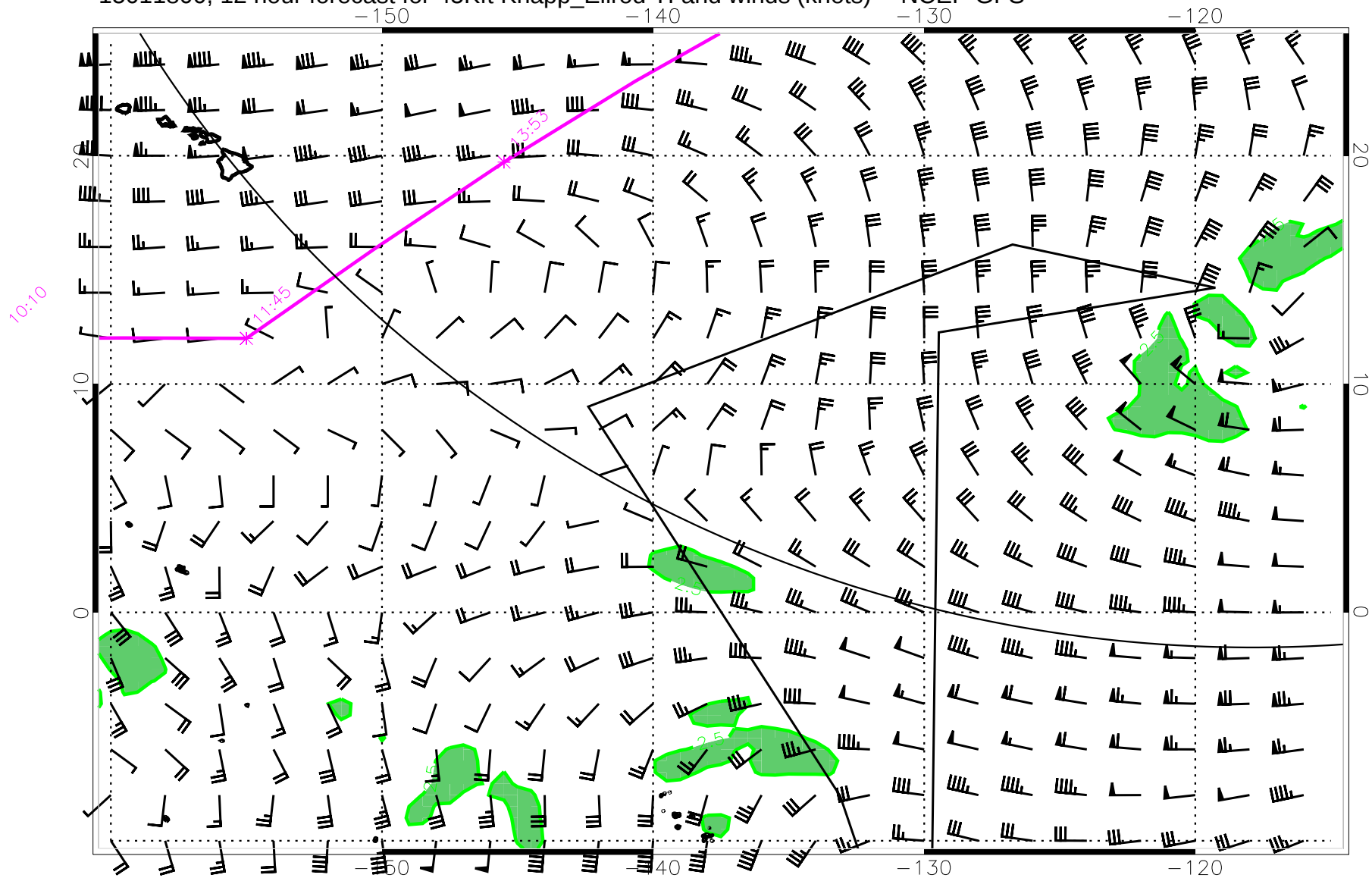


15011718, 6 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



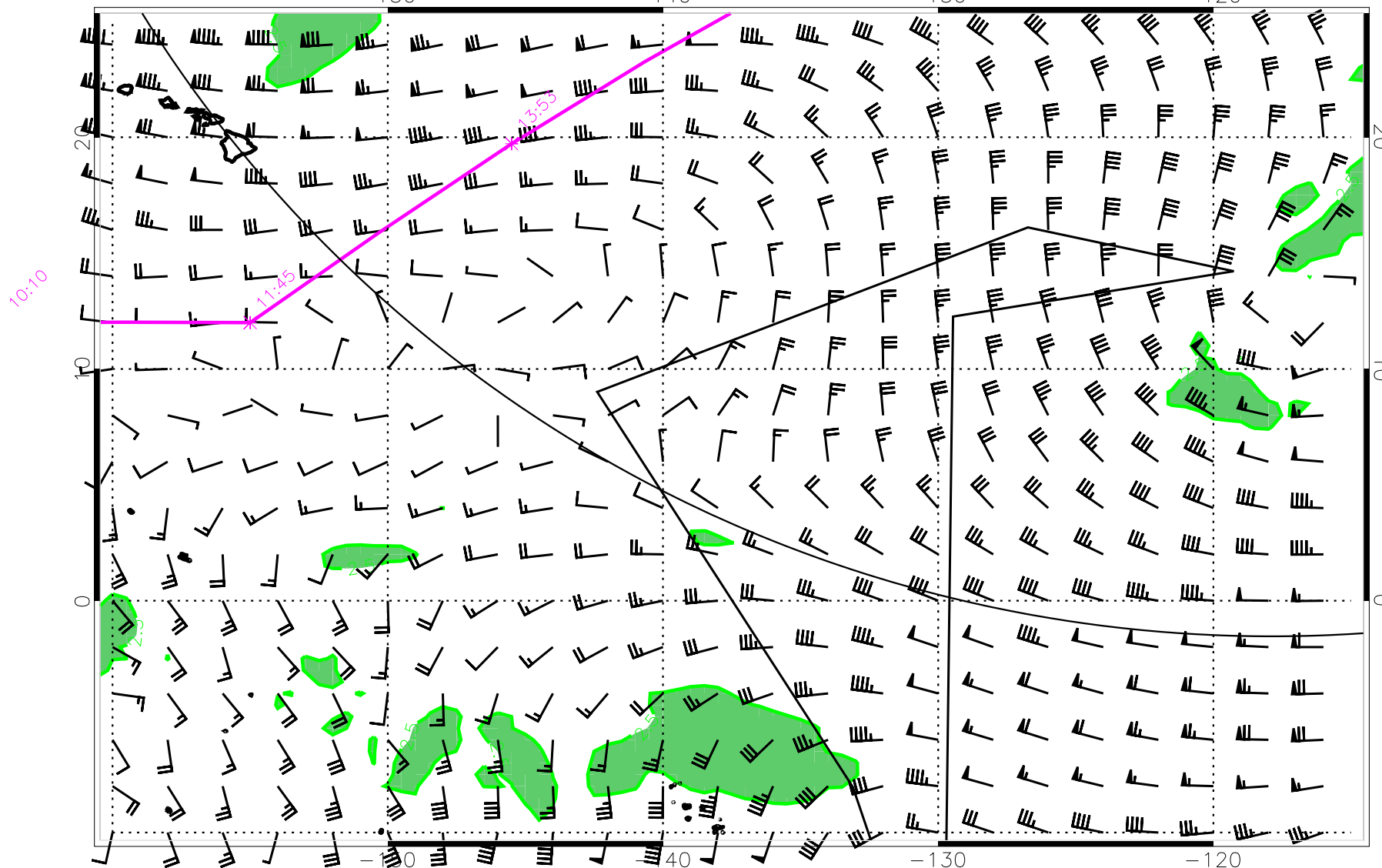
Turb value = 7 Turb value = 2.5

15011800, 12 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



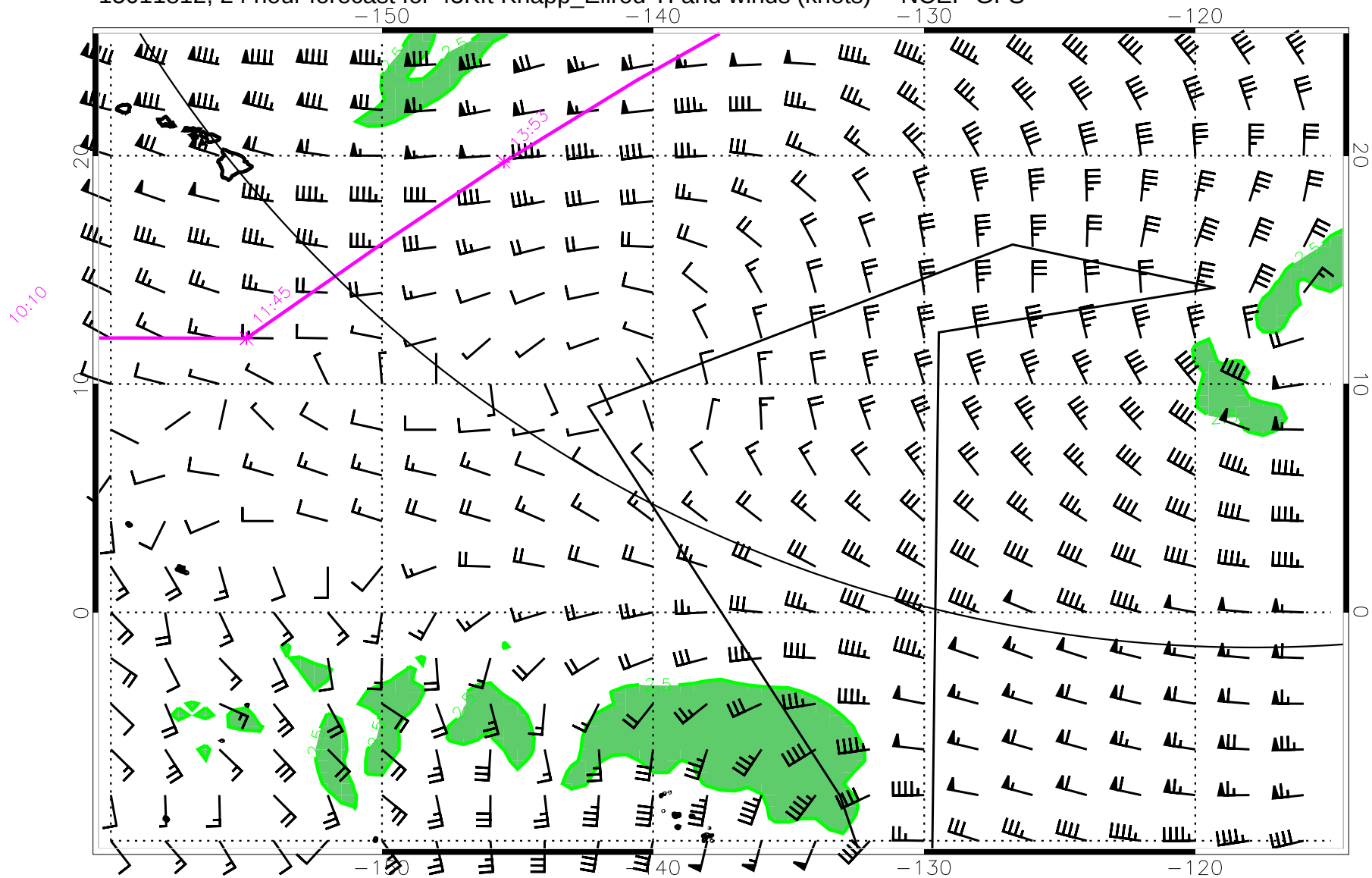
Turb value = 7 Turb value = 2.5

15011806, 18 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



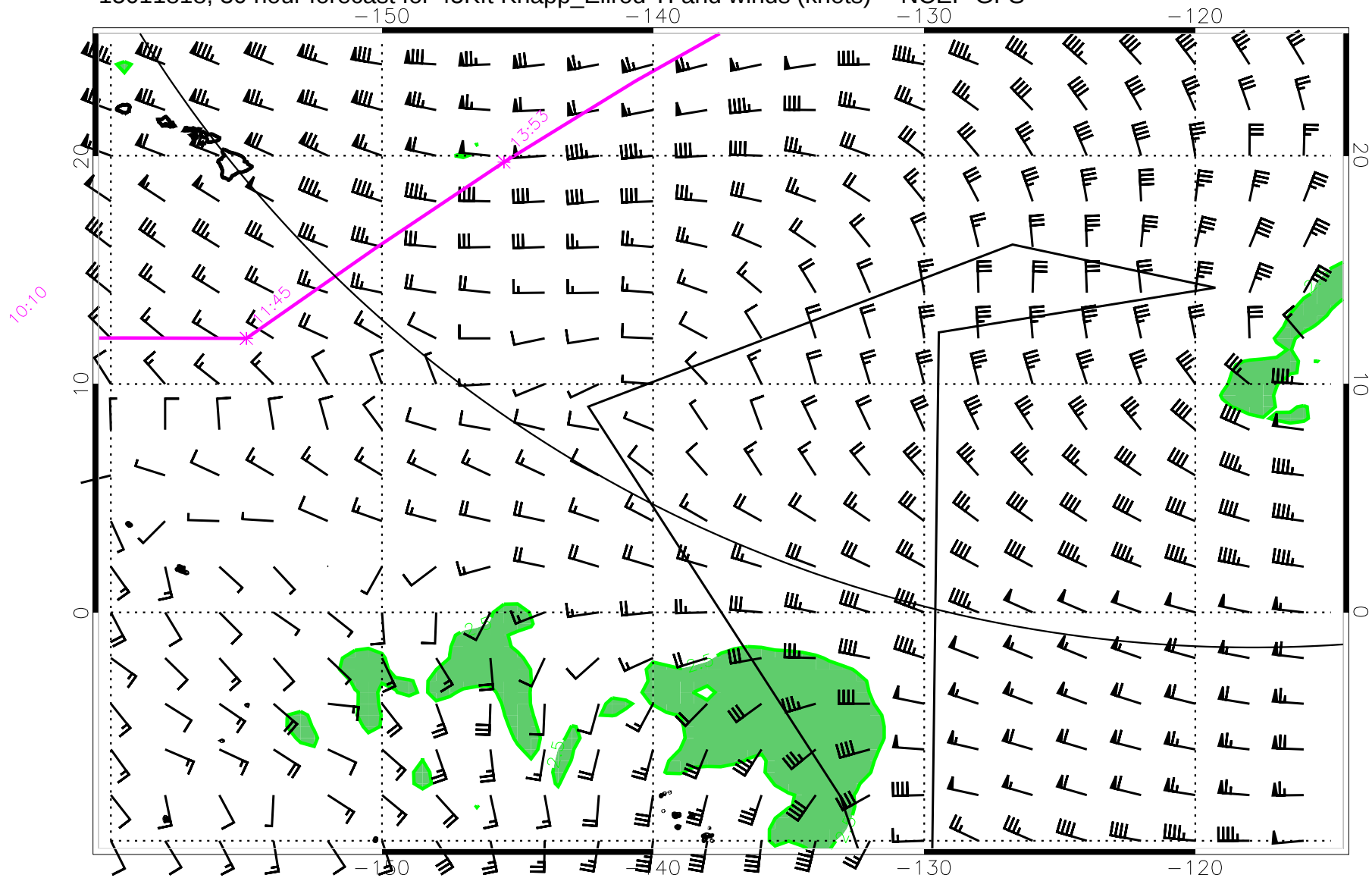
Turb value = 7    Turb value = 2.5

15011812, 24 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



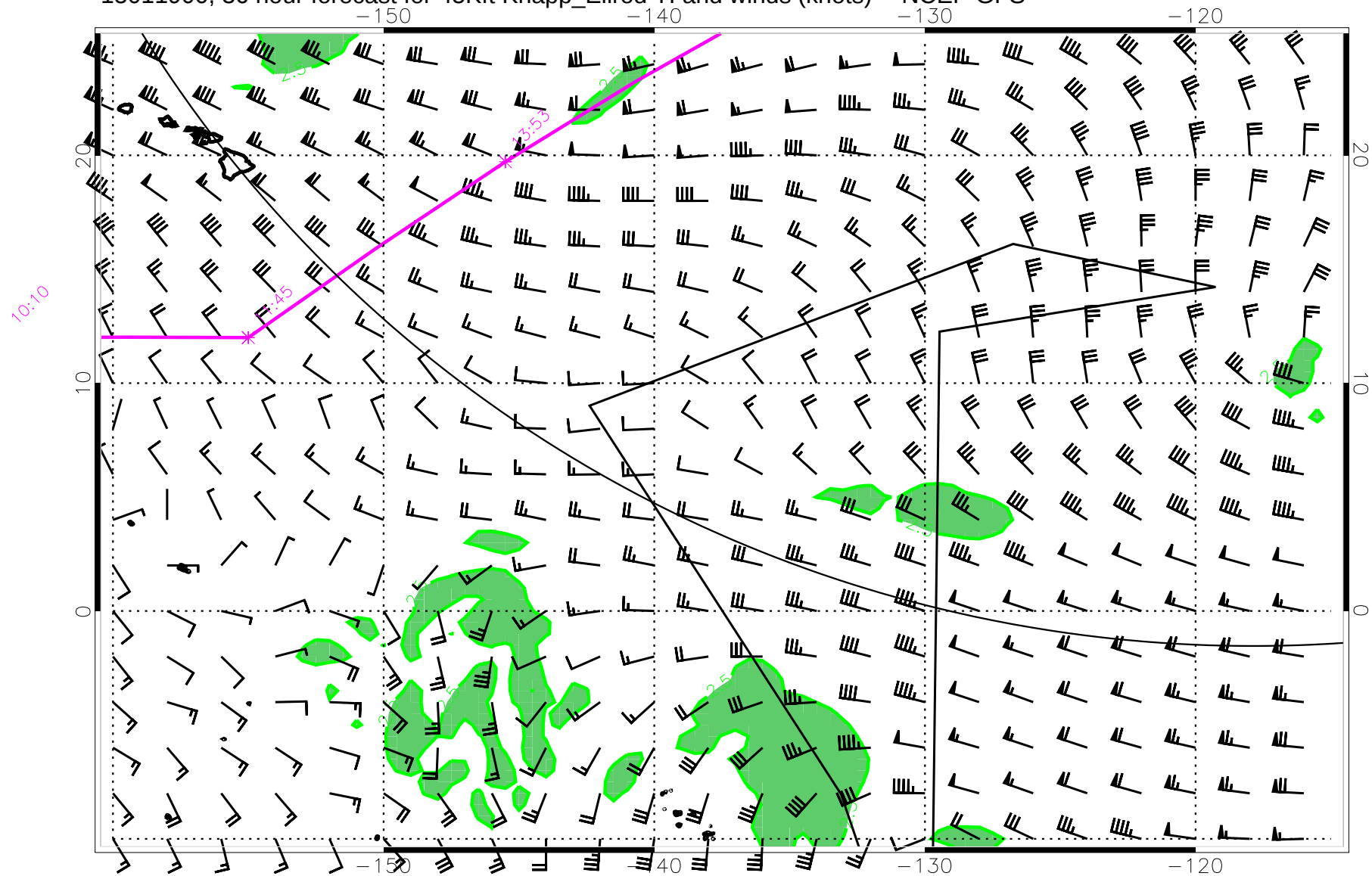
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15011818, 30 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



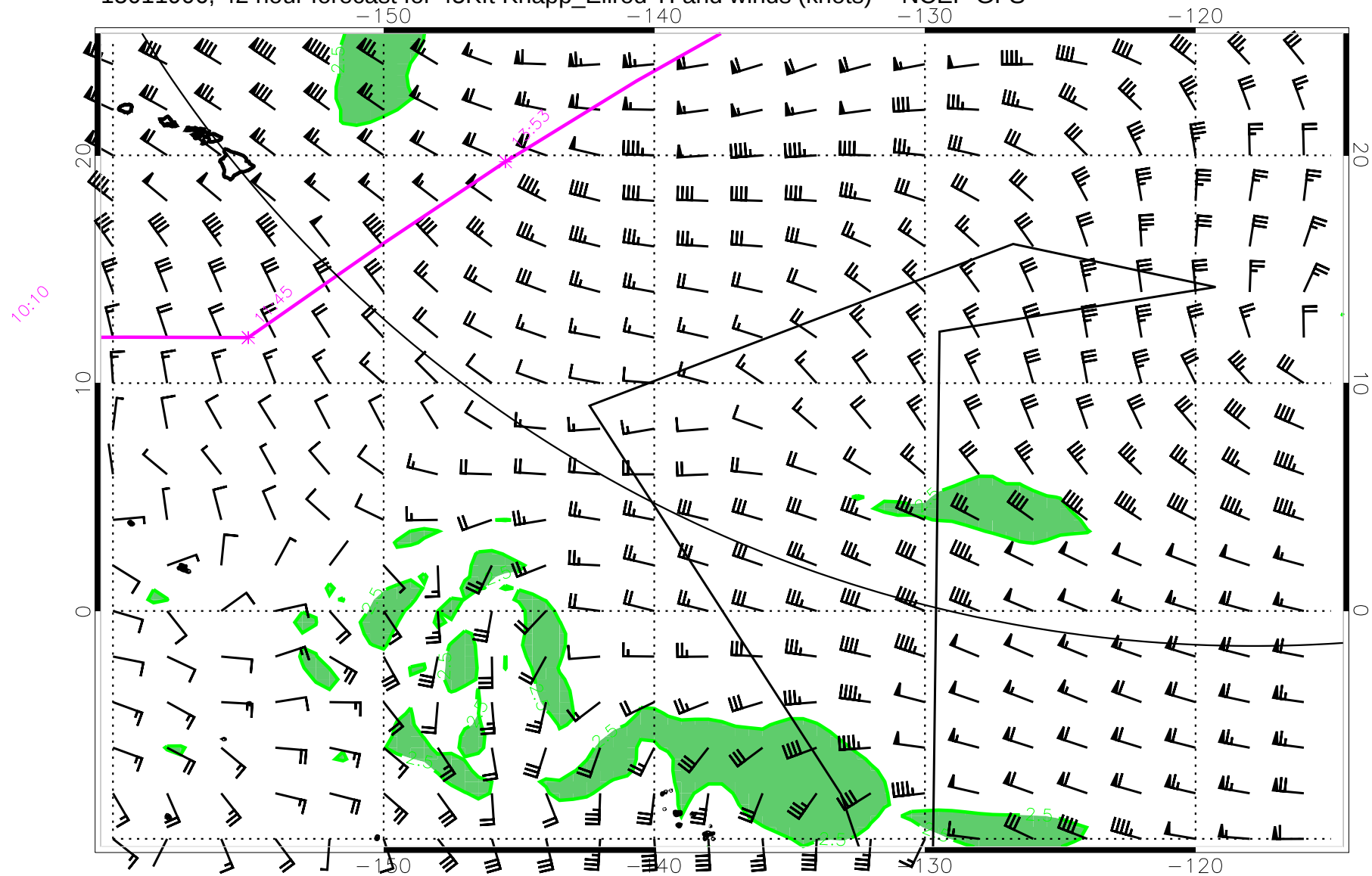
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15011900, 36 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



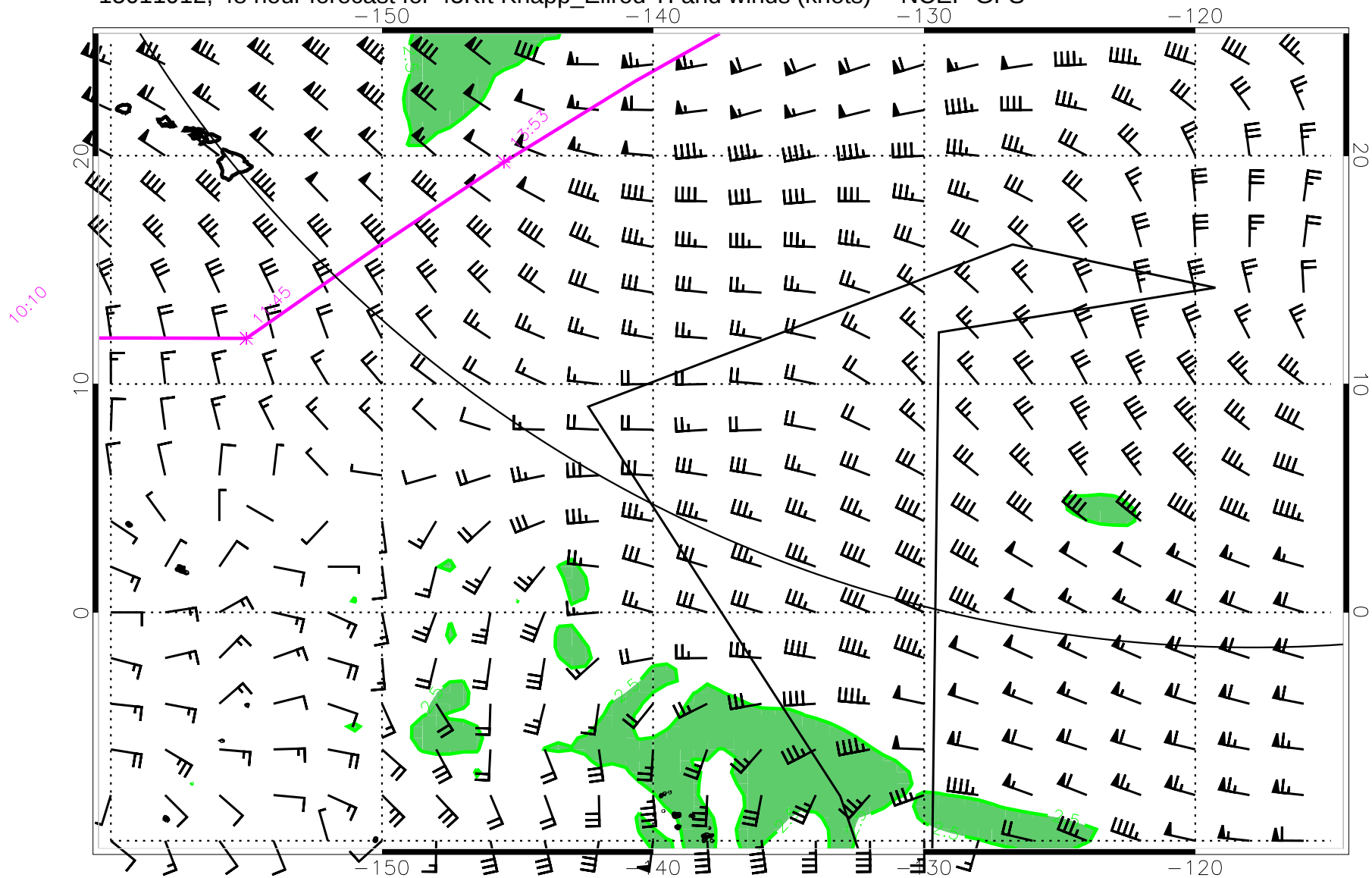
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15011906, 42 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



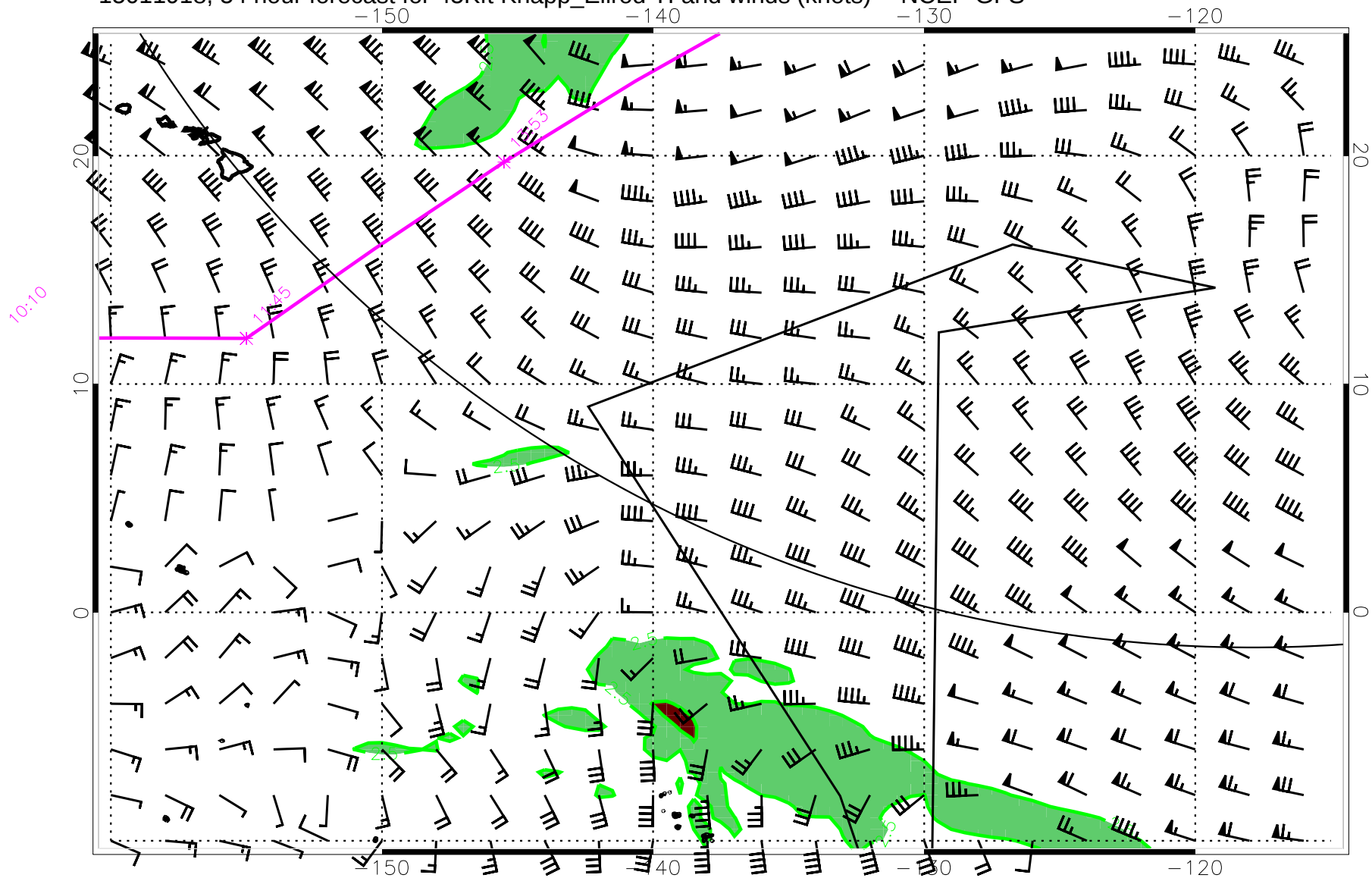
Turb value = 7 Turb value = 2.5

15011912, 48 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



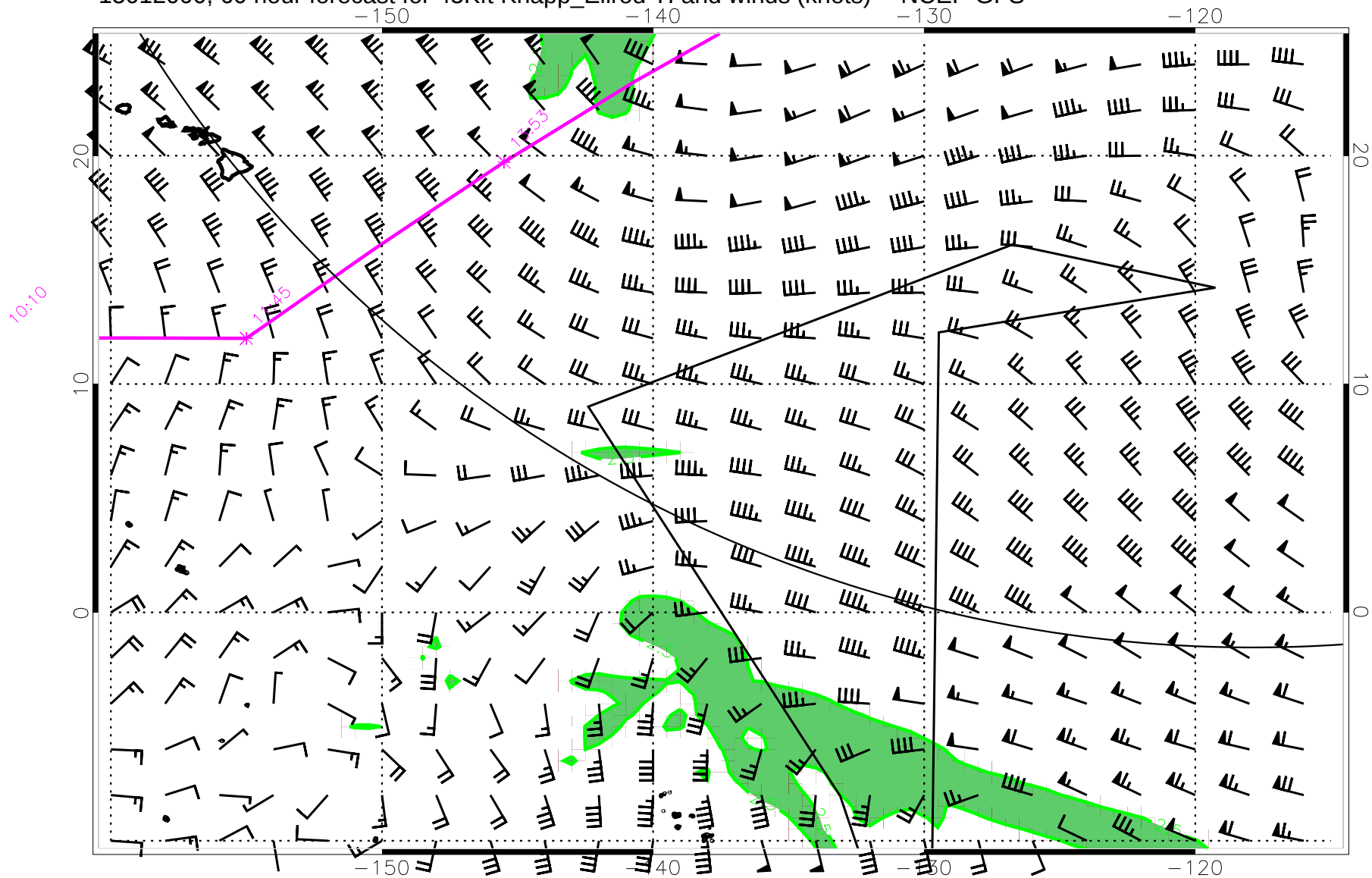
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15011918, 54 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



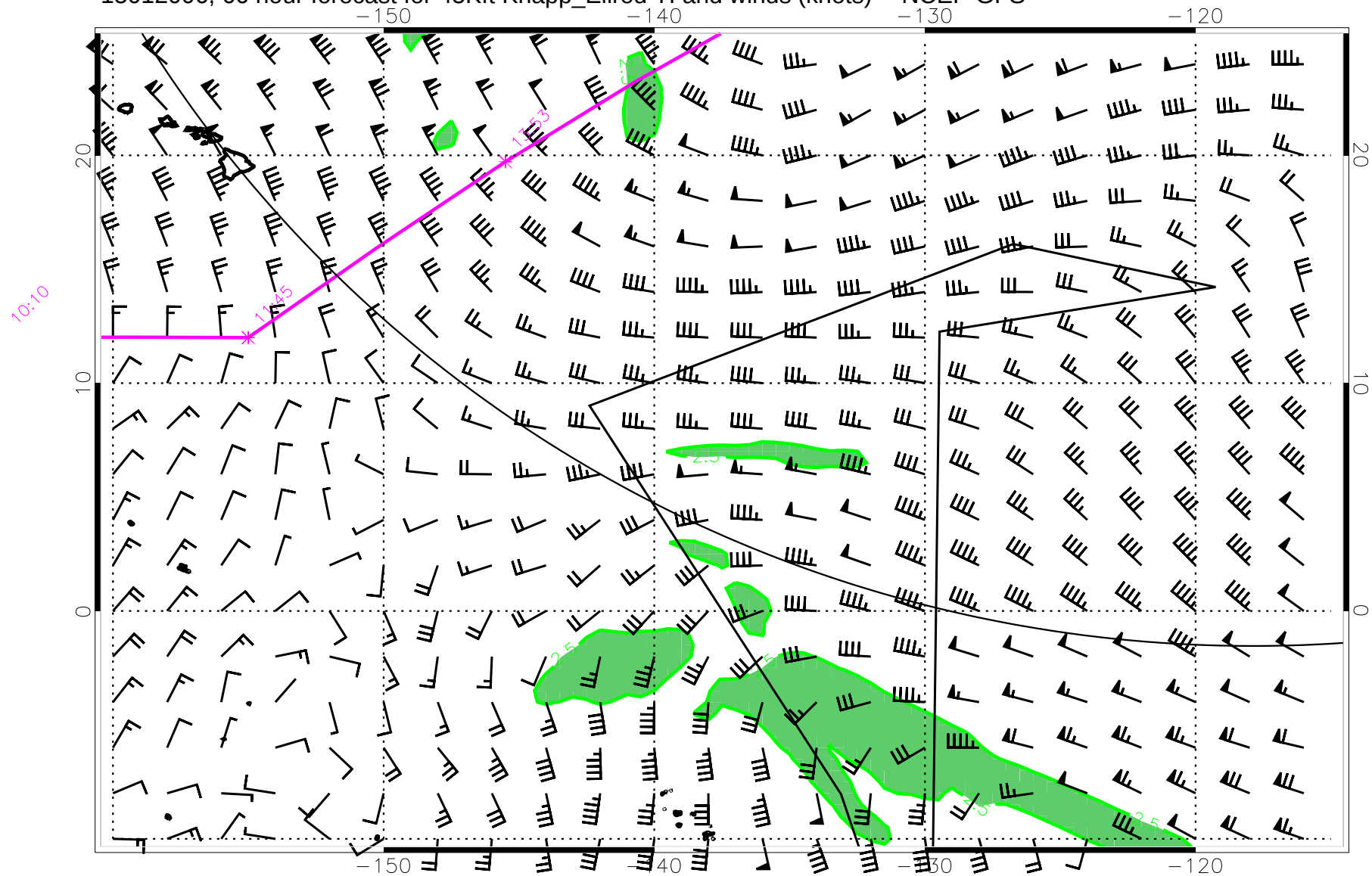
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15012000, 60 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



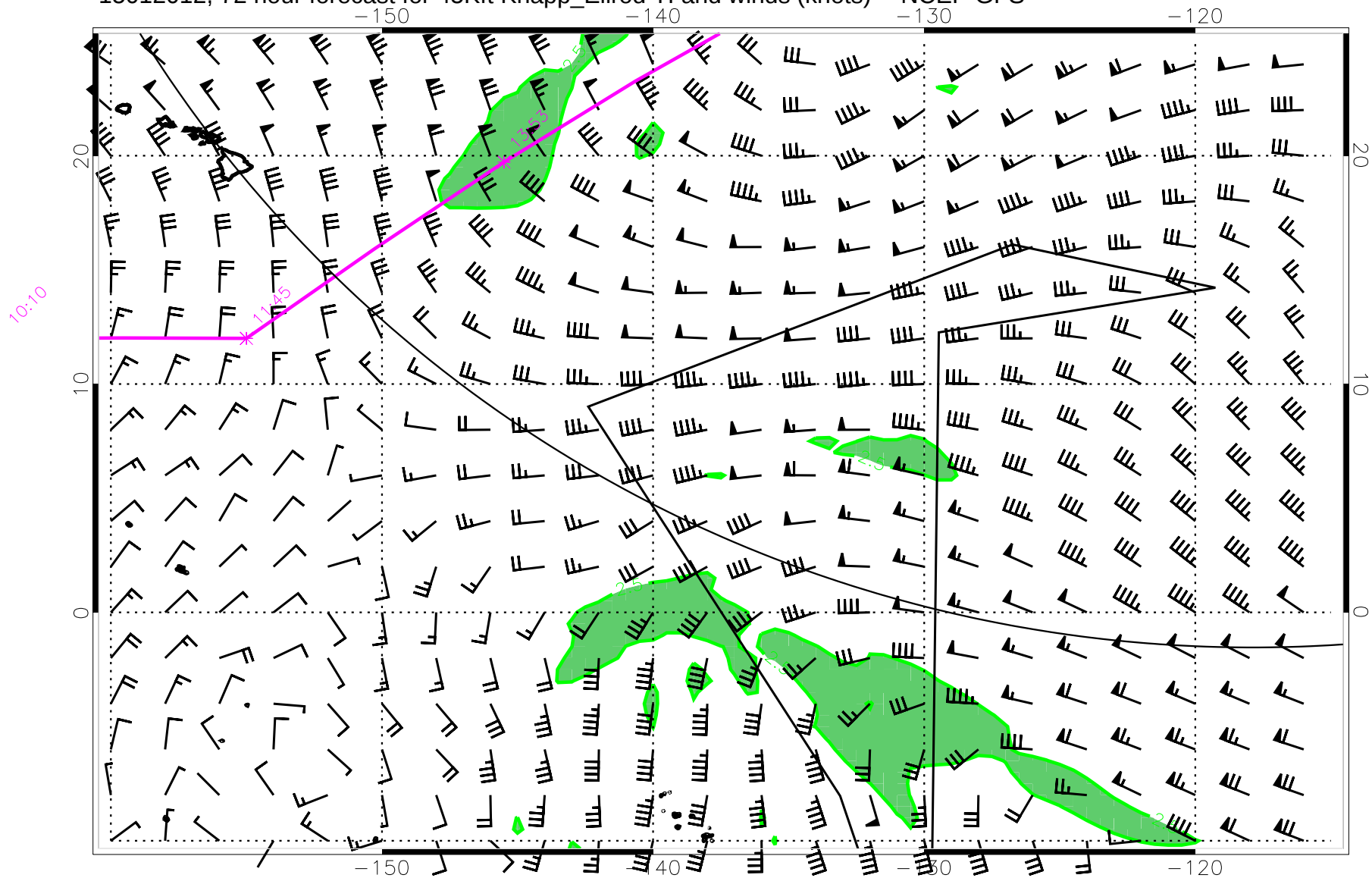
Turb value = 7 Turb value = 2.5

15012006, 66 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5

15012012, 72 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5

Figure 1: A vector field plot showing the flow of a dynamical system. The plot is a square grid with a dashed grid. Black arrows represent the vector field. A magenta line with an asterisk at (11.45, 11.45) represents a trajectory. Green shaded regions represent the domain of attraction for a fixed point. The axes are labeled from -150 to -120.

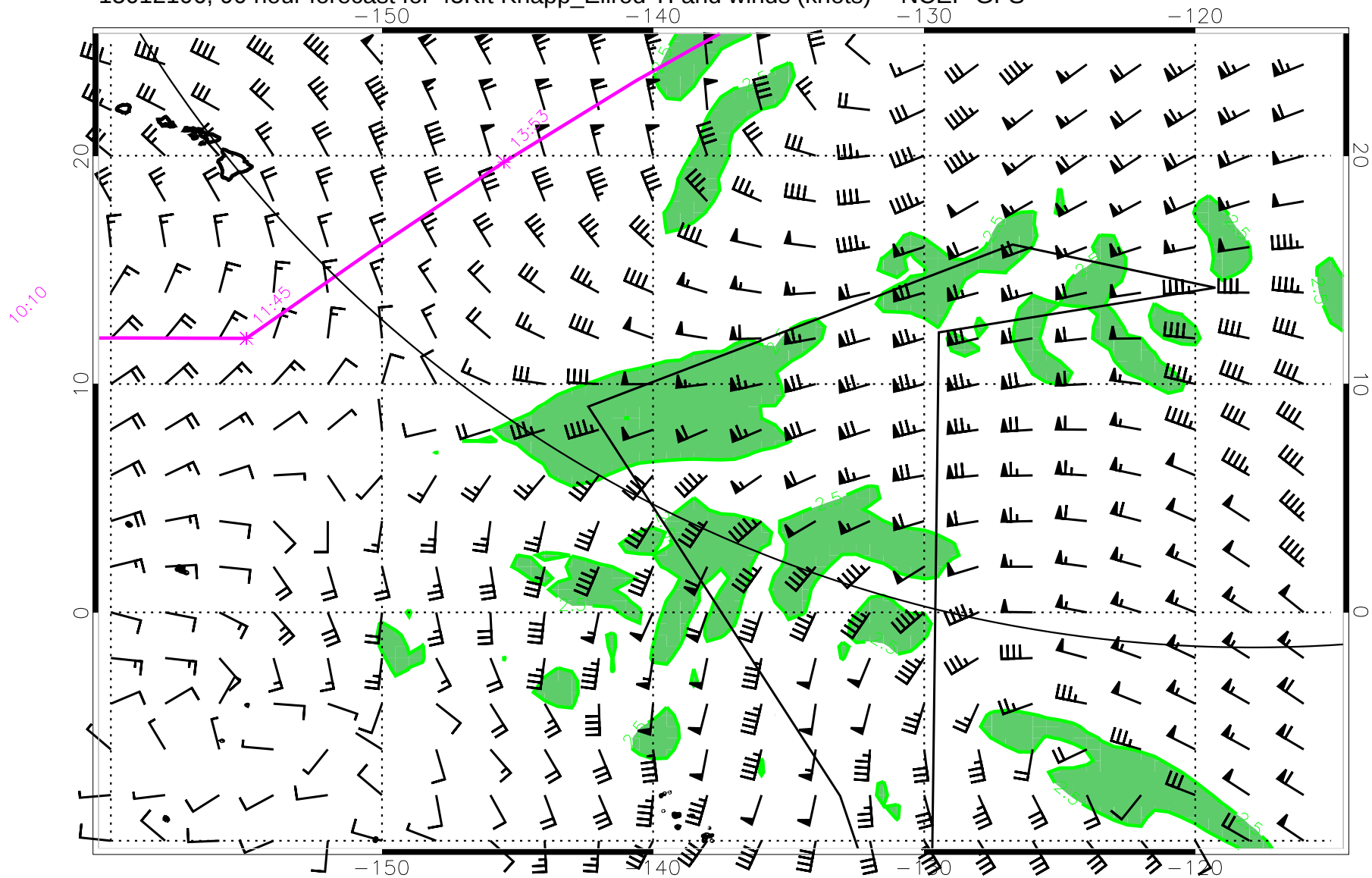
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15012100, 84 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



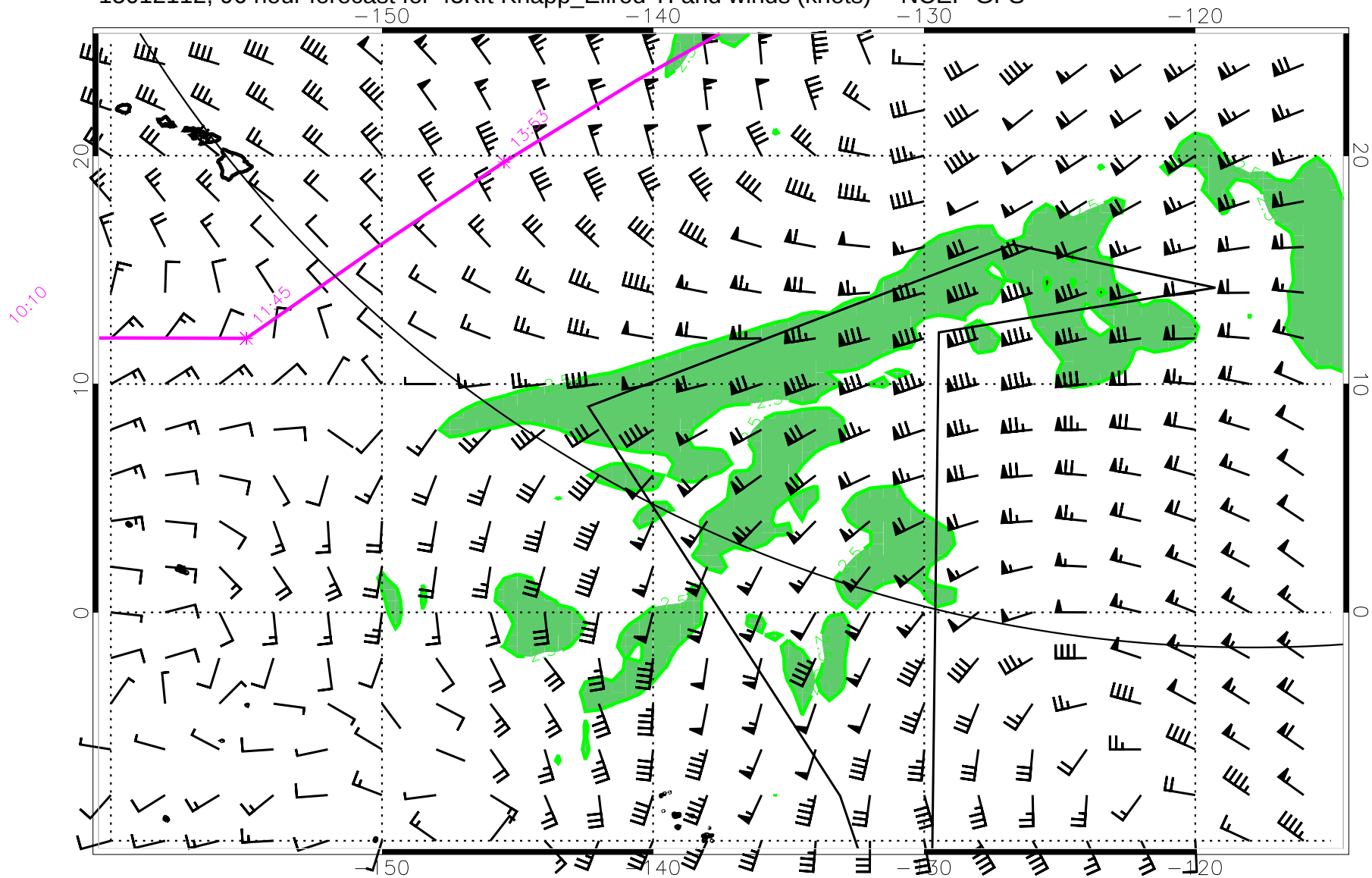
Turb value = 7   Turb value = 2.5

15012106, 90 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



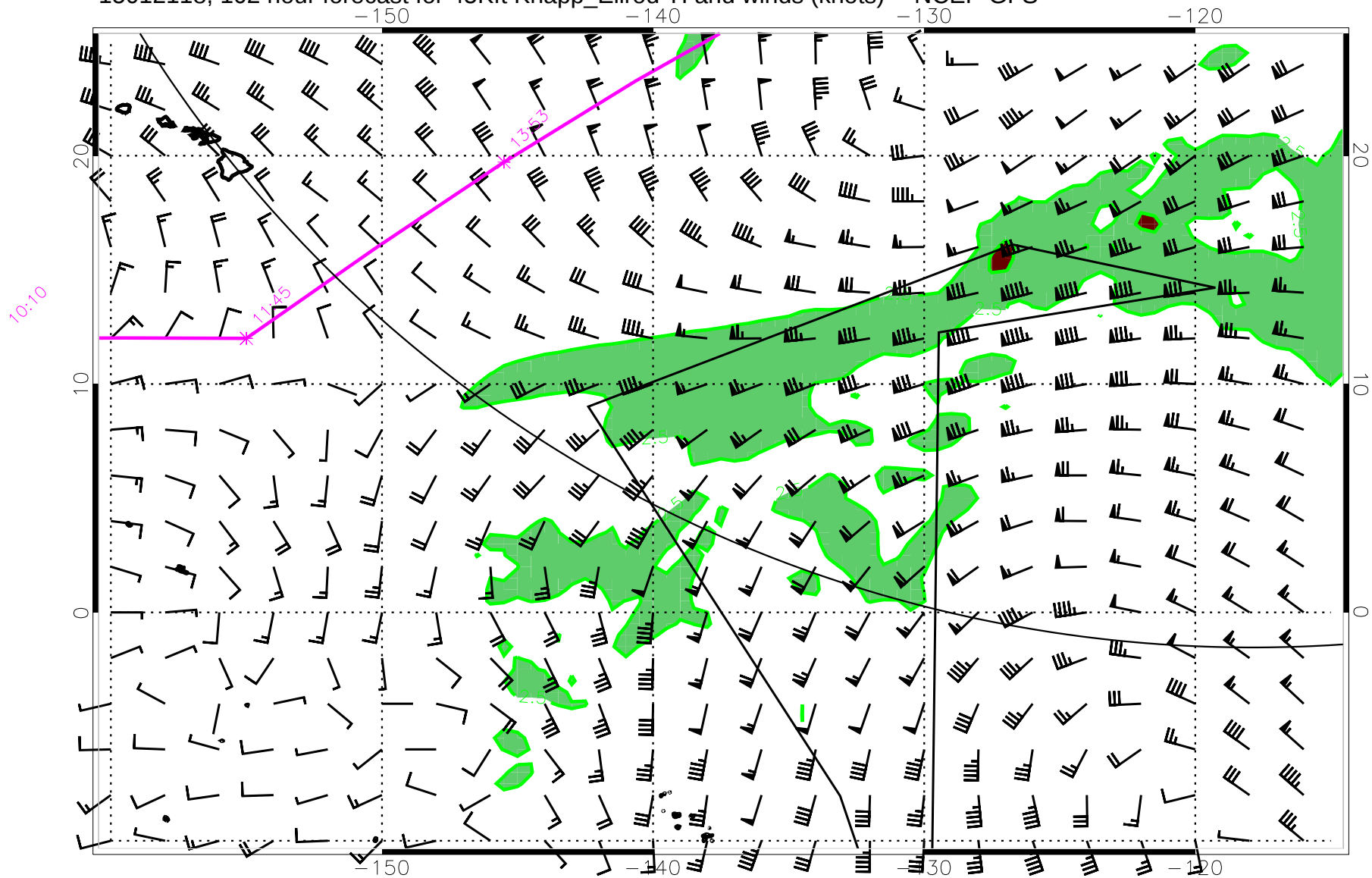
Turb value = 7   Turb value = 2.5

15012112, 96 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



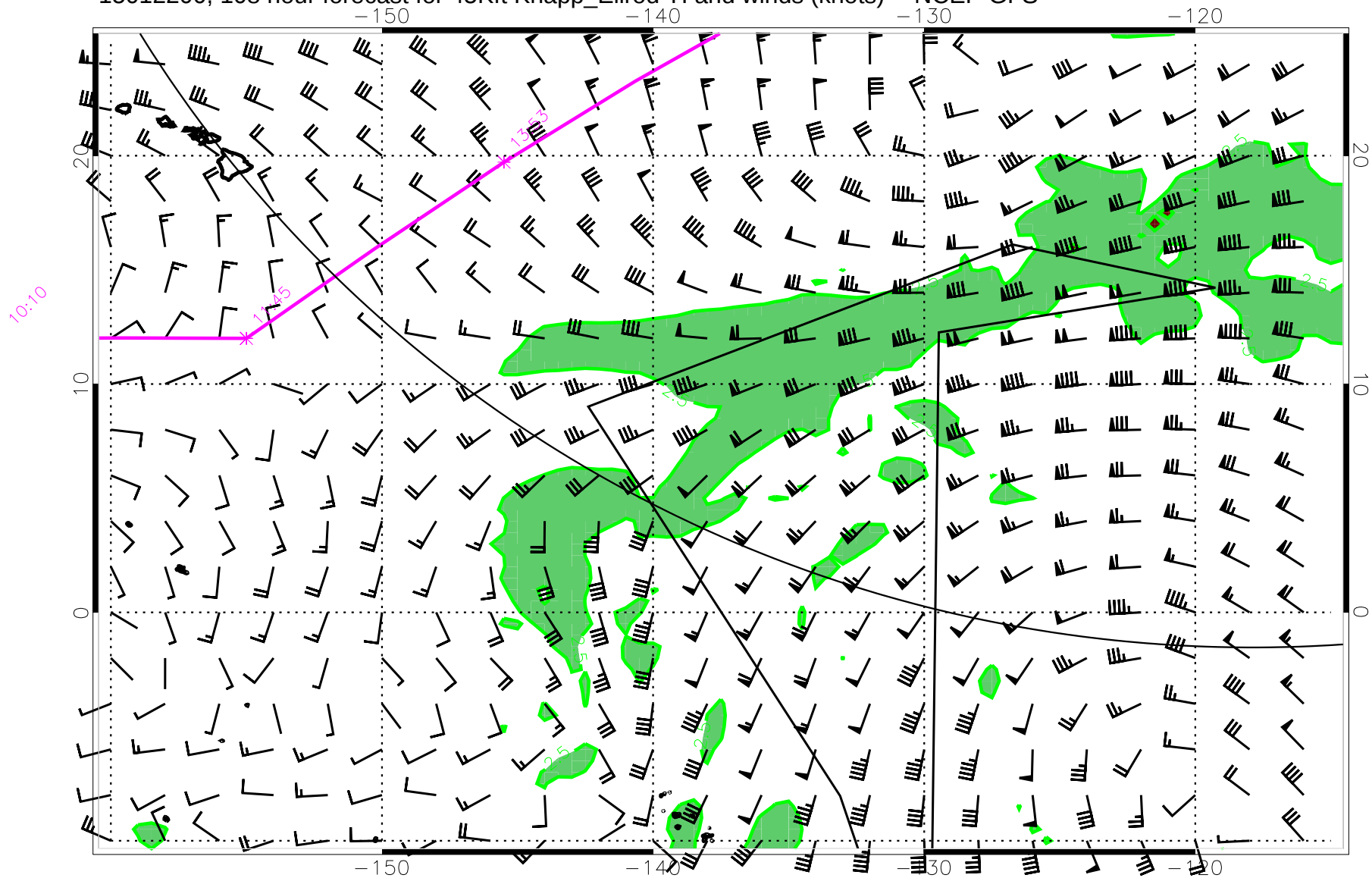
Turb value = 7   Turb value = 2.5

15012118, 102 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5

15012200, 108 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



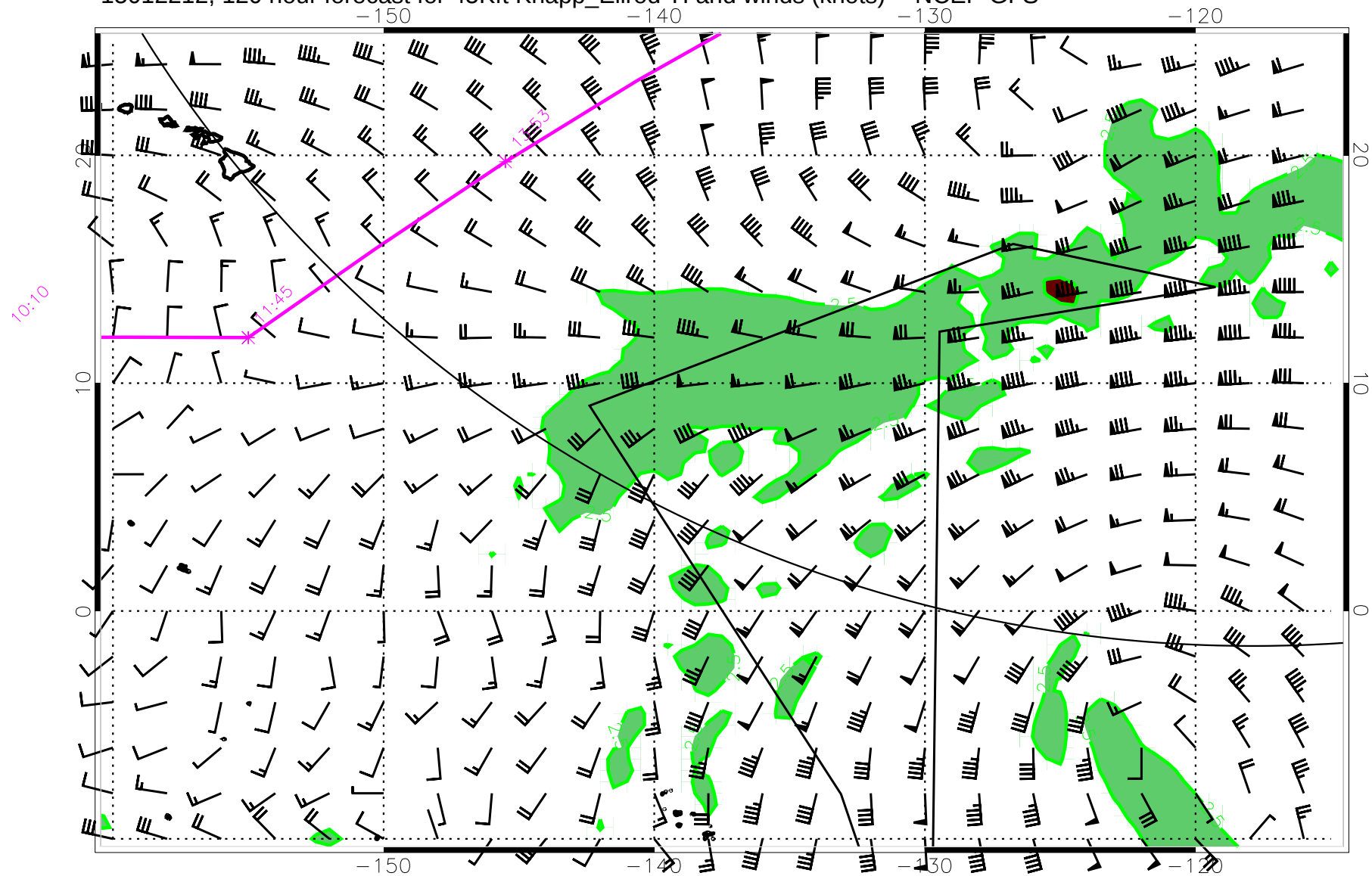
Turb value = 7 Turb value = 2.5

–150                      –140                      –130                      –120



Turb value = 7    Turb value = 2.5

15012212, 120 hour forecast for 45Kft Knapp\_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5