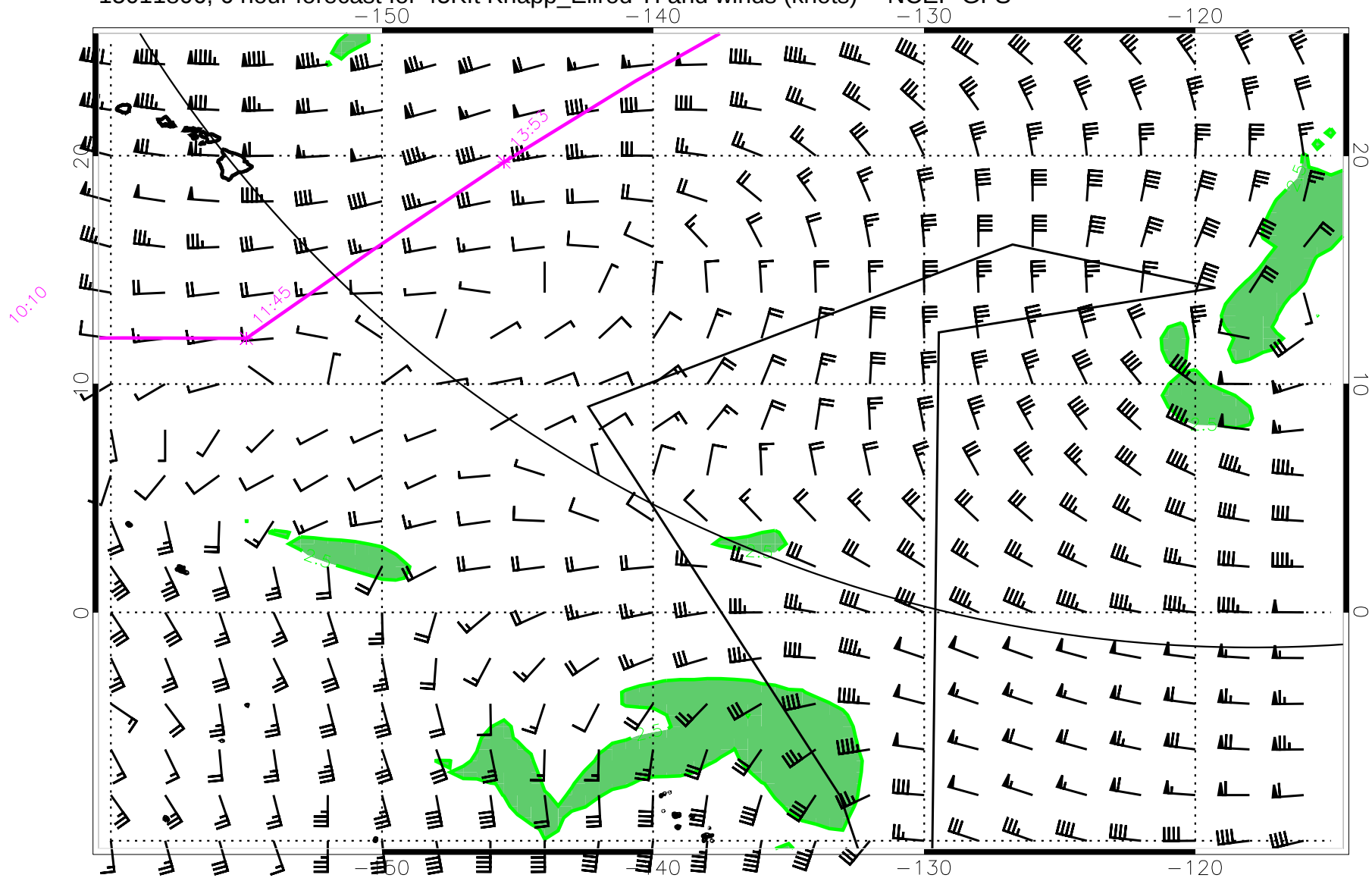
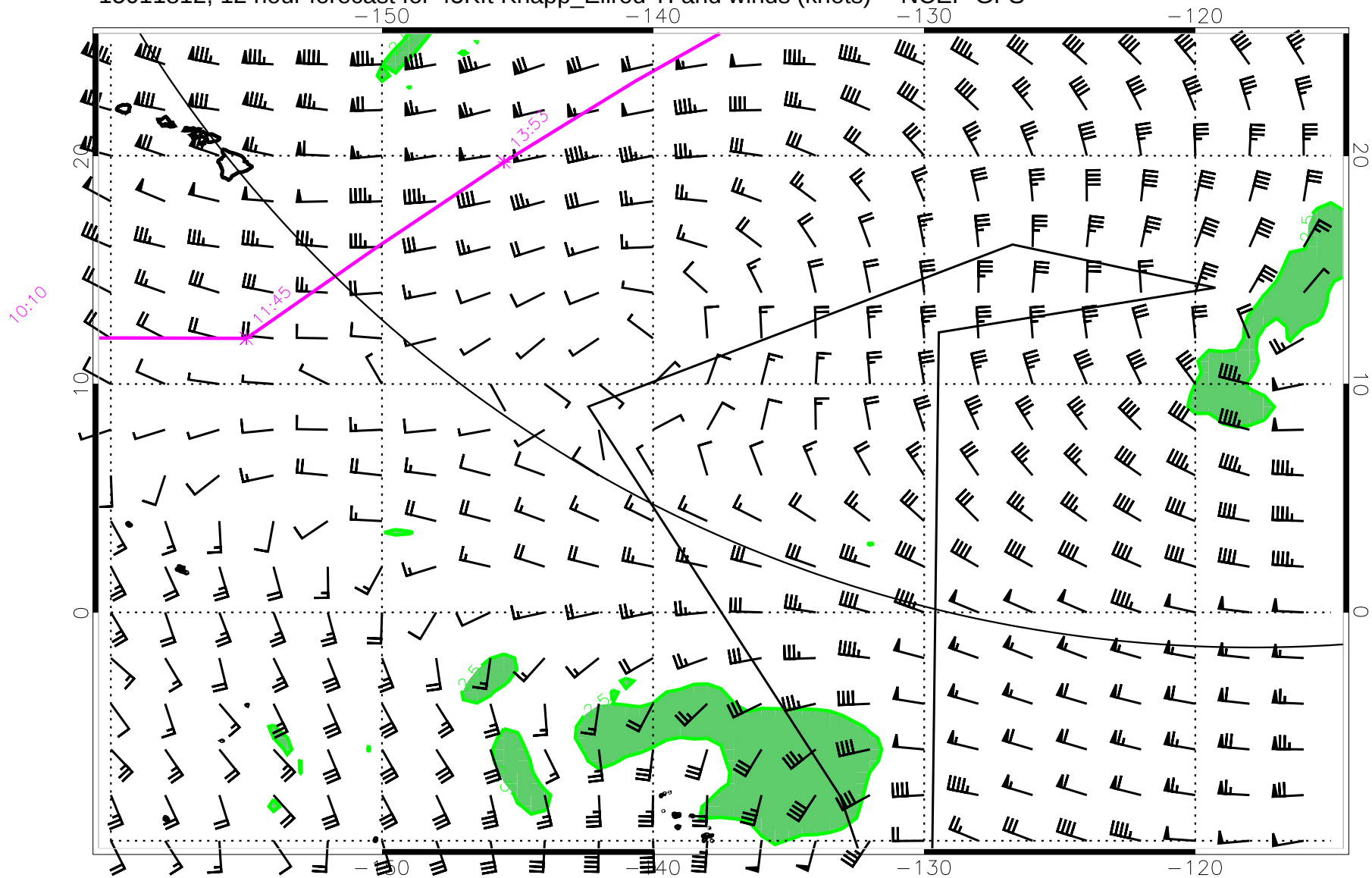


15011806, 6 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



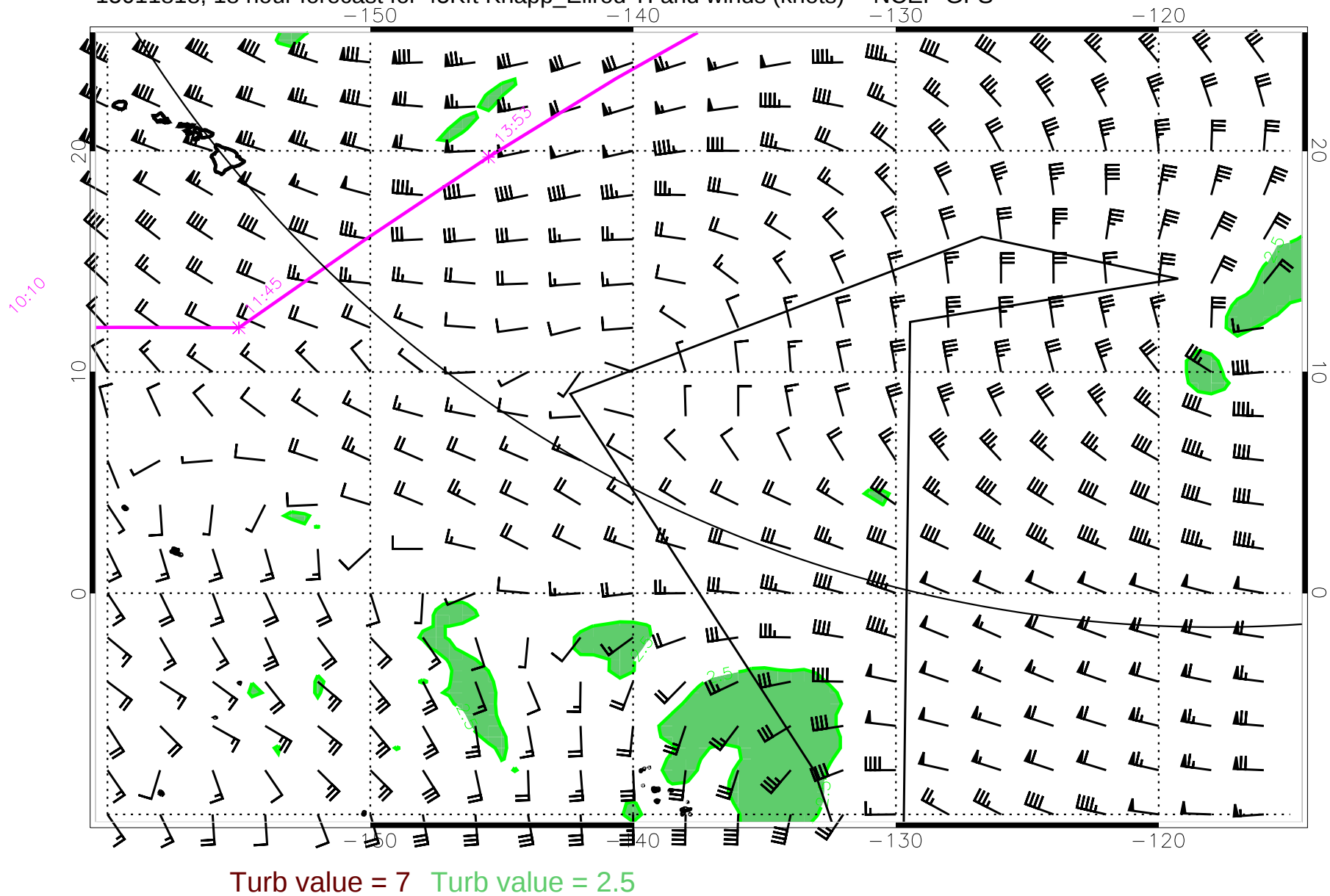
Turb value = 7 Turb value = 2.5

15011812, 12 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

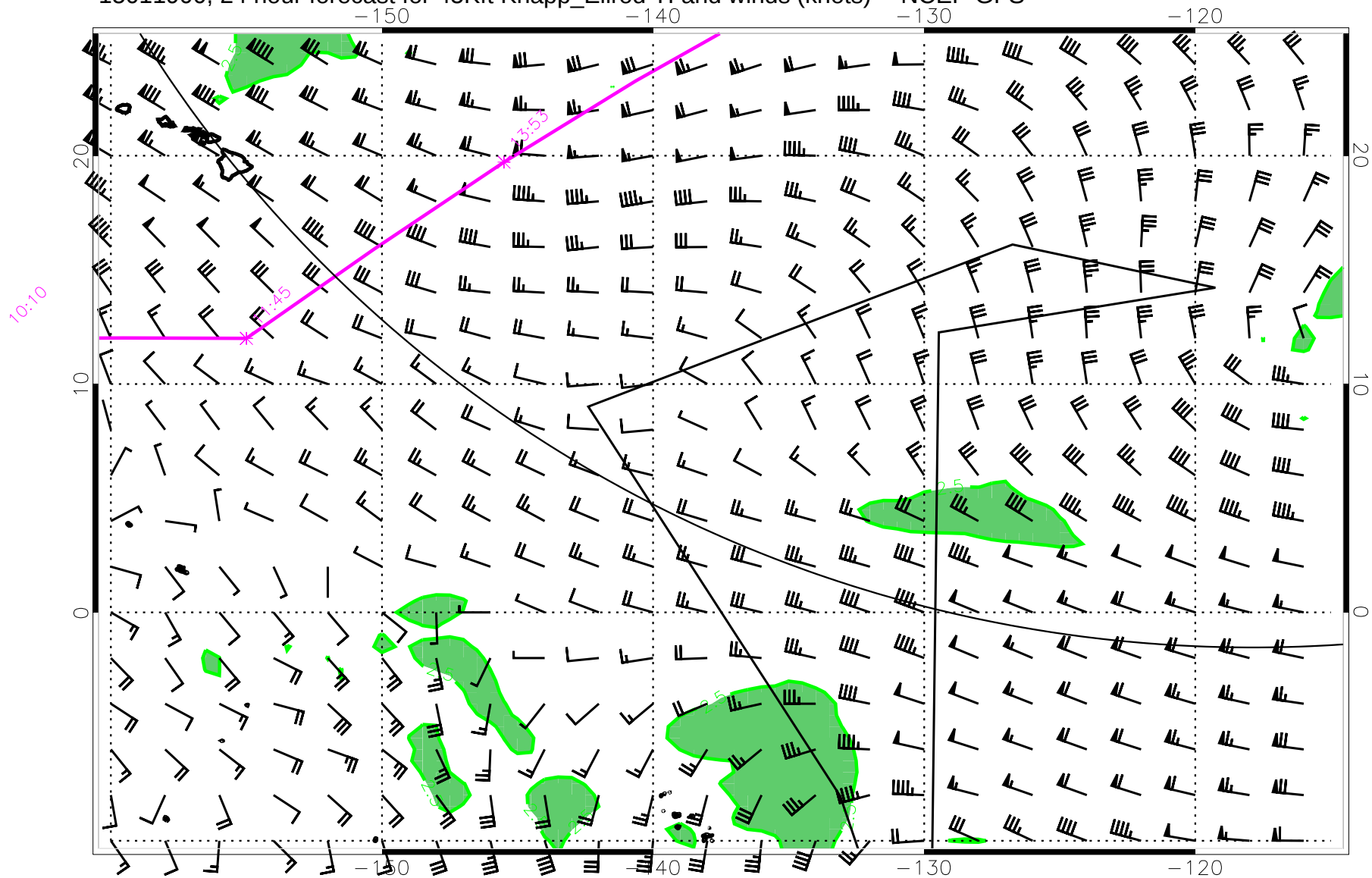


Turb value = 7 Turb value = 2.5

15011818, 18 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

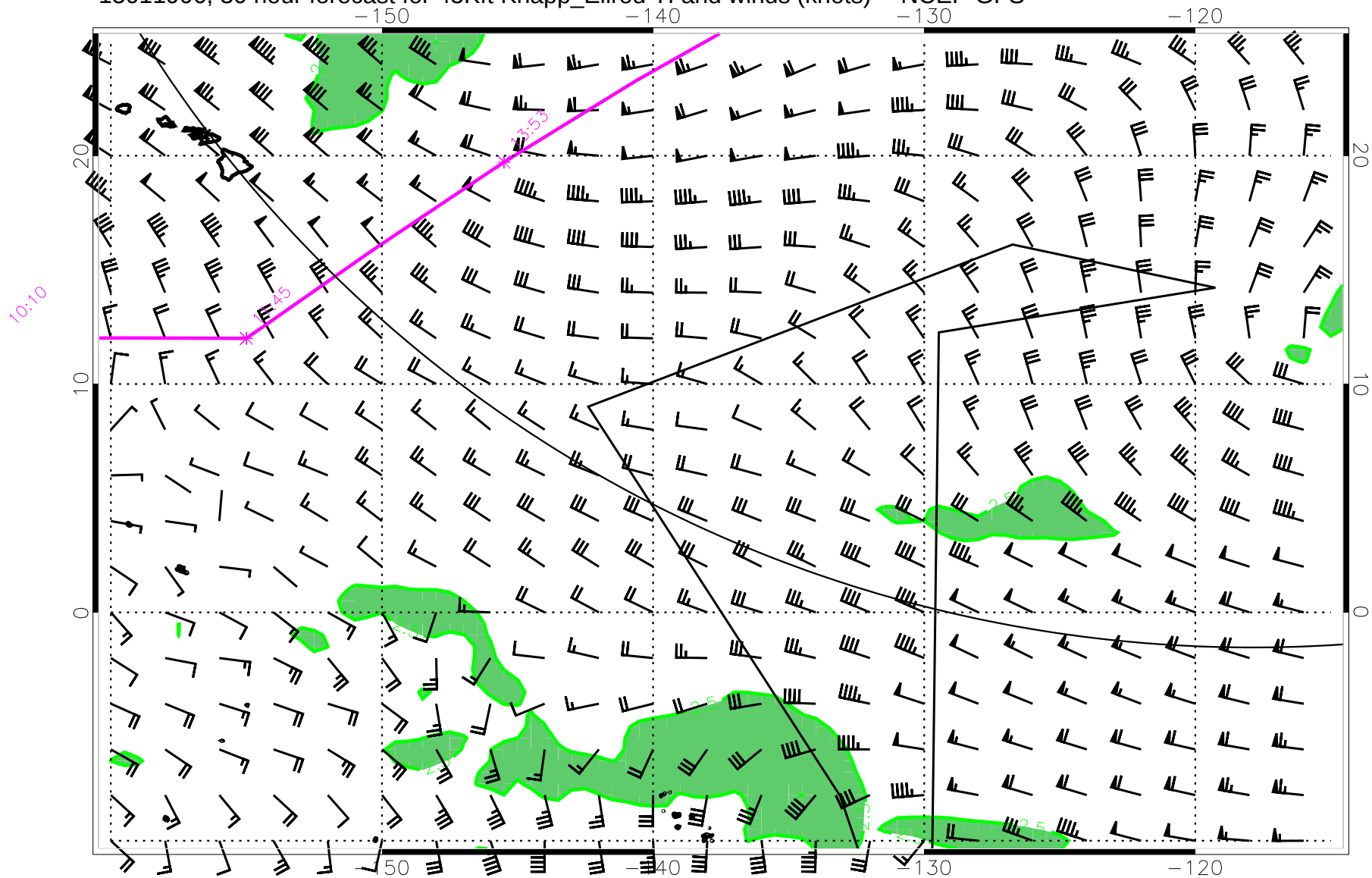


15011900, 24 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



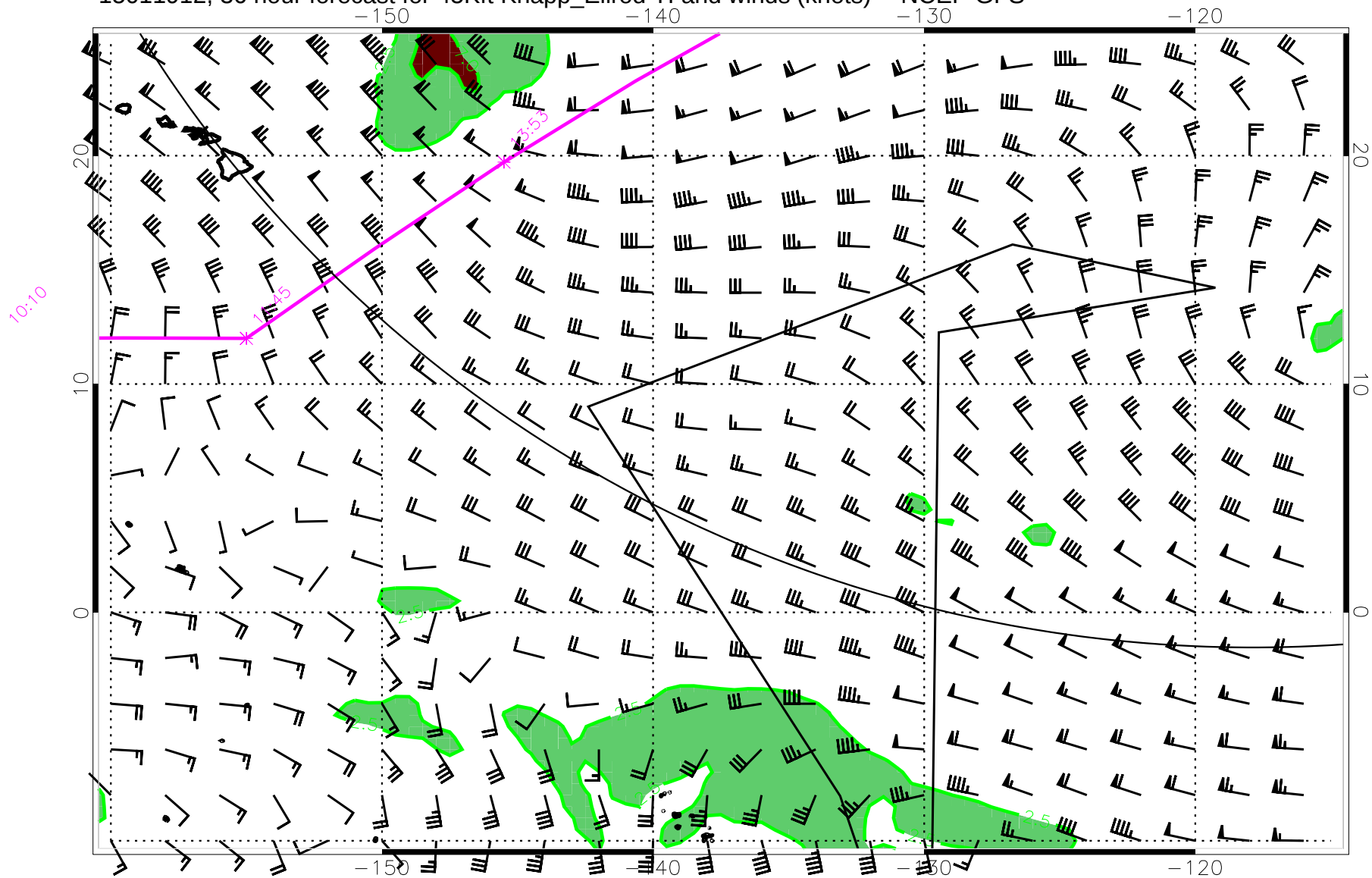
Turb value = 7 Turb value = 2.5

15011906, 30 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



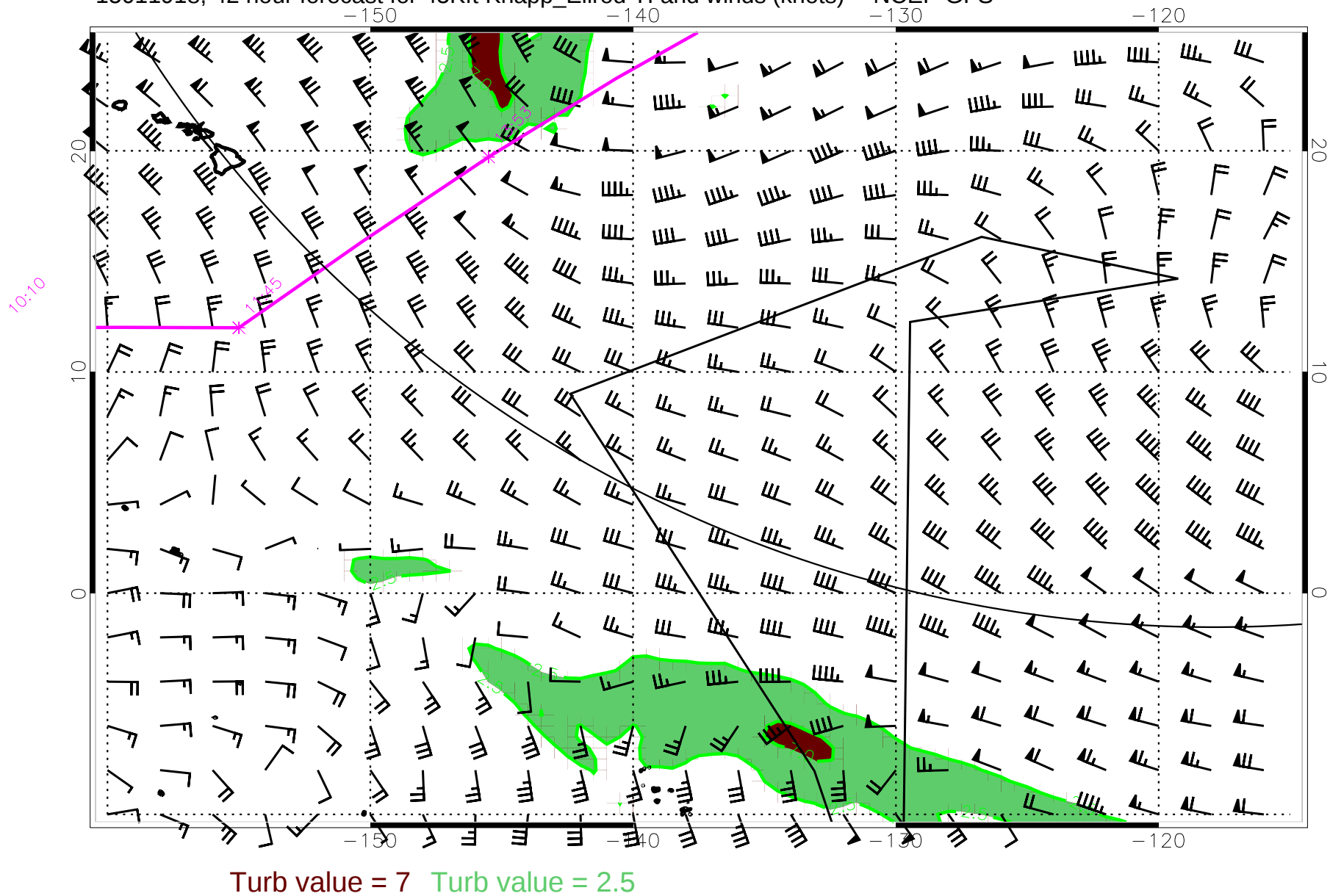
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15011912, 36 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

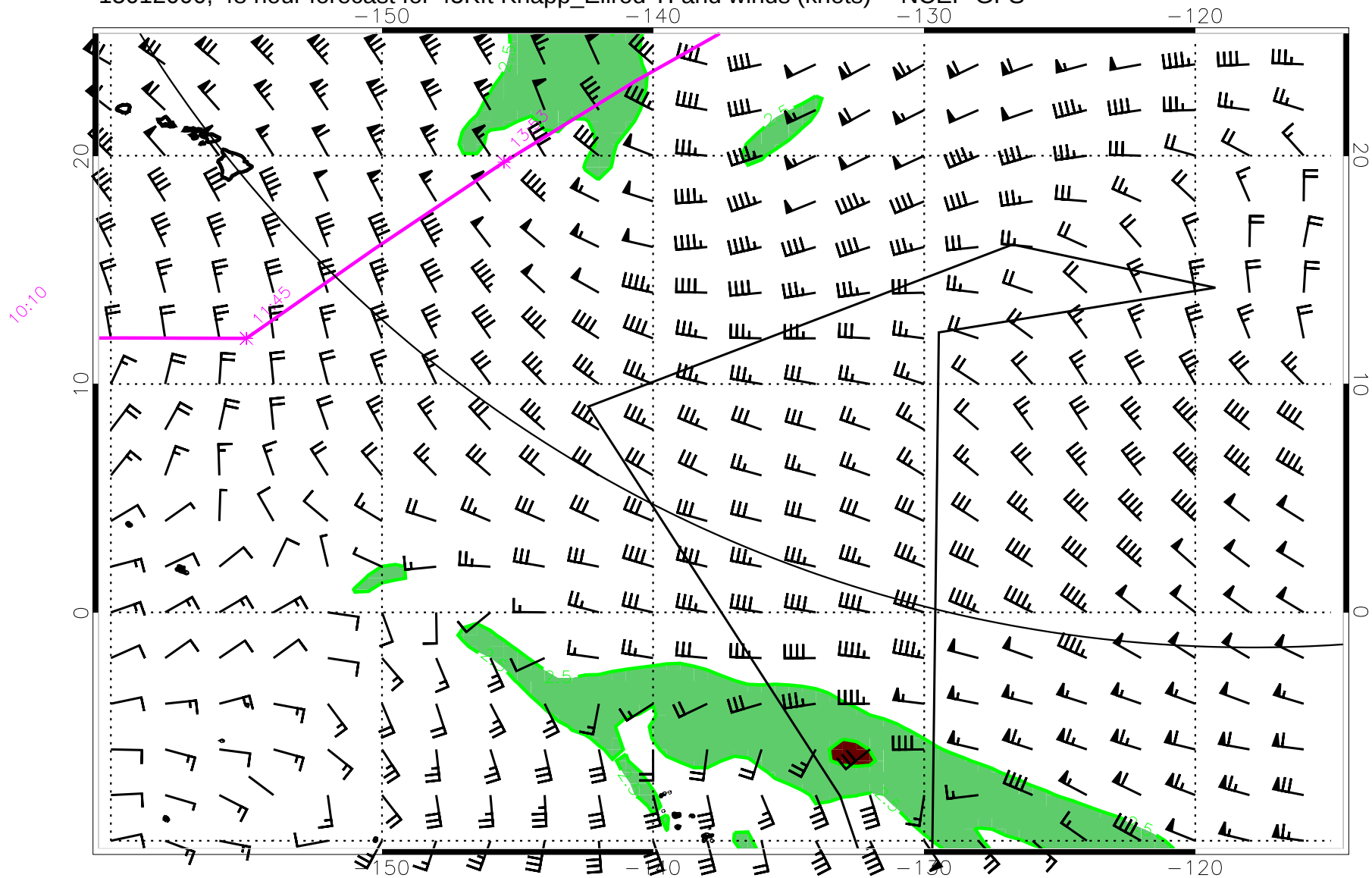


Turb value = 7 Turb value = 2.5

15011918, 42 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

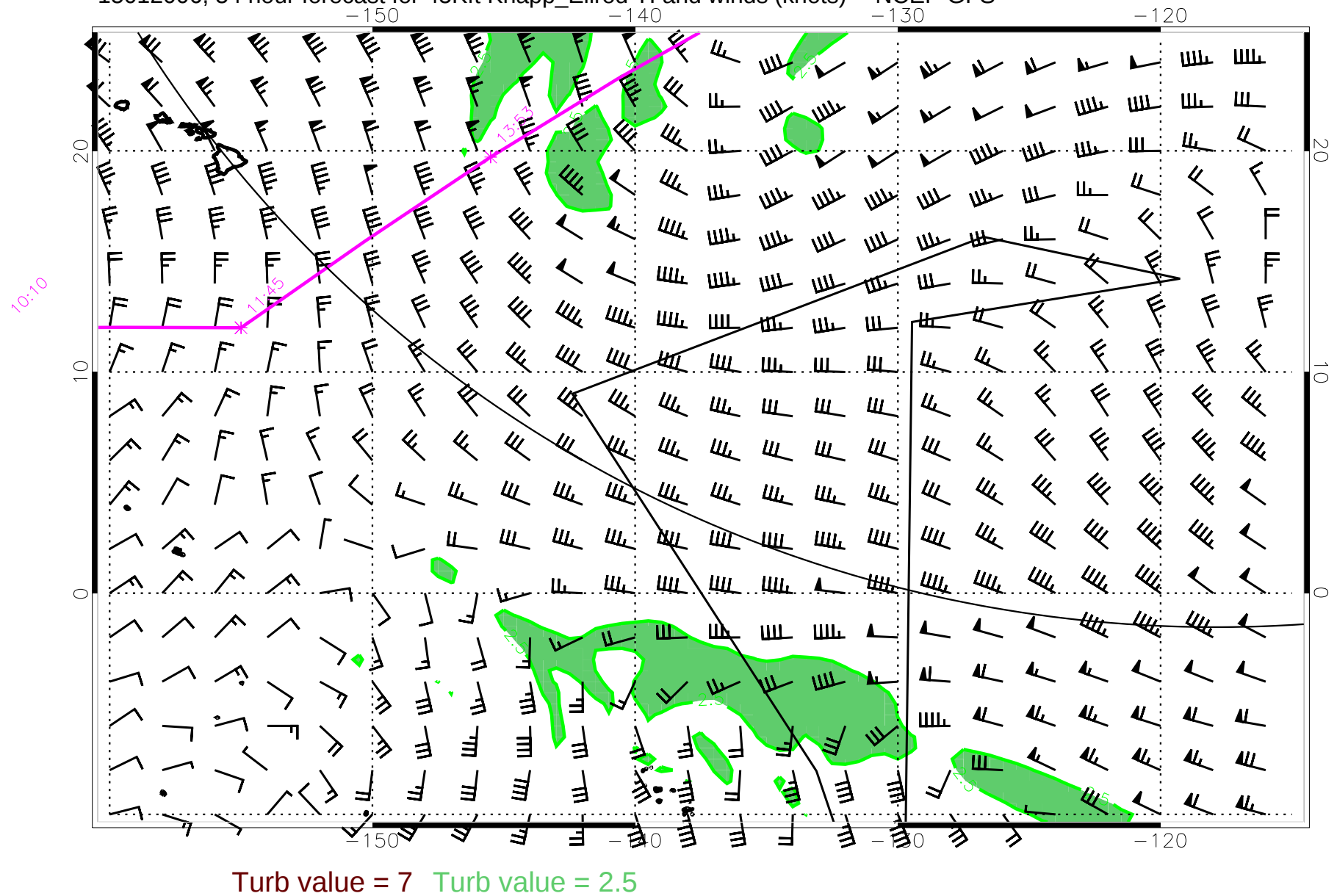


15012000, 48 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

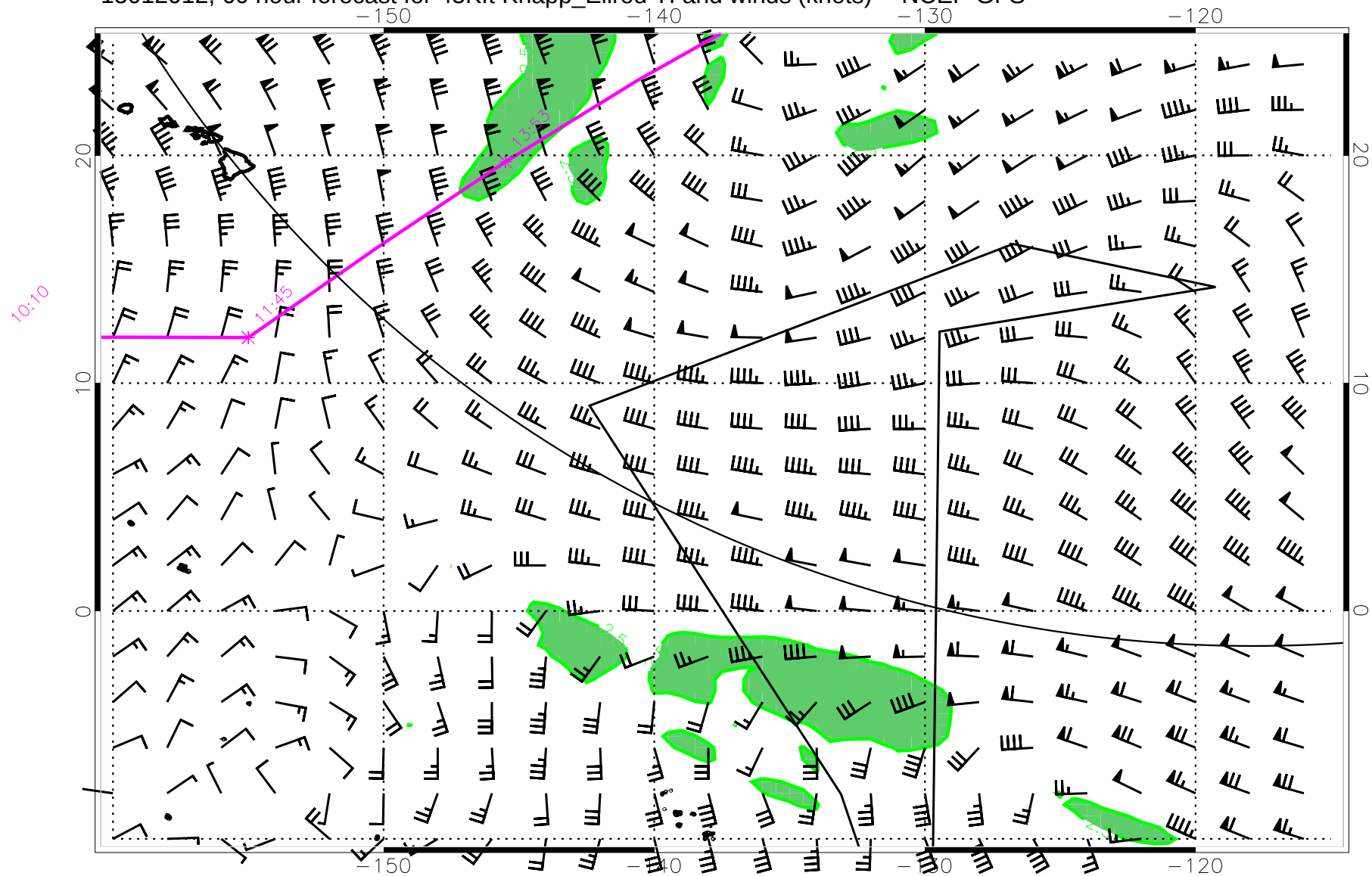


Turb value = 7 Turb value = 2.5

15012006, 54 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



15012012, 60 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS

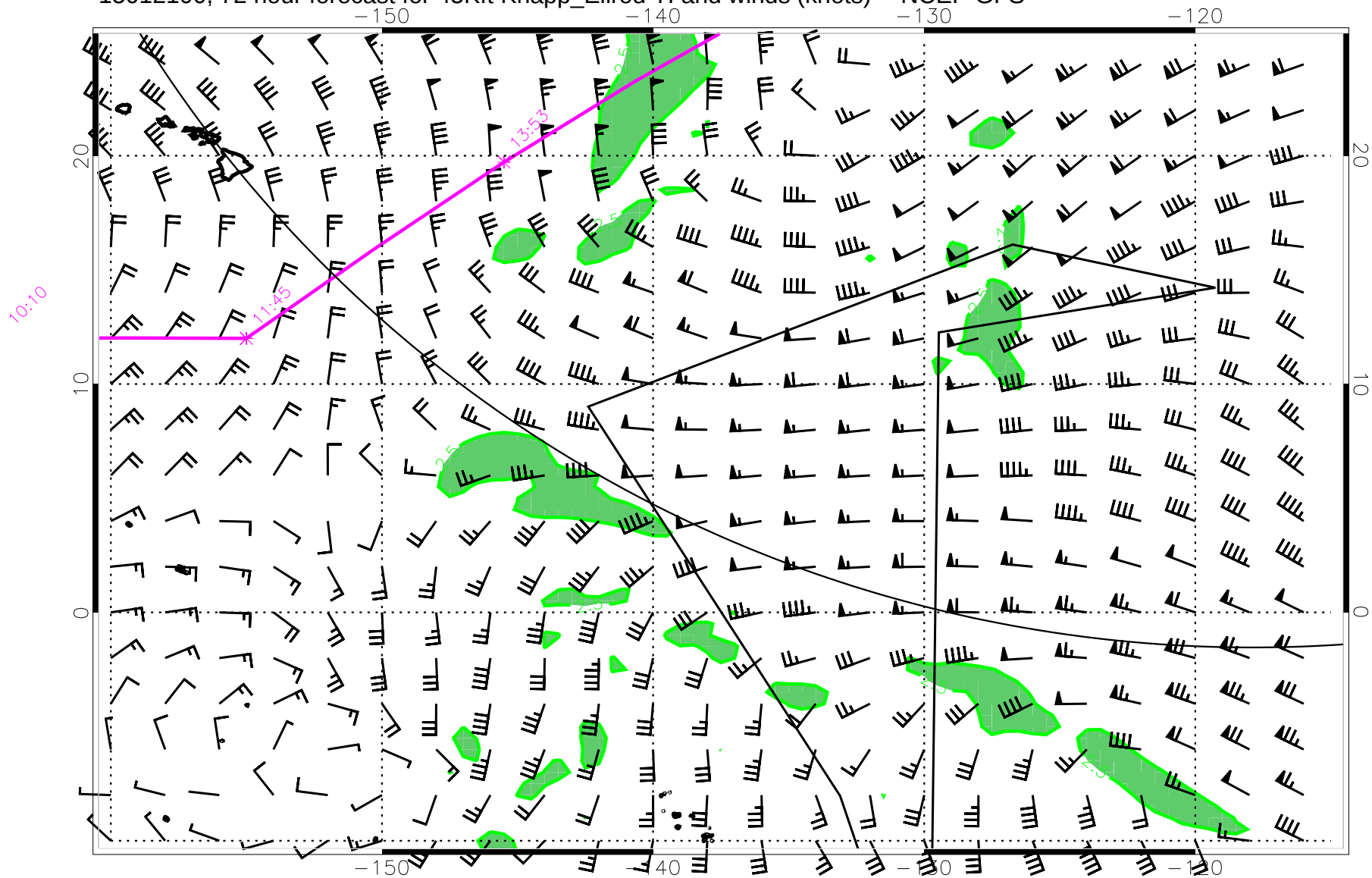


Turb value = 7 Turb value = 2.5

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, 3.53) represents a trajectory. Green shaded regions represent the domain of attraction for a fixed point. The x-axis is labeled from -150 to -120, and the y-axis is labeled from 0 to 10.

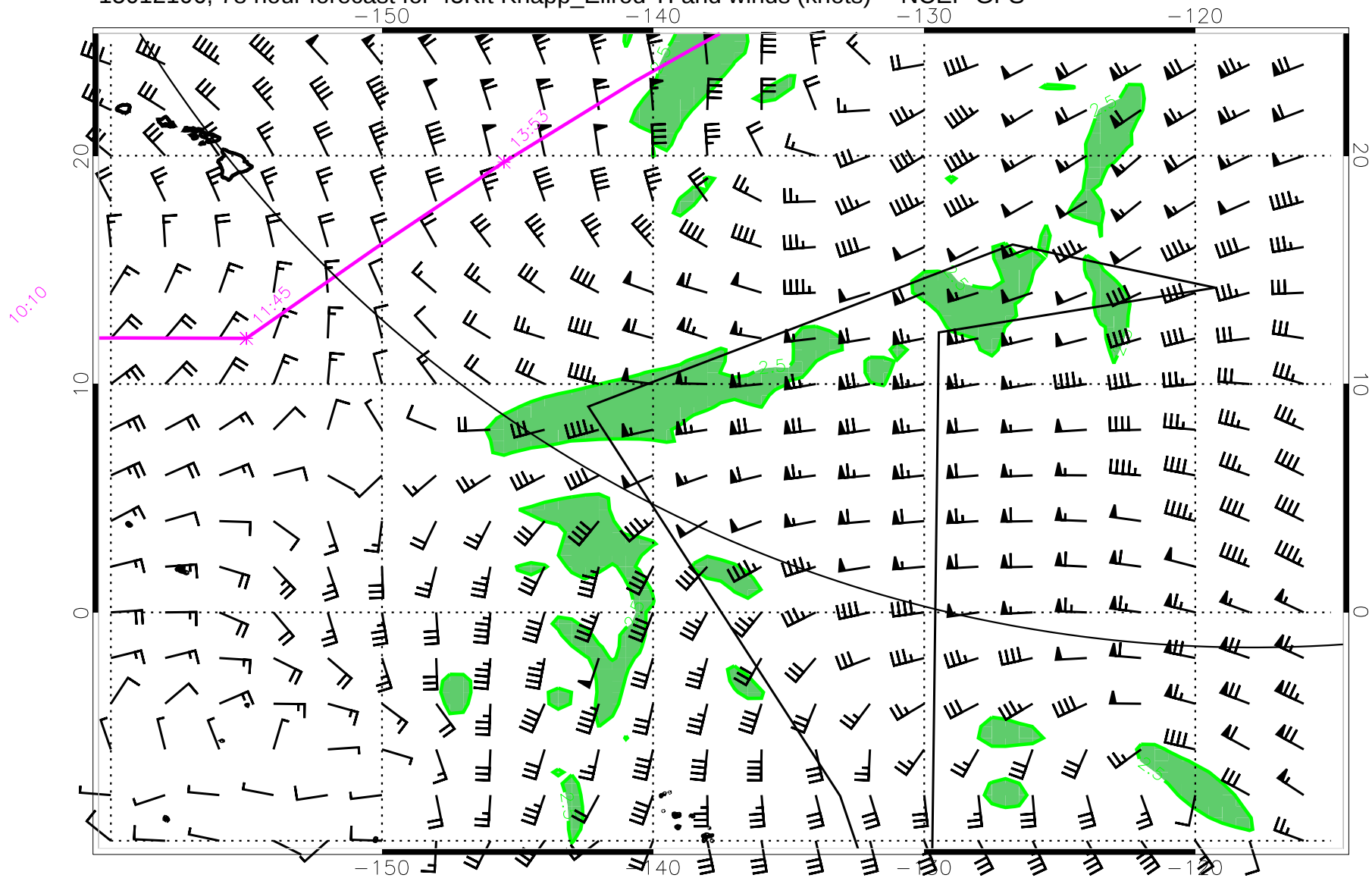
Turb value = 7 Turb value = 2.5

15012100, 72 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



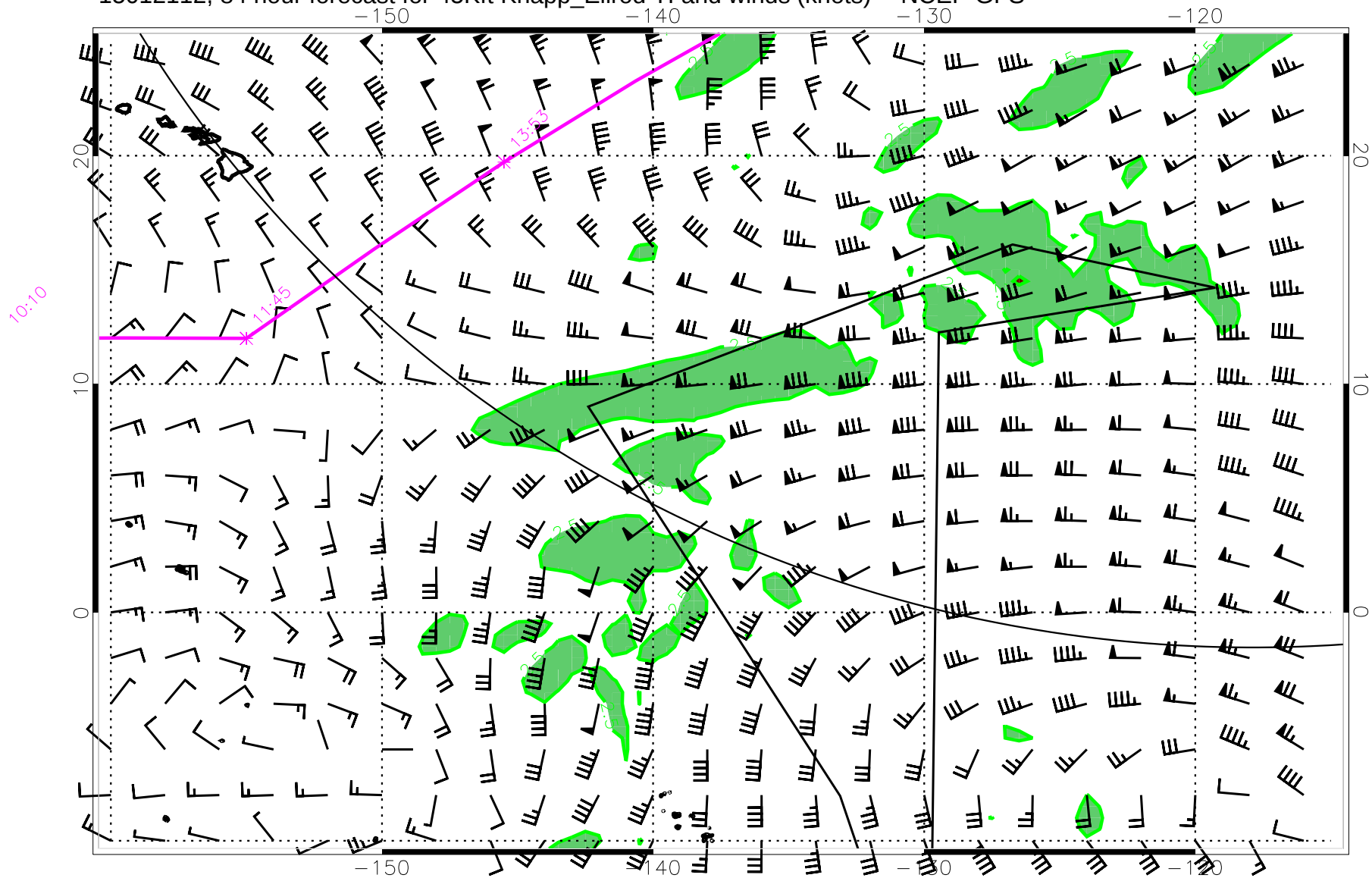
Turb value = 7 Turb value = 2.5

15012106, 78 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



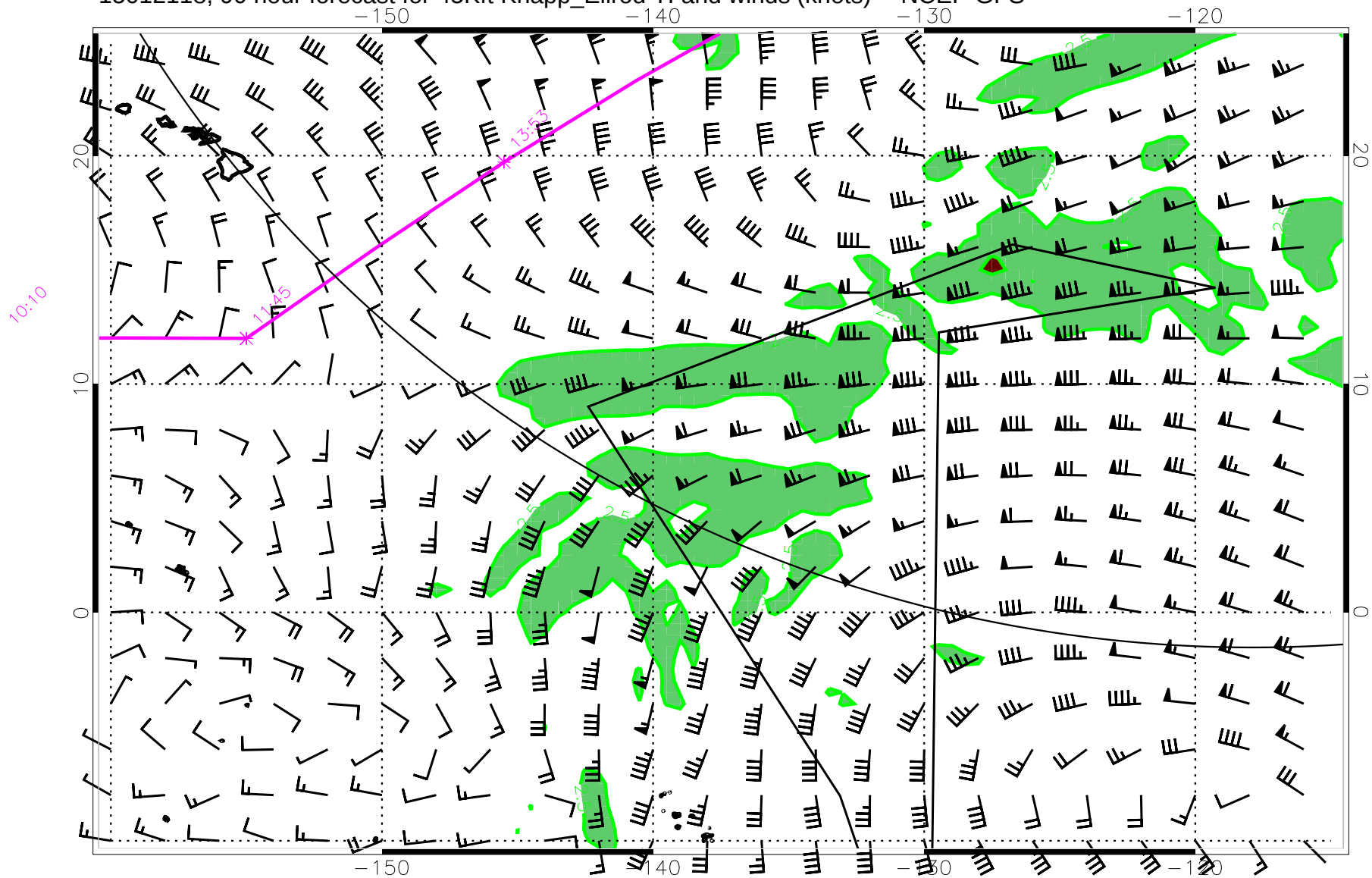
Turb value = 7 Turb value = 2.5

15012112, 84 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



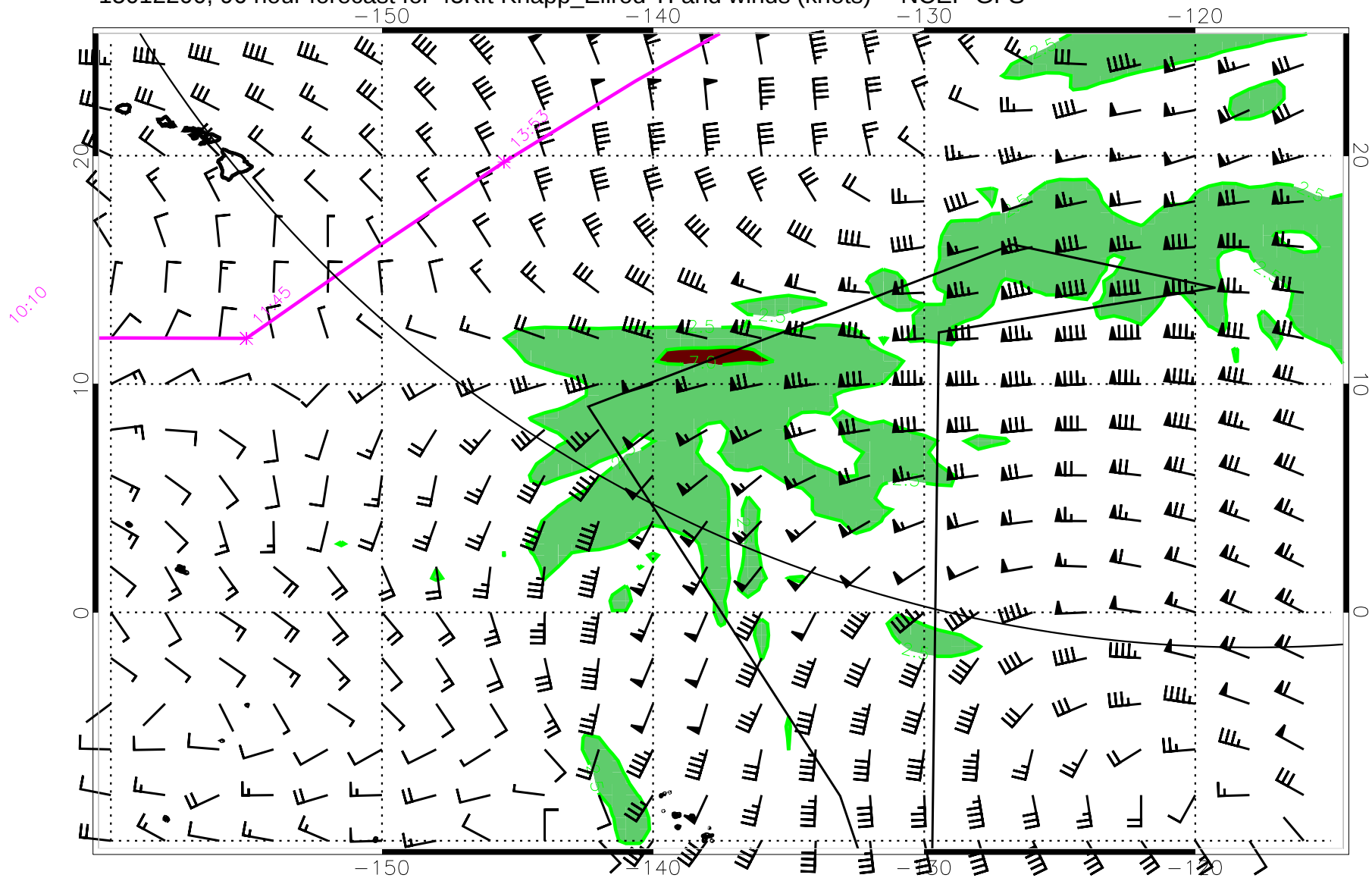
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15012118, 90 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



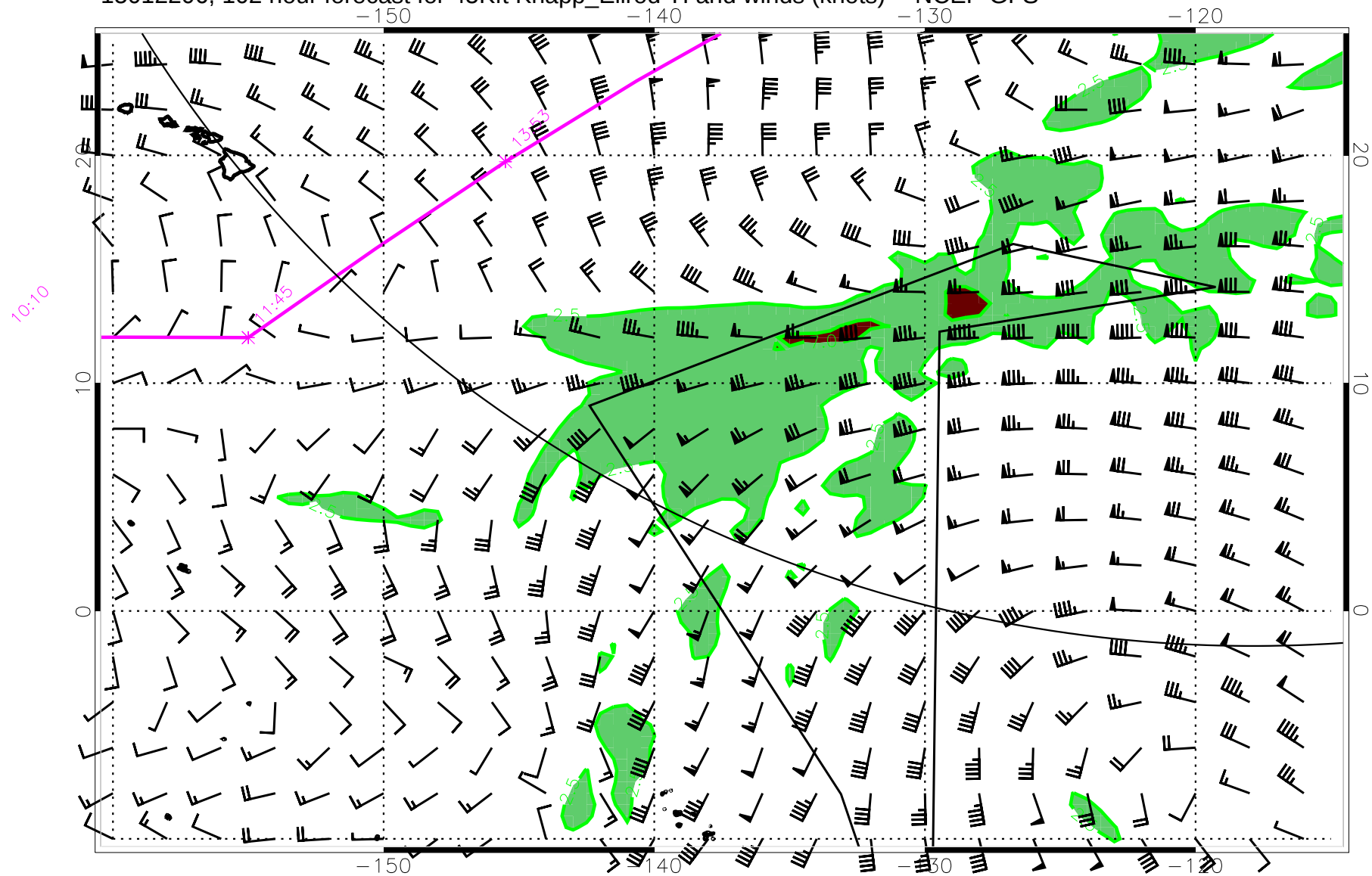
Turb value = 7 Turb value = 2.5

15012200, 96 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



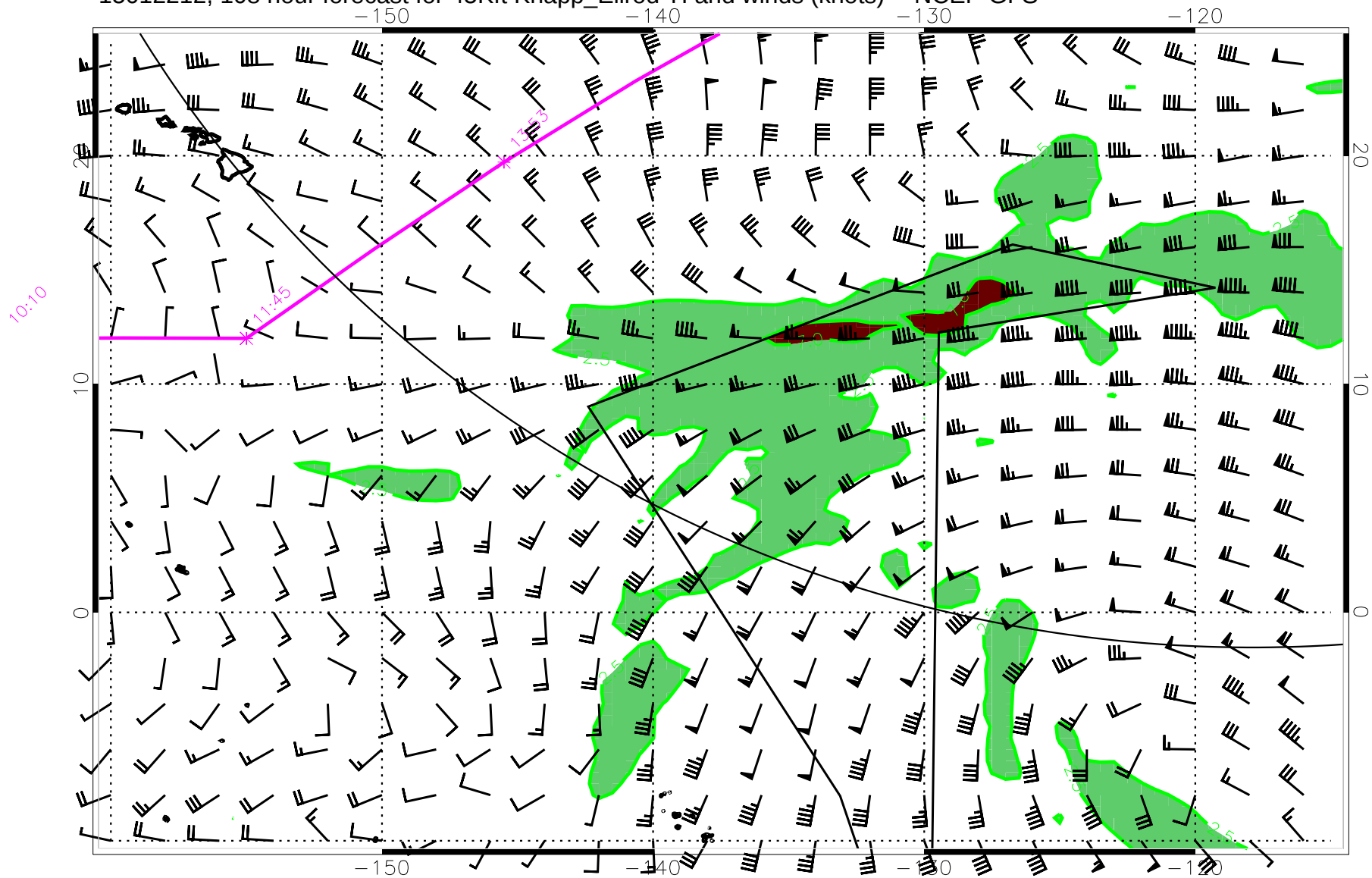
Turb value = 7 Turb value = 2.5

15012206, 102 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



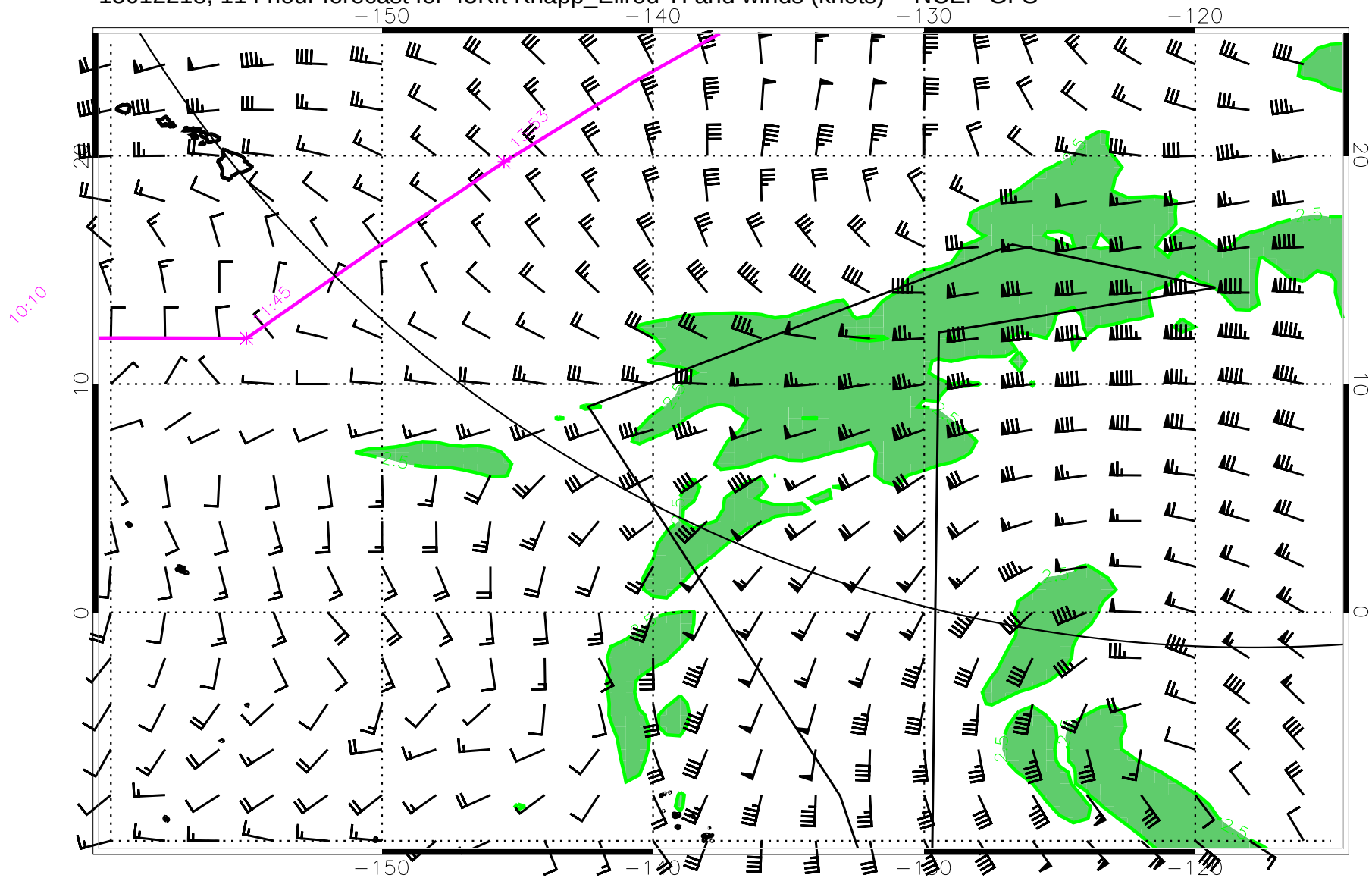
Turb value = 7 Turb value = 2.5

15012212, 108 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



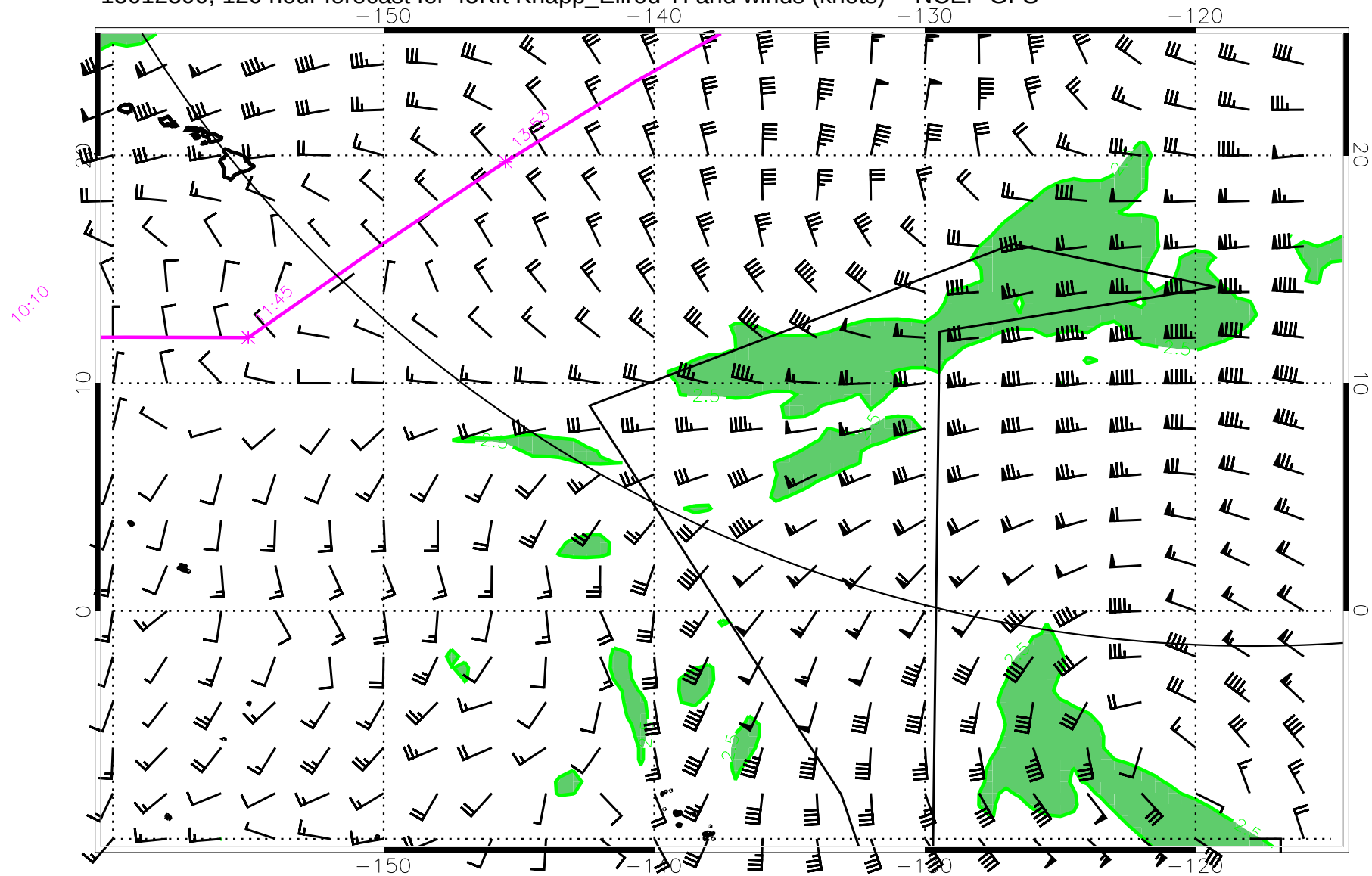
Turb value = 7 Turb value = 2.5

15012218, 114 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5

15012300, 120 hour forecast for 45Kft Knapp_Ellrod TI and winds (knots) -- NCEP GFS



Turb value = 7 Turb value = 2.5