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Private Pilot Research - Weather Services (Surface Analysis & Significant Weather Prognostic Charts)

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11-1 SIGNIFICANT WEATHER PROGNOSTIC CHARTS Significant weather prognostic charts (progs) (Figure 11-1) portray forecasts of sele,

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Surface analysis charts depict an analysis of the current surface weather conditions, including highs, lows, fronts, temperatures, dew points, wind directions, and wind speeds. Additionally, these charts are computer prepared and transmitted every three hours. On the other hand, significant weather prognostic charts are two-panel charts with low level, ground surface to 24,000 ft, and high level, 25,000 ft to 60,000 ft, including 12 and 24 hour forecasts issued four times a day.