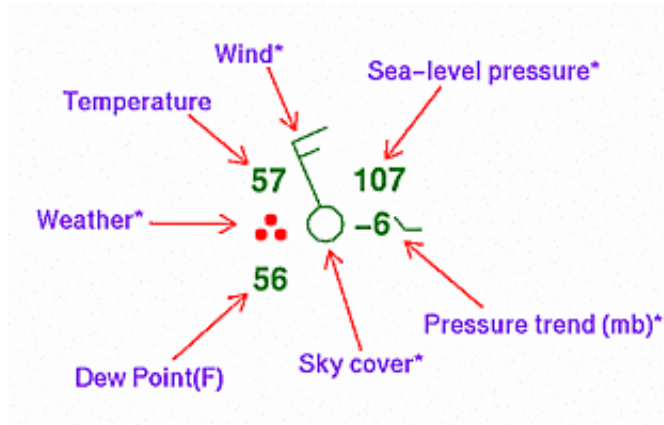


Sample Station Plot



Detailed information about items marked with a (*) is provided below.

WEATHER

A weather symbol is plotted if at the time of observation, there is either precipitation occurring or a condition causing reduced visibility.

Below is a list of the most common weather symbols:

			Rain (light, moderate, heavy)
			Snow (light, moderate, heavy)
			Thunder (with rain, snow, no precipitation)
			Shower (rain, snow)
			Drizzle
			Freezing rain, Freezing drizzle
			Ice pellets/Sleet
			Fog (shallow, deep)
			Haze

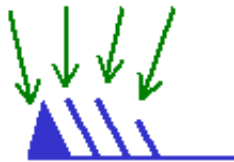
WIND

Wind is plotted in increments of 5 knots (kts), with the outer end of the symbol pointing toward the direction from which the wind is blowing. The wind speed is determined by adding up the total of flags, lines, and half-lines, each of which have the following individual values:

Flag: 50 kts
Line: 10 kts
Half-Line: 5 kts

If there is only a circle depicted over the station with no wind symbol present, the wind is calm. Below are some sample wind symbols:

$50 + 10 + 10 + 5$



Wind blowing from the west at 75 knots



Wind blowing from the northeast at 25 knots



Wind blowing from the south at 5 knots



Calm winds

PRESSURE

Sea-level pressure is plotted in tenths of millibars (mb), with the leading 10 or 9 omitted. For reference, 1013 mb is equivalent to 29.92 inches of mercury. Below are some sample conversions between plotted and complete sea-level pressure values:

410: 1041.0 mb
103: 1010.3 mb
987: 998.7 mb
872: 987.2 mb







PRESSURE TREND

The pressure trend has two components, a number and symbol, to indicate how the sea-level pressure has changed during the past three hours. The number provides the 3-hour change in tenths of millibars, while the symbol provides a graphic illustration of how this change occurred. Below are the meanings of the pressure trend symbols:

	Continuously falling		Continuously rising
	Falling, then steady		Rising, then steady
	Falling before a lesser rise		Falling before a greater rise
	Rising before a greater fall		Rising before a lesser fall
		Steady	

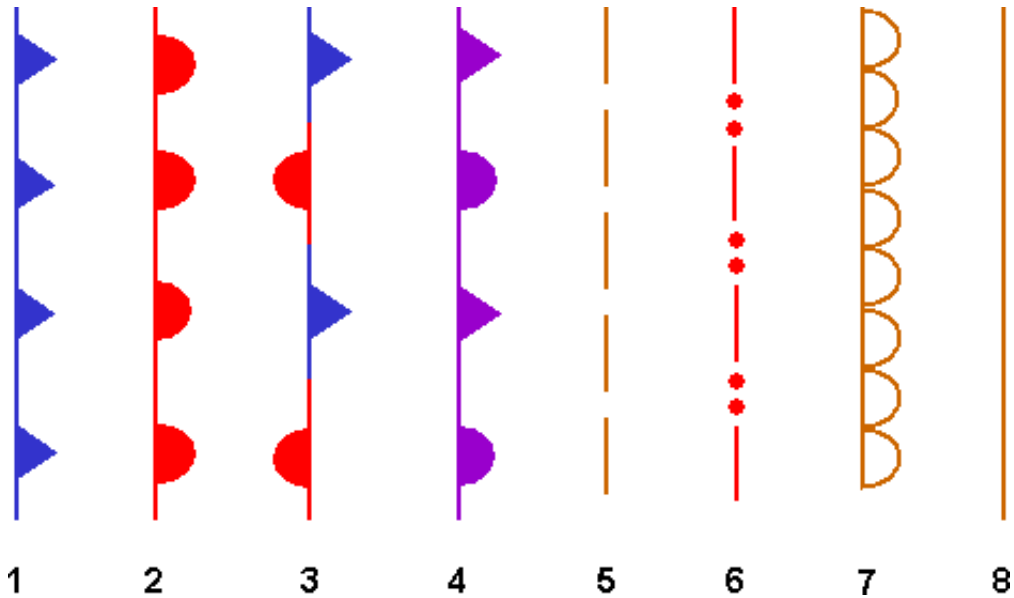
SKY COVER

The amount that the circle at the center of the station plot is filled in reflects the approximate amount that the sky is covered with clouds. Below are the common cloud cover depictions:

	Clear		Overcast
	Scattered clouds (approximately 25% cloud cover)		Sky Obscured
	Partly cloudy (approximately 50% cloud cover)		Sky Cover Missing
	Mostly cloudy (approximately 75% cloud cover)		

Surface Fronts

In addition to High and Low centers, you may see one or more of these eight features on a surface analysis or forecast:



Key to Features

- 1 -- Cold Front
- 2 -- Warm Front
- 3 -- Stationary Front
- 4 -- Occluded Front
- 5 -- Trough ("TROF")
 Also used to depict Outflow Boundary ("OUTFLOW BNDRY")
- 6 -- Squall Line
- 7 -- Dry Line
- 8 -- Tropical Wave ("TRPCL WAVE")