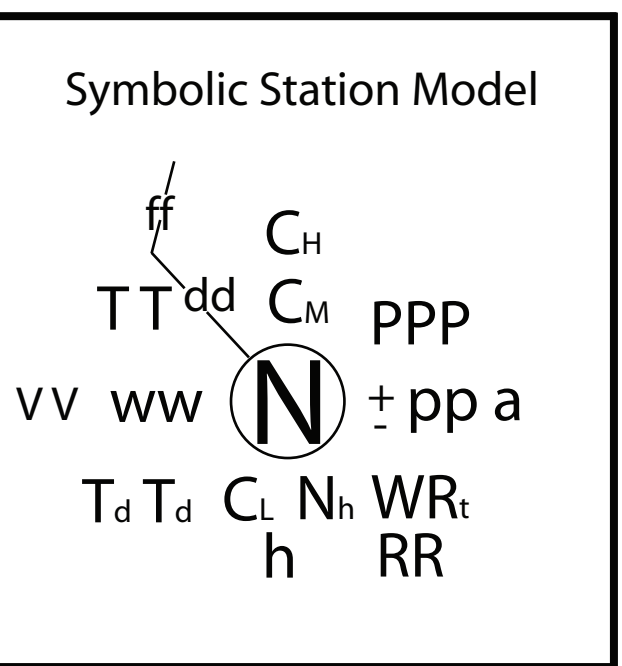


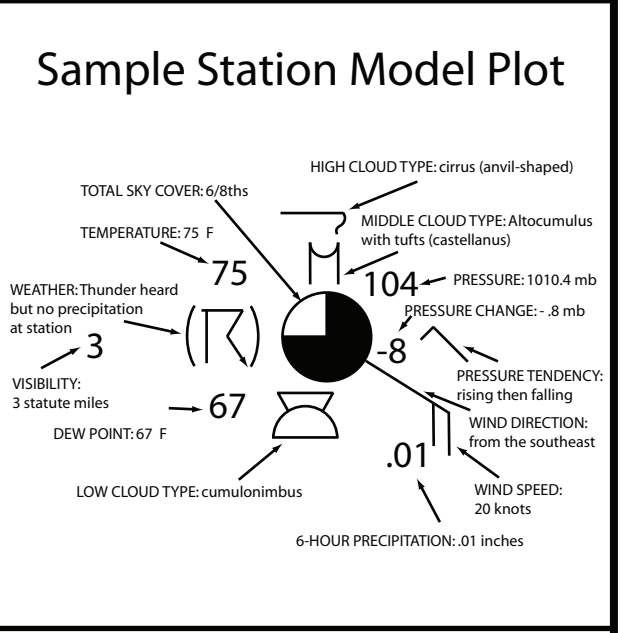
CLOUD ABBREVIATION	Code	C _H	High Cloud Description	Code	C _M	Middle Cloud Description	Code	C _L	Low Cloud Description
St or Fs = Stratus or Fractostratus	1		Filaments of Ci, or "mares tails," scattered and not increasing	1		Thin As (most of cloud layer semi-transparent)	1		Cu of fair weather with little vertical development and seemingly flattened
	2		Dense Ci and patches or twisted sheaves, usually not increasing, sometimes like remains of Cb; or towers or tufts	2		Thick As, greater part sufficiently dense to hide sun (or moon), or Ns	2		Cu of considerable development, generally towering with or without other Cu or Sc bases all at the same level
Ci = Cirrus	3		Dense Ci, often anvil-shaped, derived from or associated with Cb	3		Thin Ac, mostly semi-transparent; cloud elements not changing much and at a single level	3		Cb with tops lacking clear cut outlines but distinctly not cirriform or anvil-shaped, with or without Cu, Sc or St
Cs = Cirrus	4		Ci, often hook-shaped, gradually spreading over the sky and usually thickening as a whole	4		Thin Ac in patches; cloud elements continually changing and/or occurring at more than one level	4		Sc formed by the spreading out of Cu; Cu often present also
Cc = Cirrocumulus	5		Ci and Cs, often in converging bands, or Cs alone; generally overspreading and growing denser; the continuous layer not reaching 45 degrees altitude	5		Thin Ac in bands or in a layer gradually spreading over the sky and usually thickening as a whole	5		Sc not formed by the spreading out of Cu
Ac = Altostratus	6		Ci and Cs, often in converging bands, or Cs alone; generally overspreading and growing denser; the continuous layer exceeding 45 degrees altitude	6		Ac formed by the spreading out of Cu	6		St or Fs or both but no Fs of bad weather
As = Altostratus	7		Veil of Cs covering the entire sky	7		Double-layered Ac, or a thick layer of Ac, not increasing; or Ac with As and/or Ns	7		Fs and/or Fc of bad weather; stratocumulus under deck (scud)
Sc = Stratocumulus	8		Cs not increasing and not covering entire sky	8		Ac in the form of Cu-shaped tufts or Ac with turrets	8		Cu and Sc (not formed by spreading out of Cu) with bases at different levels
Ns = Nimbostratus	9		Cc alone or Cc with some Ci or Cs, but the Cc being the main cirriform cloud	9		Ac of a chaotic sky, usually at different levels; patches of dense Ci are usually present also	9		Cb having a clearly fibrous (cirriform) top, often anvil-shaped, with or without Cu, Sc, St or scud



Weather Symbol Chart

	0	1	2	3	4	5	6	7	8	9
00										
10										
20										
30										
40										
50										
60										
70										
80										
90										

Code	W	PAST WEATHER		mph	knots
0		Clear or few clouds		55 - 60	48 - 52
1		Partly cloudy (scattered) or variable sky		61 - 66	53 - 57
2		Cloudy (broken) or overcast		67 - 71	58 - 62
3		Sandstorm or duststorm, or drifting or blowing snow		72 - 77	63 - 67
4		Fog, or smoke or thick dust haze		78 - 83	68 - 72
5		Drizzle		84 - 89	73 - 77
6		Rain		90 - 94	78 - 82
7		Snow, or rain and snow mixed, or ice pellets (sleet)		113 - 117	98 - 102
8		Shower(s)		118 - 123	103 - 107
9		Thunderstorm, with or without precipitation			



Explanation of Weather Symbols

- Adapted from U.S. Weather Bureau, National Weather Service, World Meteorological Organization
- N** Total amount of cloud cover.
 - dd** True direction from which the wind is blowing along arrow shaft toward the station.
 - ff** Wind speed in knots shown as feathers on shaft of the wind direction arrow.
 - VV** Visibility in miles and fractions.
 - WW** Present weather coded in figures found in the "ww" table. Figures in blocks 00, 01, 02, and 03 are not plotted.
 - W** Past weather uses the symbols found in the "W" block.
 - PPP** Barometric pressure plotted in tens, units, and tenths of millibars. (189 = 1018.9 & 989 = 998.9 millibars)
 - TT** Temperature of dew point in whole degrees.
 - Nh** Code for fraction of sky covered by low or middle clouds.
 - CL** Predominate clouds of type in CL table.
 - CM** Predominate clouds of type in CM table.
 - CH** Predominate clouds of type in CH table.
 - a** Characteristic of barograph trace as shown in the Pressure Tendency block.
 - pp** Pressure change in the 3 hours preceding the observation (28 = 2.8 millibars).
 - RR** Amount of precipitation coded in inches to the nearest hundredth.
 - Rt** Time precipitation began or ended. Code not shown.
- Symbols as used in USA. Temperatures plotted in degrees Fahrenheit, wind in knots, visibility in miles, and pressure in millibars.