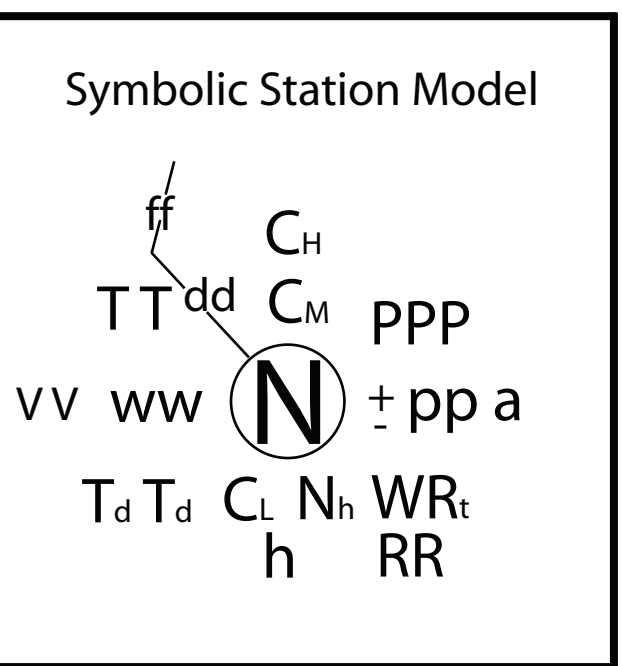


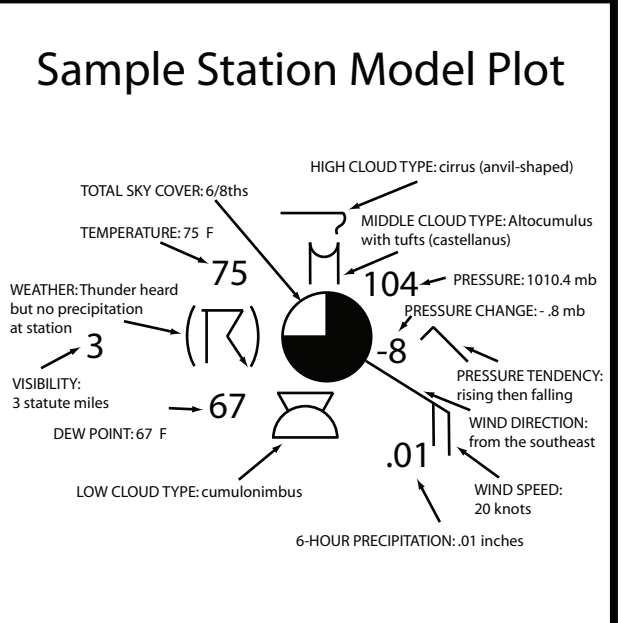
CLOUD ABBREVIATION	Code	C _H	High Cloud Description	Code	C _M	Middle Cloud Description	Code	C _L	Low Cloud Description
St or Fs = Stratus or Fractostratus	1		Filaments of Ci, or "mares tails," scattered and not increasing	1		Thin As (most of cloud layer semi-transparent)	1		Cu of fair weather with little 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	Symbol	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.	C _L	Predominate clouds of type in C _L table.
dd	True direction from which the wind is blowing along arrow shaft toward the station.	C _M	Predominate clouds of type in C _M table.
ff	Wind speed in knots shown as feathers on shaft of the wind direction arrow.	C _H	Predominate clouds of type in C _H table.
VV	Visibility in miles and fractions.	TT	Air temperature in whole degrees.
WW	Present weather coded in figures found in the "ww" table. Figures in blocks 00, 01, 02, and 03 are not plotted.	a	Characteristic of barograph trace as shown in the Pressure Tendency block.
W	Past weather uses the symbols found in the "W" block.	pp	Pressure change in the 3 hours preceding the observation (28 = 2.8 millibars).
PPP	Barometric pressure plotted in tens, units, and tenths of millibars. (189 = 1018.9 & 989 = 998.9 millibars)	RR	Amount of precipitation coded in inches to the nearest hundredth.
TT	Temperature of dew point in whole degrees.	R _t	Time precipitation began or ended. Code not shown.
N _h	Code for fraction of sky covered by low or middle clouds.		Symbols as used in USA. Temperatures plotted in degrees Fahrenheit, wind in knots, visibility in miles, and pressure in millibars.

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