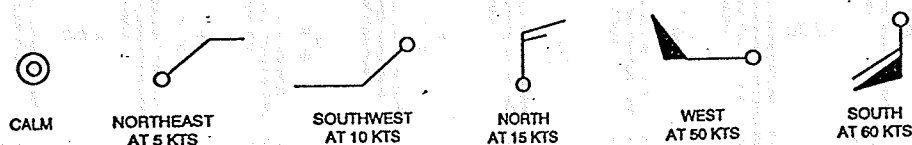


1. Total sky cover: **OVERCAST** (Figure 5-4).
2. Temperature: **34 DEGREES F**, Dew Point: **32 DEGREES F**.
3. Wind: **FROM THE NORTHWEST AT 20 KNOTS** (relative to True North).

Examples of wind direction and speed



4. Present weather: **CONTINUOUS LIGHT SNOW** (Figure 5-6).
5. Predominant low, middle, high cloud reported: **STRATO FRACTUS OR CUMULUS FRACTUS OF BAD WEATHER, ALTOCUMULUS IN PATCHES, AND DENSE CIRRUS** (Figure 5-7).
6. Sea level pressure: **1014.7 MILLIBARS (mbs)**.
NOTE: Pressure is always shown in 3 digits to the nearest tenth of a millibar. For 1000 mbs or greater, prefix a "10" to the 3 digits. For less than 1000 mbs, prefix a "9" to the 3 digits.
7. Pressure change in past 3 hours: **INCREASED STEADILY OR UNSTEADILY BY 2.8 mbs**.
The actual change is in tenths of a millibar. (Figure 5-5)
8. 6-hour precipitation: **45 hundredths of an inch**.
The amount is given to the nearest hundredth of an inch.

Symbol	Total sky cover
	Clear (0/8)
	FEW (less than 1/8 to 2/8)
	SCT (3/8 to 4/8)
	BKN (5/8 to 7/8)
	Breaks in overcast
	OVC (8/8)
	Total sky obscuration
	Missing cloud (or sky cover) observation or partial obscuration

0	1	2	3	4	5	6	7	8	9
<p>Cloud generally NOT observed or NOT observable during past hour.</p>	<p>Clouds generally dissolving or becoming less developed during past hour.</p>	<p>State of the sky on the whole unchanged during past hour.</p>	<p>Clouds generally forming or visibility reduced by smoke. Visibility reduced during past hour.</p>	<p>Lightning visible, no thunder heard.</p>	<p>Precipitation within sight, distant from station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Thunder heard, but no precipitation at the station.</p>	<p>Squalls within sight during past hour.</p>	<p>Furled clouds within sight during past hour.</p>
<p>Light fog.</p>	<p>Patches of shallow fog at station, NOT deeper than 6 feet on land.</p>	<p>More or less continuous shallow fog at station, NOT deeper than 6 feet on land.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>	<p>Precipitation within sight, reaching the ground, but not NOT at station.</p>
<p>Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation.</p>	<p>Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation.</p>	<p>Snow (NOT falling as showers) during past hour, but NOT at time of observation.</p>	<p>Rain and snow (NOT falling as showers) during past hour, but NOT at time of observation.</p>	<p>Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation.</p>	<p>Showers of rain during past hour, but NOT at time of observation.</p>	<p>Showers of snow or of rain and snow, during past hour, but NOT at time of observation.</p>	<p>Showers of hail, or of hail and rain, during past hour, but NOT at time of observation.</p>	<p>Fog during past hour, but NOT at time of observation.</p>	<p>Thunderstorm (with or without precipitation) during past hour, but NOT at time of observation.</p>
<p>Slight or moderate dust storm or sand storm, has decreased during past hour.</p>	<p>Slight or moderate dust storm or sand storm, has increased during past hour.</p>	<p>Slight or moderate dust storm or sand storm, has increased during past hour.</p>	<p>Severe dust storm or sand storm, has decreased during past hour.</p>	<p>Severe dust storm or sand storm, has increased during past hour.</p>	<p>Severe dust storm or sand storm, has increased during past hour.</p>	<p>Slight or moderate drifting snow, generally low.</p>	<p>Heavy drifting snow, generally low.</p>	<p>Slight or moderate drifting snow, generally high.</p>	<p>Heavy drifting snow, generally high.</p>
<p>Fog at distance at time of observation, but NOT at station during past hour.</p>	<p>Fog in patches.</p>	<p>Fog, sky discernible, has become thinner during past hour.</p>	<p>Fog, sky NOT discernible, has become thinner during past hour.</p>	<p>Fog, sky discernible, no appreciable change during past hour.</p>	<p>Fog, sky NOT discernible, no appreciable change during past hour.</p>	<p>Fog, sky discernible, has begun or become thicker during past hour.</p>	<p>Fog, sky NOT discernible, has begun or become thicker during past hour.</p>	<p>Fog, sky discernible, has begun or become thicker during past hour.</p>	<p>Fog, sky NOT discernible, has begun or become thicker during past hour.</p>
<p>Intermittent drizzle (NOT freezing), slight at time of observation.</p>	<p>Continuous drizzle (NOT freezing), slight at time of observation.</p>	<p>Intermittent drizzle (NOT freezing), moderate at time of observation.</p>	<p>Continuous drizzle (NOT freezing), moderate at time of observation.</p>	<p>Intermittent drizzle (NOT freezing), thick at time of observation.</p>	<p>Continuous drizzle (NOT freezing), thick at time of observation.</p>	<p>Slight freezing rain.</p>	<p>Moderate or heavy freezing rain.</p>	<p>Drizzle and rain, slight.</p>	<p>Drizzle and rain, moderate or heavy.</p>
<p>Intermittent rain (NOT freezing), slight at time of observation.</p>	<p>Continuous rain (NOT freezing), slight at time of observation.</p>	<p>Intermittent rain (NOT freezing), moderate at time of observation.</p>	<p>Continuous rain (NOT freezing), moderate at time of observation.</p>	<p>Intermittent rain (NOT freezing), heavy at time of observation.</p>	<p>Continuous rain (NOT freezing), heavy at time of observation.</p>	<p>Slight freezing rain.</p>	<p>Moderate or heavy freezing rain.</p>	<p>Rain or drizzle and snow, slight.</p>	<p>Rain or drizzle and snow, moderate or heavy.</p>
<p>Intermittent fall of snow flakes, slight at time of observation.</p>	<p>Continuous fall of snow flakes, slight at time of observation.</p>	<p>Intermittent fall of snow flakes, moderate at time of observation.</p>	<p>Continuous fall of snow flakes, moderate at time of observation.</p>	<p>Intermittent fall of snow flakes, heavy at time of observation.</p>	<p>Continuous fall of snow flakes, heavy at time of observation.</p>	<p>Ice needles (with or without fog).</p>	<p>Granular snow (with or without fog).</p>	<p>Isolated steady snow (with or without fog).</p>	<p>Ice pellets (sleet, U.S. definition).</p>
<p>Slight rain shower(s).</p>	<p>Moderate or heavy rain shower(s).</p>	<p>Violent rain shower(s).</p>	<p>Slight shower(s) of rain and snow mixed.</p>	<p>Moderate or heavy shower(s) of rain and snow mixed.</p>	<p>Slight snow shower(s).</p>	<p>Moderate or heavy snow shower(s).</p>	<p>Slight shower(s) of soft or small hail with or without rain, or rain and snow mixed.</p>	<p>Moderate or heavy shower(s) of soft or small hail with or without rain, or rain and snow mixed.</p>	<p>Slight shower(s) of hail, with or without rain or snow mixed, not associated with thunder.</p>
<p>Moderate or heavy shower(s).</p>	<p>Moderate or heavy rain at time of observation.</p>	<p>Moderate or heavy rain at time of observation.</p>	<p>Slight snow or rain and snow mixed at time of observation.</p>	<p>Moderate or heavy rain and snow mixed at time of observation.</p>	<p>Slight or moderate thunderstorm, with rain and snow mixed at time of observation.</p>	<p>Slight or moderate thunderstorm, with rain and snow mixed at time of observation.</p>	<p>Heavy thunderstorm, with rain and snow mixed at time of observation.</p>	<p>Thunderstorm, combined with dust storm or sand storm at time of observation.</p>	<p>Heavy thunderstorm with hail at time of observation.</p>

Description of Characteristic		Graphic
Primary Unqualified Requirement	Additional Requirements	
HIGHER Atmospheric pressure now higher than 3 hours ago	Increasing then decreasing	✓
	Increasing then steady; or	✓
	increasing then increasing more slowly	✓
	Steadily	✓
	Increasing	✓
	Unsteadily	✓
THE SAME Atmospheric pressure now same as 3 hours ago	Decreasing or steady then increasing; or	✓
	increasing then increasing more rapidly	✓
	Increasing then decreasing	✓
LOWER Atmospheric pressure now lower than 3 hours ago	Steady	✓
	Decreasing then increasing	✓
	Decreasing then increasing	✓
	Decreasing then steady; or	✓
	decreasing then decreasing more slowly	✓
	Steadily	✓
	Decreasing	✓
	Unsteadily	✓
	Steady or increasing then decreasing; or	✓
	decreasing then decreasing more rapidly	✓

CLOUD ABBREVIATION		DESCRIPTION (Abridged from W.M.O. Code)			DESCRIPTION (Abridged from W.M.O. Code)
St or Fs - Stratus or Fractostratus	1	Cu, fair weather, little vertical development & flattened	C _L		
Cl - Cirrus	2	Cu, considerable development, lowering with or without other Cu or SC bases at same level			
Cs - Cirrostratus	3	Cb with tops lacking clear-cut outlines, but distinctly not cirriform or anvil shaped; with or without Cu, Sc, St			
Cc - Cirrocumulus	4	Sc formed by spreading out of Cu; Cu often present also			
Ac - Altostratus	5	Sc not formed by spreading out of Cu			
As - Altostratus	6	St or Fs or both, but no Fs of bad weather			
Sc - Stratocumulus	7	Fs and/or Fc of bad weather (scud)			
Ns - Nimbostratus	8	Cu and Sc (not formed by spreading out of Cu) with bases at different levels			
Cu or Fc - Cumulus or Fraclocumulus	9	Cb having a clearly fibrous (cirriform) top, often anvil-shaped, with or without Cu, Sc, ST or scud			
Cb - Cumulonimbus					

	1	Thin As (most of cloud layer semitransparent)			
	2	Thick As, greater part sufficiently dense to hide sun (or moon), or Ns			
	3	Thin Ac, mostly semi-transparent; cloud elements not changing much at a single level			
	4	Thin Ac in patches; cloud elements continually changing and/or occurring at more than one level			
	5	Thin Ac in bands or in a layer gradually spreading over sky and usually thickening as a whole			
	6	Ac formed by the spreading out of Cu			
	7	Double-layered Ac, or a thick layer of Ac, not increasing; or Ac with As and/or Ns			
	8	Ac in the form of Cu-shaped tufts or Ac with turrets			
	9	Ac of a chaotic sky, usually at different levels; patches of dense Cl are usually present			

	1	Filaments of Cl, or "mares tails," scattered and not increasing			
	2	Dense Cl in patches or twisted sheaves, usually not increasing, sometimes like remains of Cb; or lower tufts			
	3	Dense Cl, often anvil-shaped derived from or associated Cb			
	4	Cl, often hook-shaped gradually spreading over the sky and usually thickening as a whole			
	5	Cl and Cs, often in converging bands or Cs alone; generally overstepping and growing denser; the continuous layer not reaching 45 altitude			
	6	Cl & Cs often in converging bands or Cs alone; generally overstepping and growing denser the continuous layer exceeding 45 altitude			
	7	Veil of Cs covering the entire sky			
	8	Cs not increasing and not covering entire sky			
	9	Cs alone or Cs with some Cl or Cs but the Cs being the main cloud			