

Name:

Pd:

Date:

M O D E R N E A R T H S C I E N C E

WS Meteorological Symbols #42

Symbol of Cloud Coverage											
Percent of Sky Covered	0	10	20-30	40	50	60	70-80	90	100		
Symbol of Wind Speed										(Each barb equals 10 mph)	
Speed in Knots	Calm	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50
Symbol of Wind Direction											
	North	Northeast	East	Southeast	South	Southwest	West	Northwest			

Drizzle		Sleet	
Fog		Smoke	
Hail		Snow	
Haze		Thunderstorm	
Rain		Hurricane	
Shower		Tropical storm	

Drizzle

Temperature 94

Dew point 78

1021

Atmospheric pressure

Atmospheric pressure falling

Cloud cover

Wind direction

Wind speed

M O D E R N E A R T H S C I E N C E

Transparency Worksheet 42
Meteorological Symbols

1. Why do you think meteorologists use these symbols rather than writing out the weather information?

2. Why is information about the dew point useful to a meteorologist?

3. Draw a symbol that shows a southwest wind of 27 knots.

4. What symbol is used to depict a 100 percent cloud cover?

5. What symbol might be appropriate to describe the wind conditions in the eye of a hurricane?