

Weather Station Symbols

Cloud Coverage

- No Clouds
- 1/10
- 1/4
- 1/2
- 3/4
- 9/10
- Completely Overcast
- Sky Obscured

Wind Speed

- Calm
- < 5 knots
- 5 knots
- 10 knots
- 20 knots
- 25 knots
- 50 knots

Cloud Types

- High Elevation**
 - Scattered Cirrus
 - Dense Cirrus
 - Cirrostratus
 - Heavy Cirrostratus
 - Cirrus & Cirrostratus
- Middle Elevation**
 - Thin Altostratus
 - Thick Altostratus
 - Thin Altocumulus
 - Heavy Altocumulus
- Low Elevation**
 - Stratocumulus
 - Fair Weather Cumulus
 - Developing Cumulus
 - Cumulonimbus
 - Cirrocumulus
 - Nimbostratus
 - Stratus
 - Fractostratus

Weather Conditions

	INTERMITTENT		
	Light	Moderate	Heavy
Rain			
Snow			
Drizzle			
	STEADY		
	Light	Moderate	Heavy
Rain			
Snow			
Drizzle			
	THUNDERSTORMS		
	Mild	Moderate	Severe
Rain			
Snow			
Hail			

- Hail
- Snow Grains
- Tornado
- Ice Crystals
- Drifting Snow
- Light Freezing Drizzle
- Heavy Freezing Drizzle
- Light Freezing Rain
- Heavy Freezing Rain

Wind Direction

Wind comes FROM the direction of the arrow.

Fronts

- Warm
- Cold
- Stationary
- Occluded
- Warm (Aloft)
- Cold (Aloft)

Air Pressure

- H** High
- L** Low

MISC. SKY COVER

- Haze
- Smoke
- Dust/Sand
- Fog in Patches
- Light Fog
- Heavy Fog

SHOWERS

- Slight Rain
- Moderate/Heavy Rain
- Violent Rain
- Sleet/Hail
- Slight Snow
- Moderate/Heavy Snow

Barometric Tendency

Increase in Air Pressure over Last 3 Hours				Decrease in Air Pressure over last 3 Hours				
Rising, then Falling	Rising, then Steady	Rising Steadily	Falling, then Rising	Steady	Falling, then Rising	Falling, then Steady	Falling Steadily	Rising, then Falling

Weather Station Model Demo

- A - Temperature
- B - Present Weather
- C - Dew Point
- D - Low Cloud Type
- E - Pressure Change
- F - Pressure Tendency
- G - Wind Speed & Direction
- H - Barometric Pressure
- I - High Cloud Type
- J - Cloud Coverage

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WIND SPEED KEY

50 + 10 + 10 + 5

1 knot = 1.852 km/h = 1.15 mph

- 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

Cloud Cover

Symbol	Scale in oktas (eighths)
	0 Sky completely clear
	1
	2
	3
	4 Sky half cloudy
	5
	6
	7
	8 Sky completely cloudy
	(9) Sky obstructed from view

Station Model

