

Atmosphere Investigation

Clouds 1-Measurement Data Sheet

School Name: _____

Observer names: _____

Date: Year _____ Month _____ Day _____ Study Site: ATM- _____

Local Time (hour:min): _____ Universal Time (hour:min): _____

Cloud Type

High (in the sky):

(Check all types seen)



Cirrus



Cirrocumulus



Cirrostratus

Middle (of the sky):

(Check all types seen)



Altostratus



Altocumulus

Low (in the sky):

(Check all types seen)



Stratus



Stratocumulus



Cumulus

Rain or Snow Producing Clouds:

(Check all types seen)



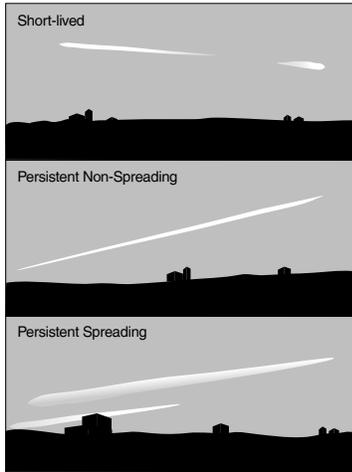
Nimbostratus



Cumulonimbus

School Name _____ Study Site: ATM-_____

Contrail Type (Record the number of each type observed)



Short-lived Contrails
How many do you see? _____

Persistent Non-Spreading Contrails
How many do you see? _____

Persistent Spreading Contrails
How many do you see? _____

Three-quarters or More of the Sky is Visible:

Cloud Cover (Check One)



- No Clouds**
 0%-No Clouds
- Clear**
 <10% Clouds
- Isolated**
 10-25% Clouds
- Scattered**
 25-50% Clouds
- Broken**
 50-90% Clouds
- Overcast**
 >90%

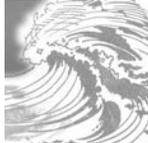
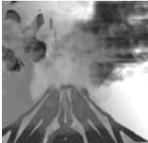
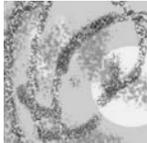
Contrail Cover (Check one)

- No Contrails (0%)
- 0-10%
- 10-25%
- 25-50%
- >50%

View of more than one-quarter or more of the sky is blocked: Obscured Check here



Why is the view of the sky blocked? (Check all that apply)

-  Blowing Snow
-  Heavy Snow
-  Heavy Rain
-  Fog
-  Spray
-  Volcanic Ash
-  Smoke
-  Dust
-  Sand
-  Haze

Comments: _____
