

# COMET OBSERVERS CLUB



## OBSERVATION LOG





## **When near the Sun, comets have several distinct parts**

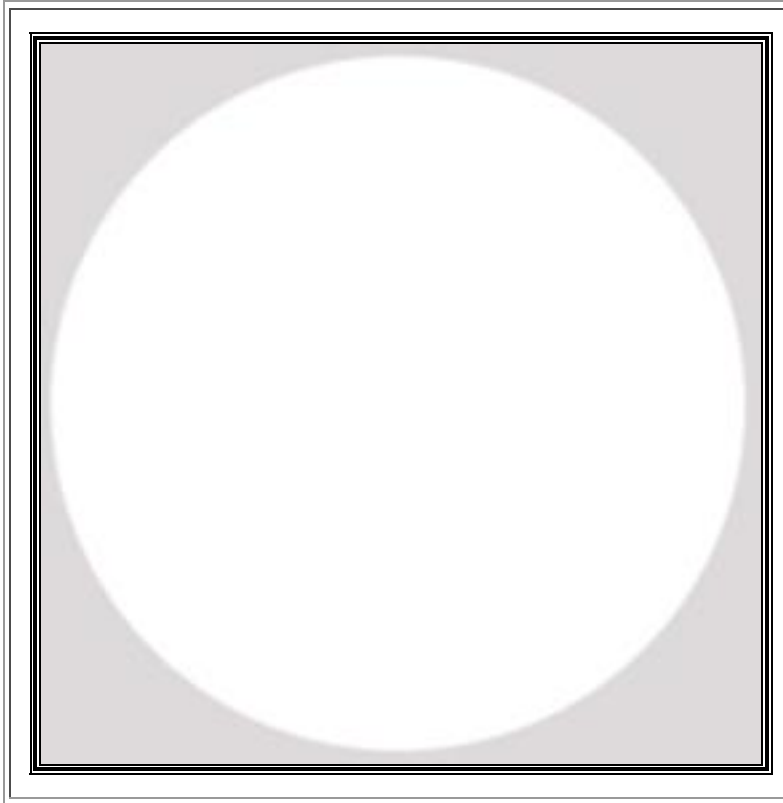
**NUCLEUS:** Relatively solid and stable, mostly ice and gas with a small amount of dust and other solids.

**COMA:** Dense cloud of water, carbon dioxide and other neutral gases sublimed from the nucleus;

**DUST TAIL:** Up to 10 million km long composed of smoke sized dust particles driven off the nucleus by escaping gases this is the most prominent part of a comet to the unaided eye.

**ION TAIL:** As much as several hundred million km long composed of plasma and laced with rays and streamers caused by interactions with the solar wind.

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

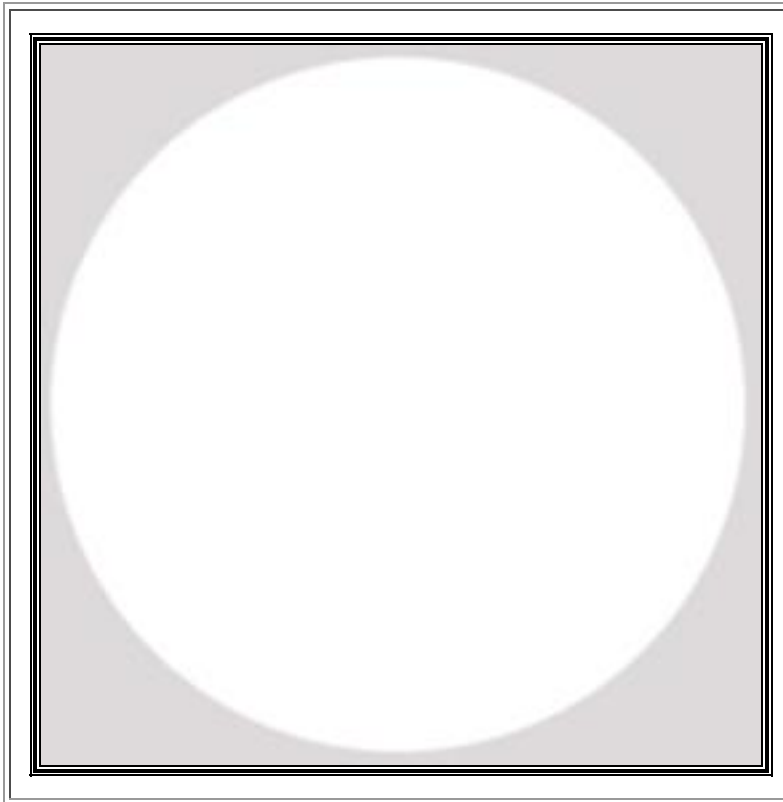
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

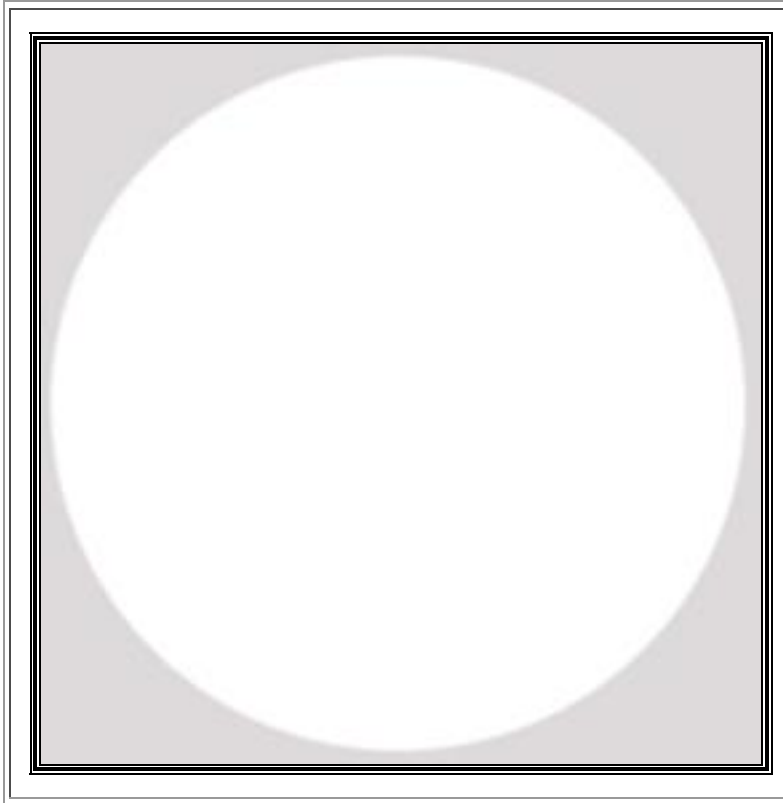
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

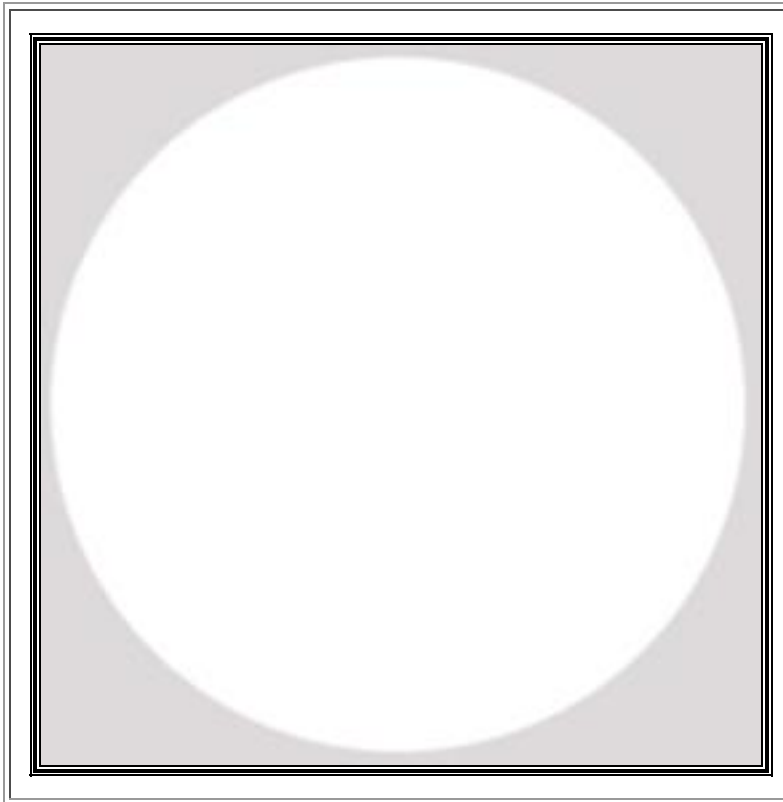
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

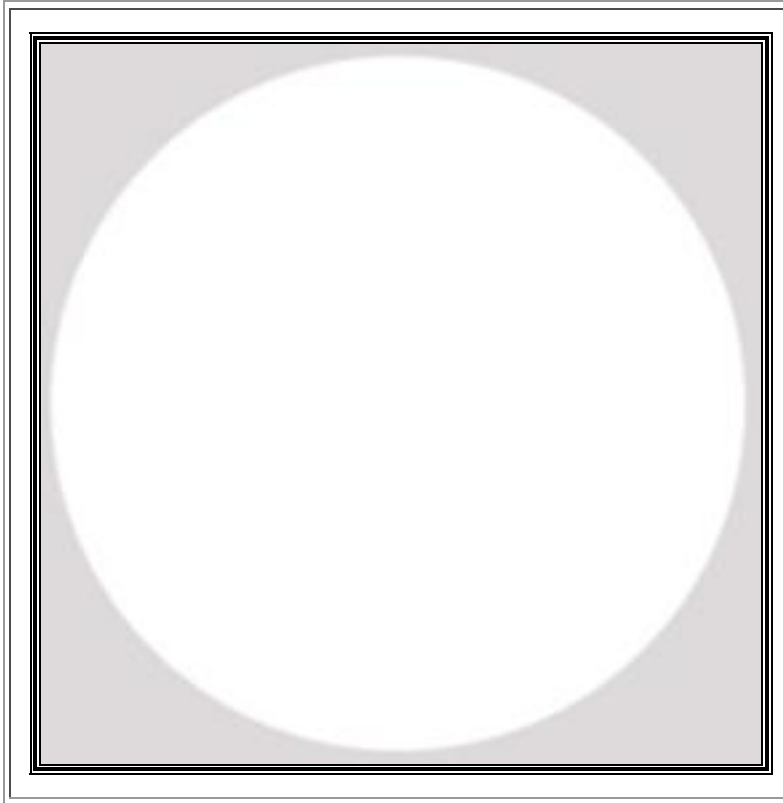
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

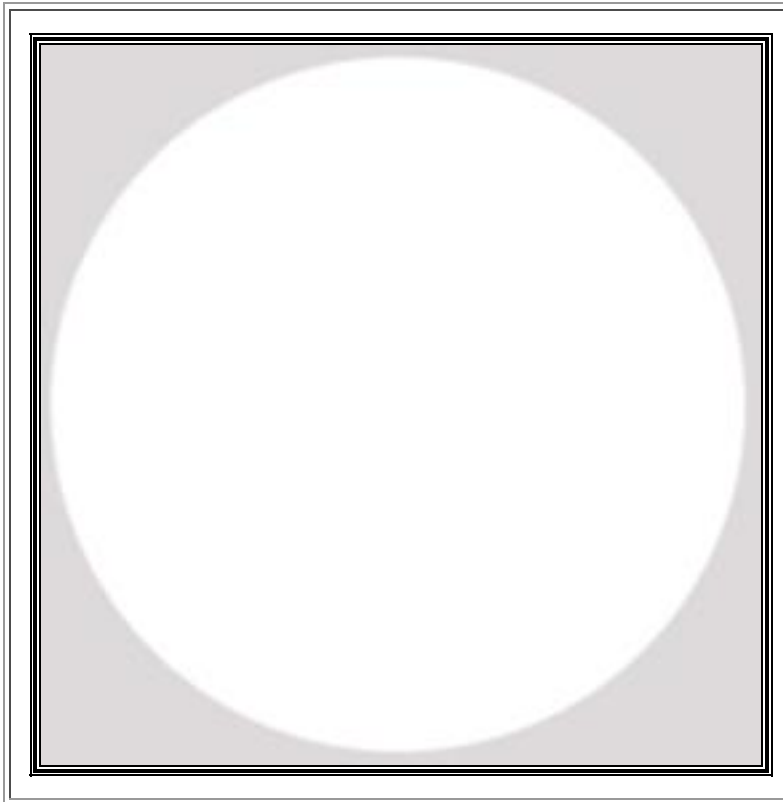
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

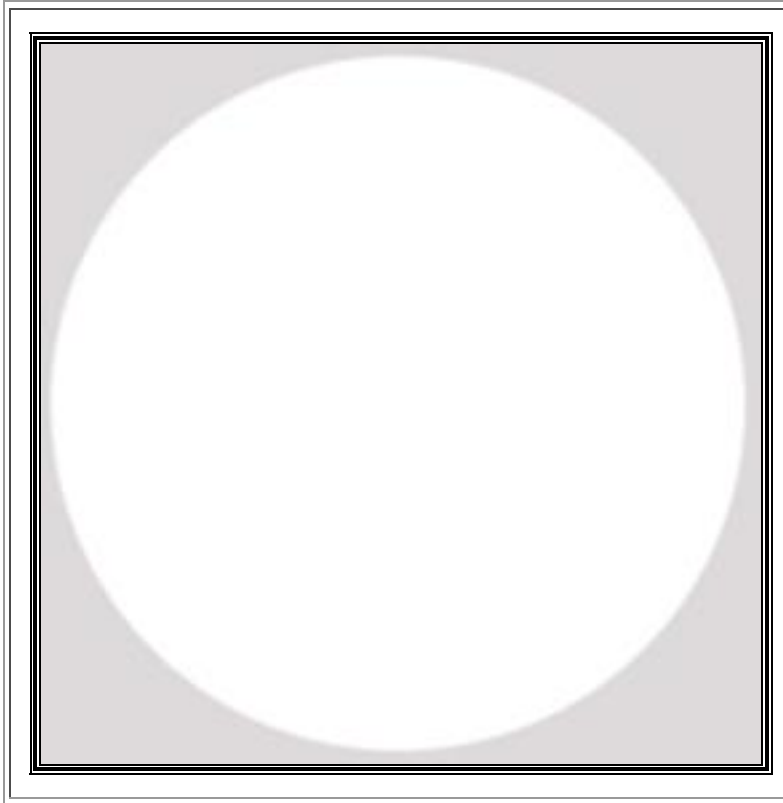
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

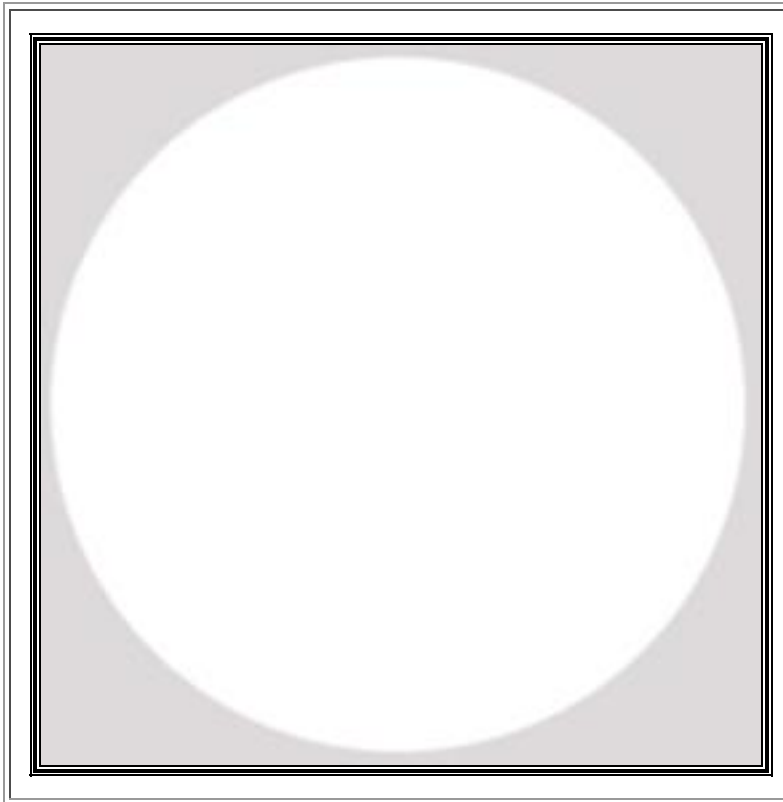
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

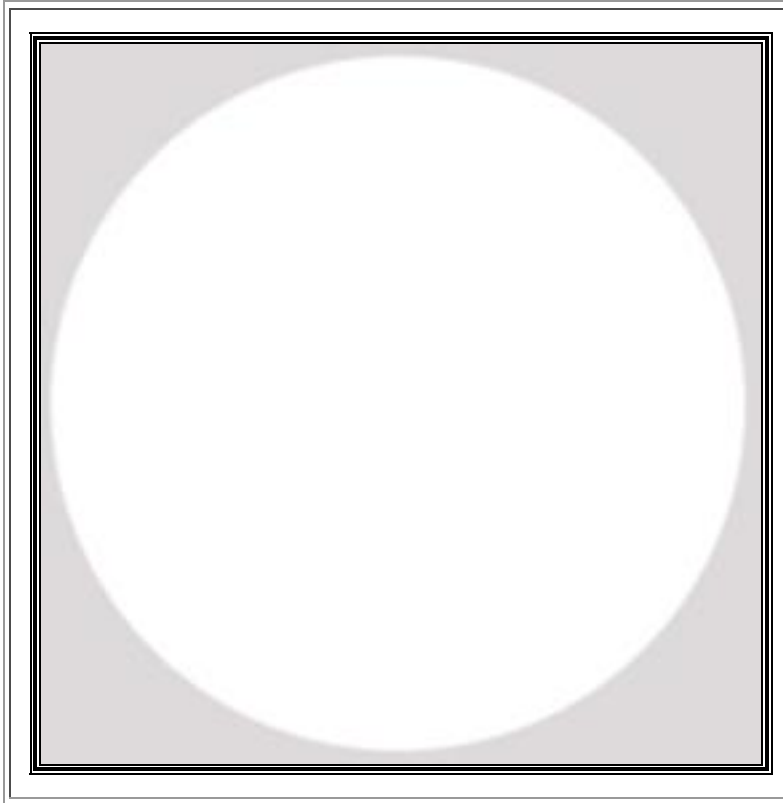
Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

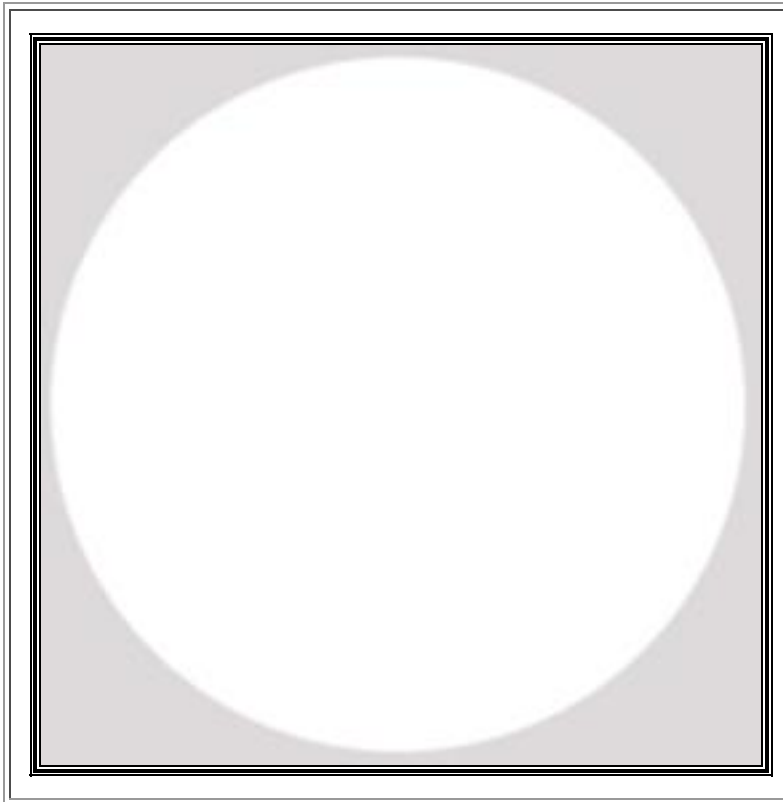
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

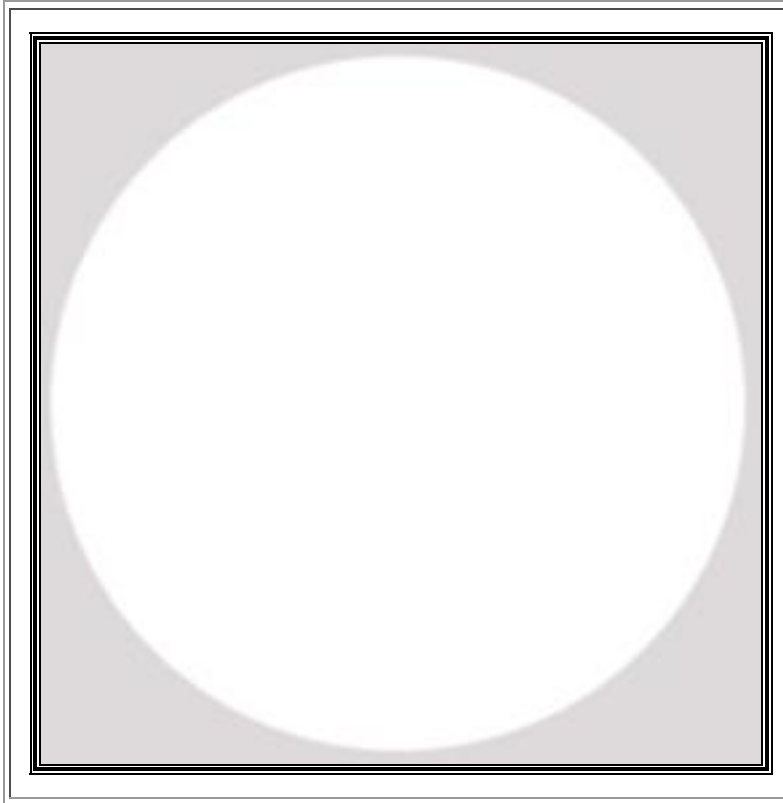
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

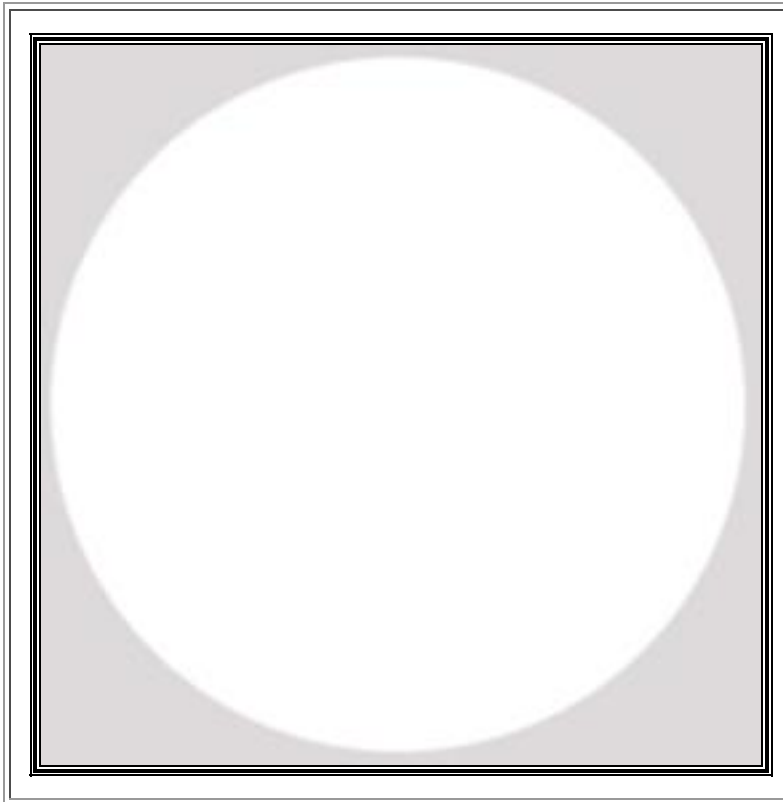
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

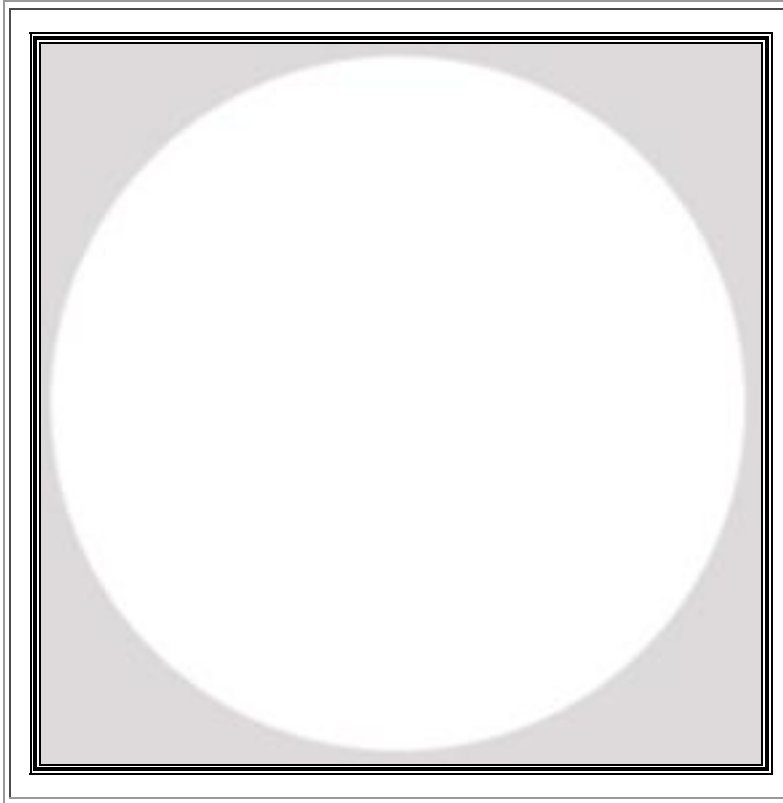
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

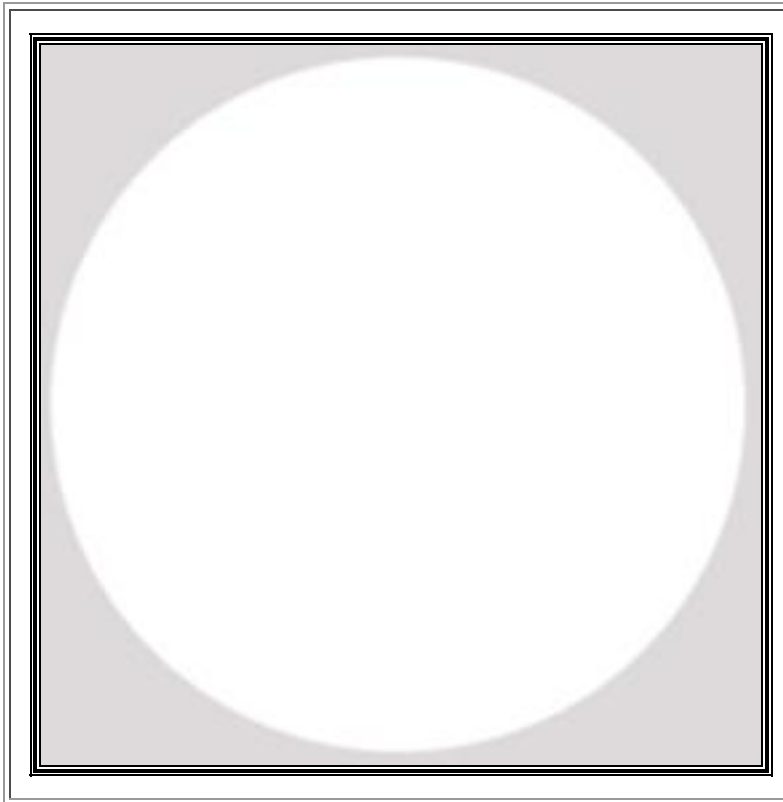
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

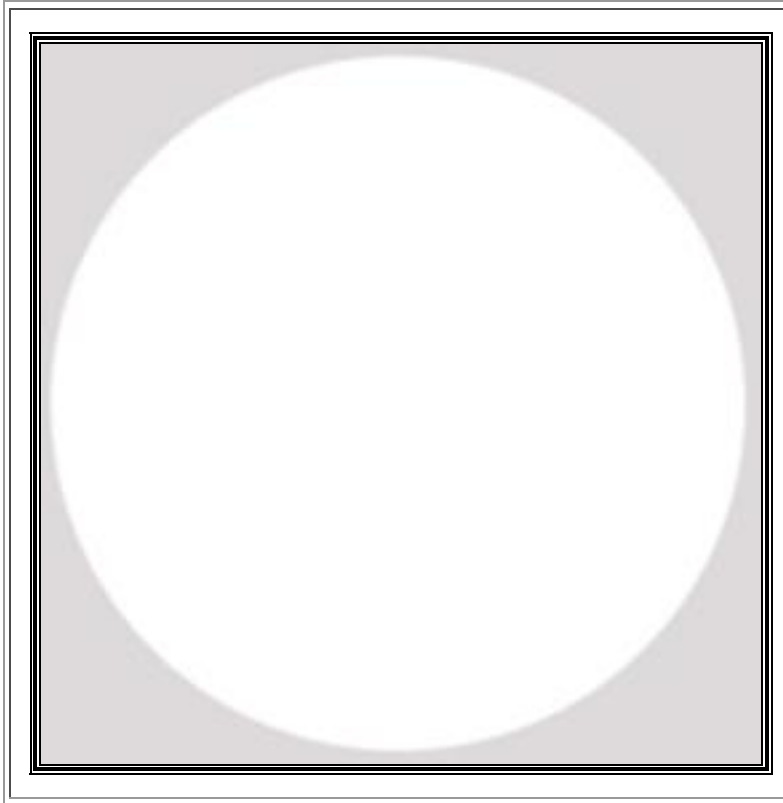
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

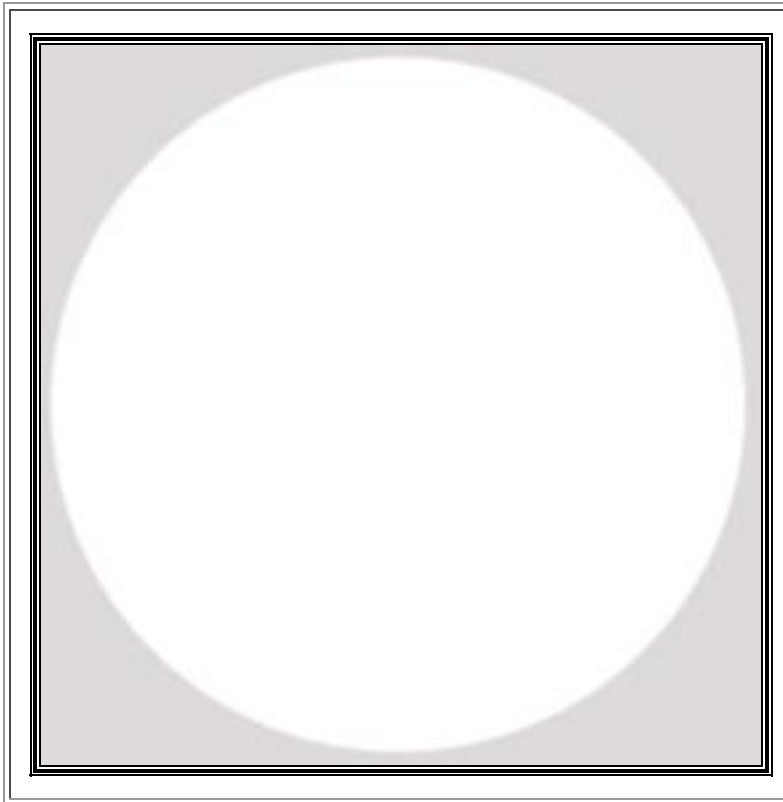
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

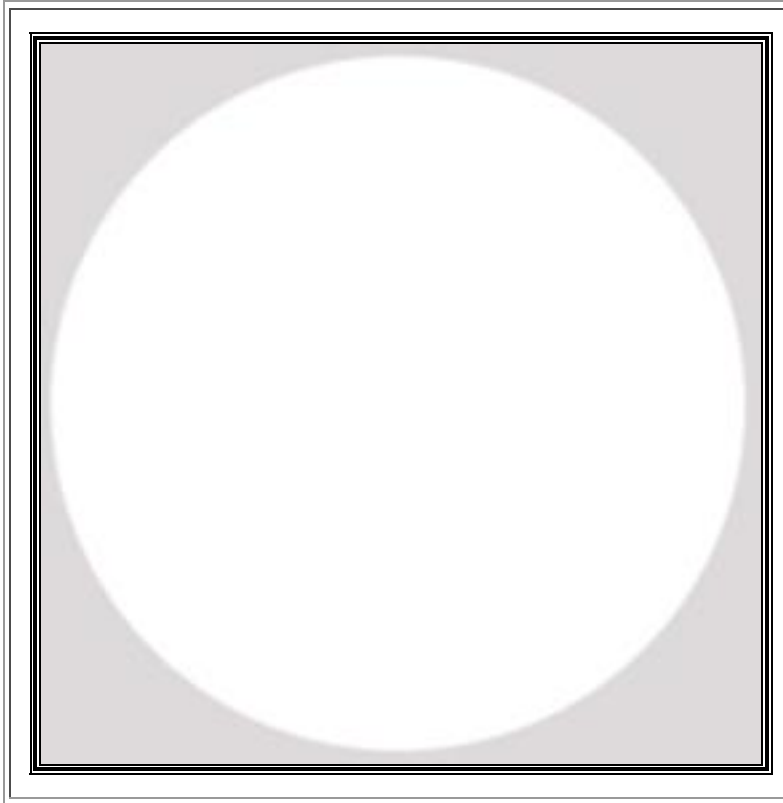
Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes

# Comet Observers Log



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

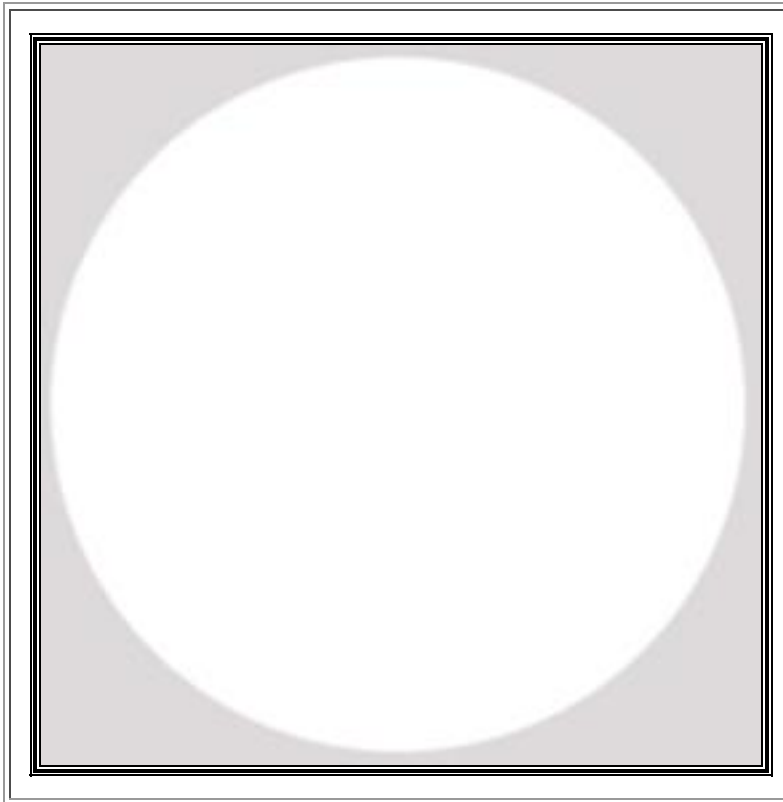
## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes



Comet Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Site: \_\_\_\_\_

Seeing: \_\_\_\_ Trans: \_\_\_\_ Wind: \_\_\_\_ Temp: \_\_\_\_

Equipment: \_\_\_\_\_

Sky Location: \_\_\_\_\_

## Comet Description

Magnitude: \_\_\_\_ Coma Size: \_\_\_\_ Condensation: \_\_\_\_

Tail (s): \_\_\_\_\_ Color: \_\_\_\_\_ Shape: \_\_\_\_\_

Texture: \_\_\_\_\_ Motion: \_\_\_\_\_

## Observing Notes