The Changing Declination

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

Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date of measurements: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lab section time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Angular diameter of the Sun (in degrees) is ~ 0.5

Measurement of the Sun (in cm): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scale factor 1cm = \_\_\_\_\_\_\_\_\_ degrees

Enter measurements of the Solar track lines below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Measurement No. | Solar track line (in cm) | Uncertainty | Solar track line (in degrees) | Uncertainty | Average |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |