

Large-Type Edition

The University of the State of New York
REGENTS HIGH SCHOOL EXAMINATION

PHYSICAL SETTING EARTH SCIENCE

Friday, January 25, 2019 — 9:15 a.m. to 12:15 p.m., only

ANSWER BOOKLET

Student

Teacher

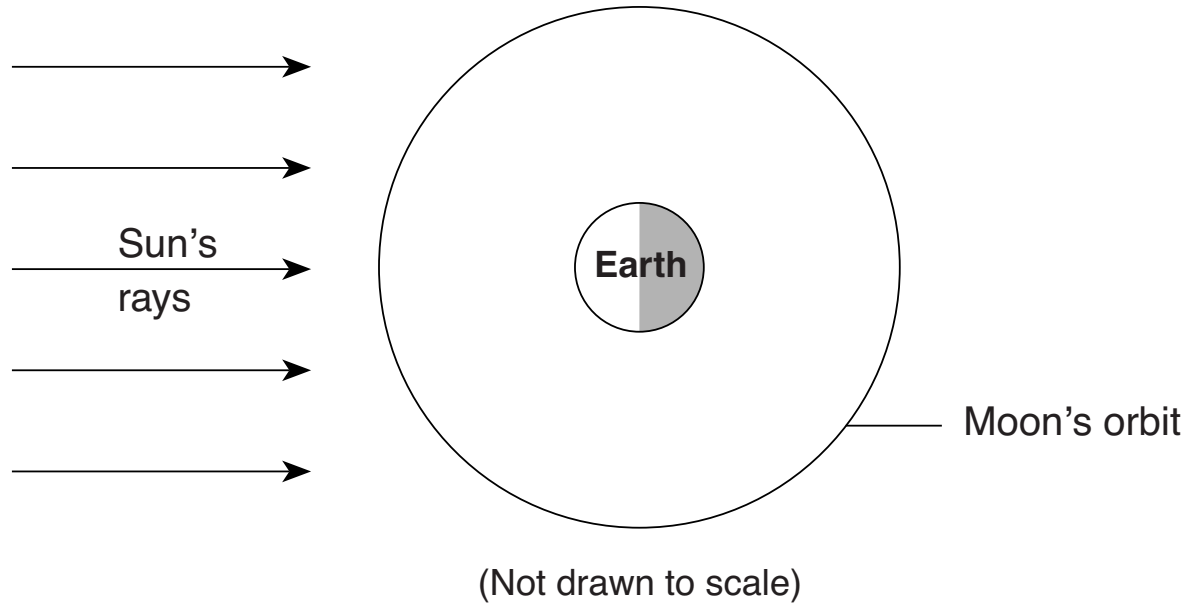
School Grade

Record your answers for Part B–2 and Part C in this booklet.

Part B-2

51

| New York State Location | Total Solar Eclipse Visible |
|--------------------------------|------------------------------------|
| Kingston | |
| Massena | |
| Niagara Falls | |
| Riverhead | |
| Oswego | |



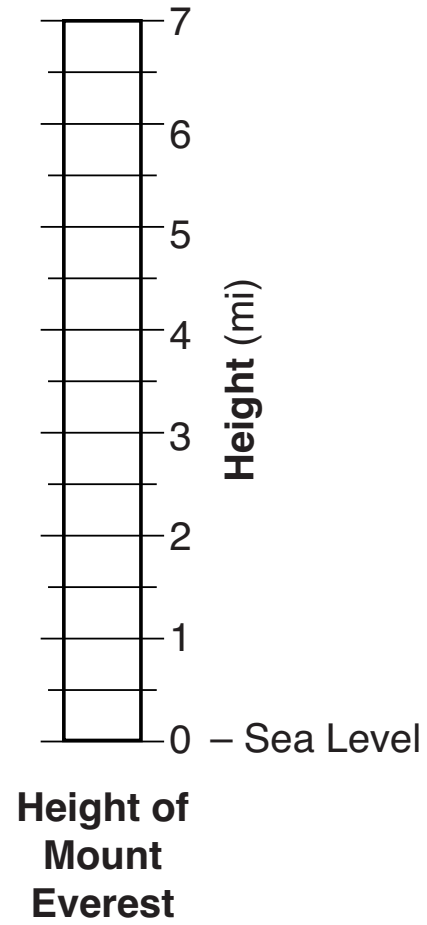
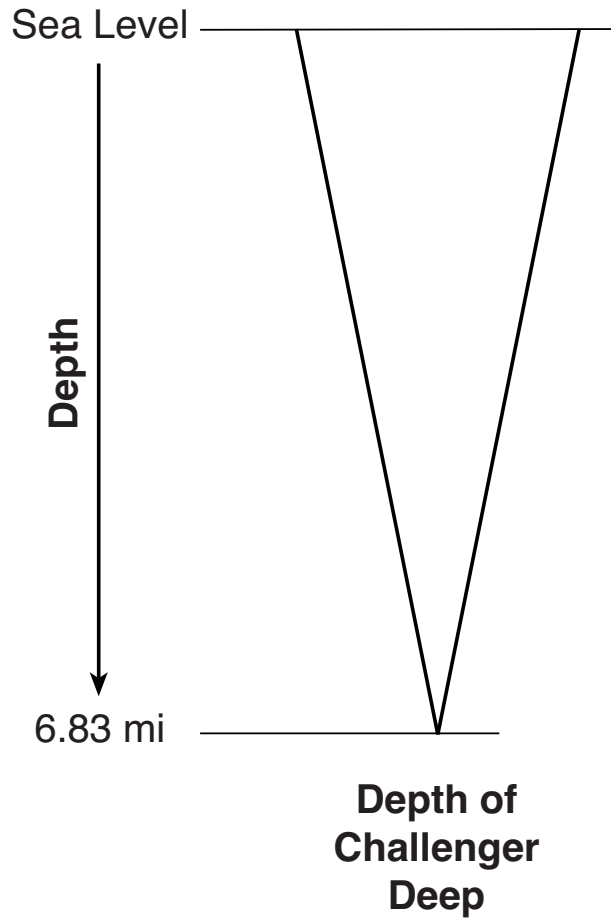
GO RIGHT ON TO THE NEXT PAGE ➡

53 Plate A: _____ **Plate**

Plate *B*: _____ **Plate**

54 _____

55 _____



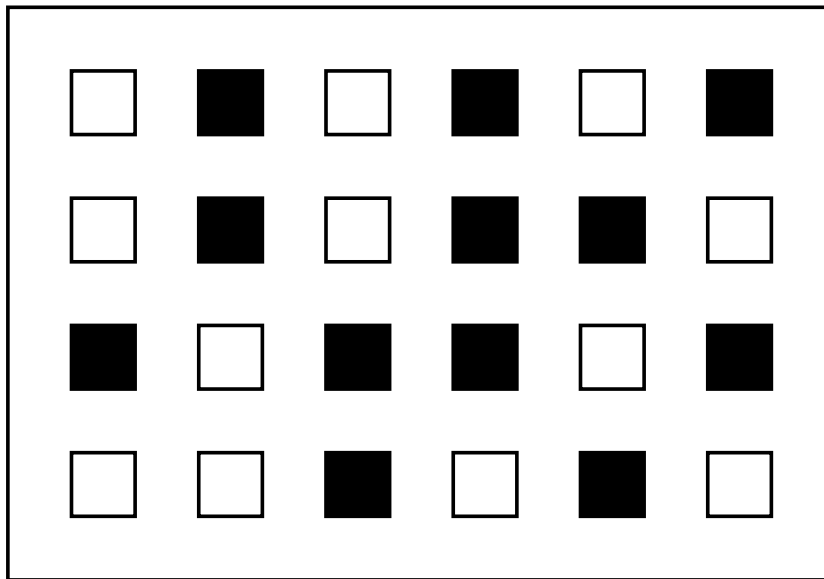
57 _____

58 _____

59 _____

60

Model of Carbon -14 Radioactive Decay



| Key | |
|-----|------------------------|
| □ | Radioactive carbon-14 |
| ■ | Disintegration product |

61 _____

62 _____

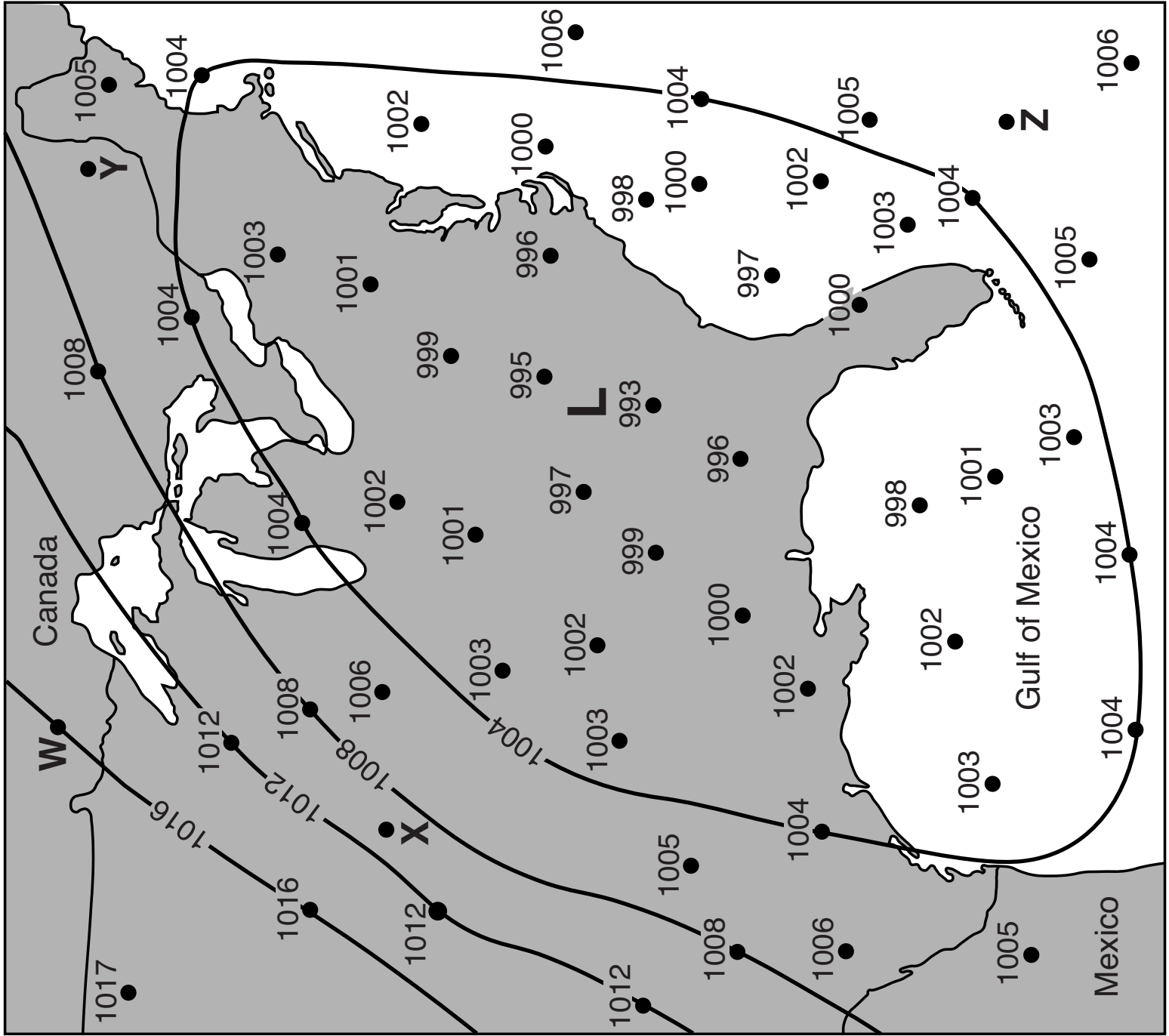
63 _____ m

64 _____ m/km

65 _____

Part C

Air Pressure Field Map



67 Location: _____

Evidence: _____

68 _____

69 Characteristic 1: _____

Characteristic 2: _____

70 _____

71 _____

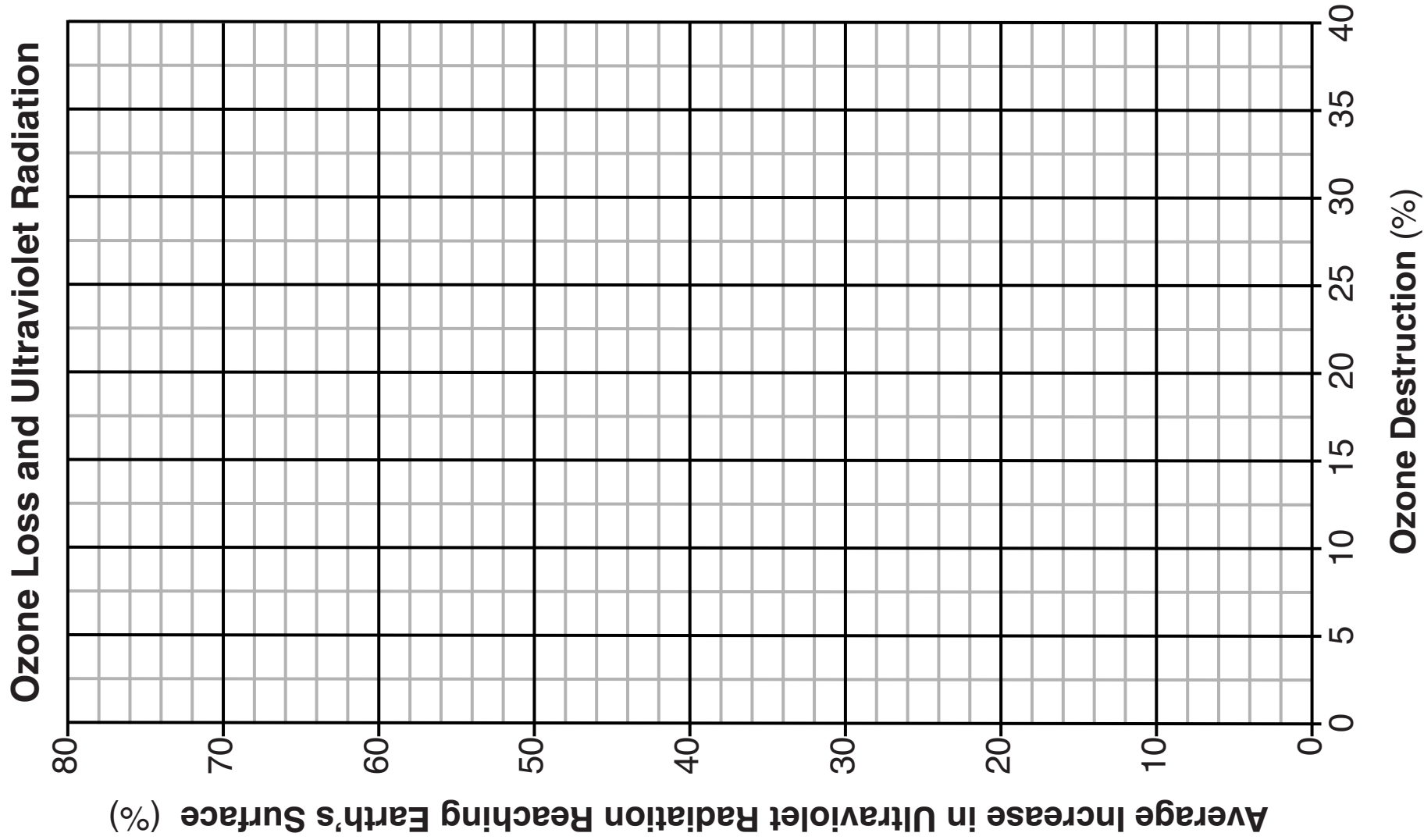
72 _____

73 _____ d

74 Circle one: **Terrestrial Planet** **Jovian Planet**

Explanation: _____

GO RIGHT ON TO THE NEXT PAGE ➡



76 _____ %

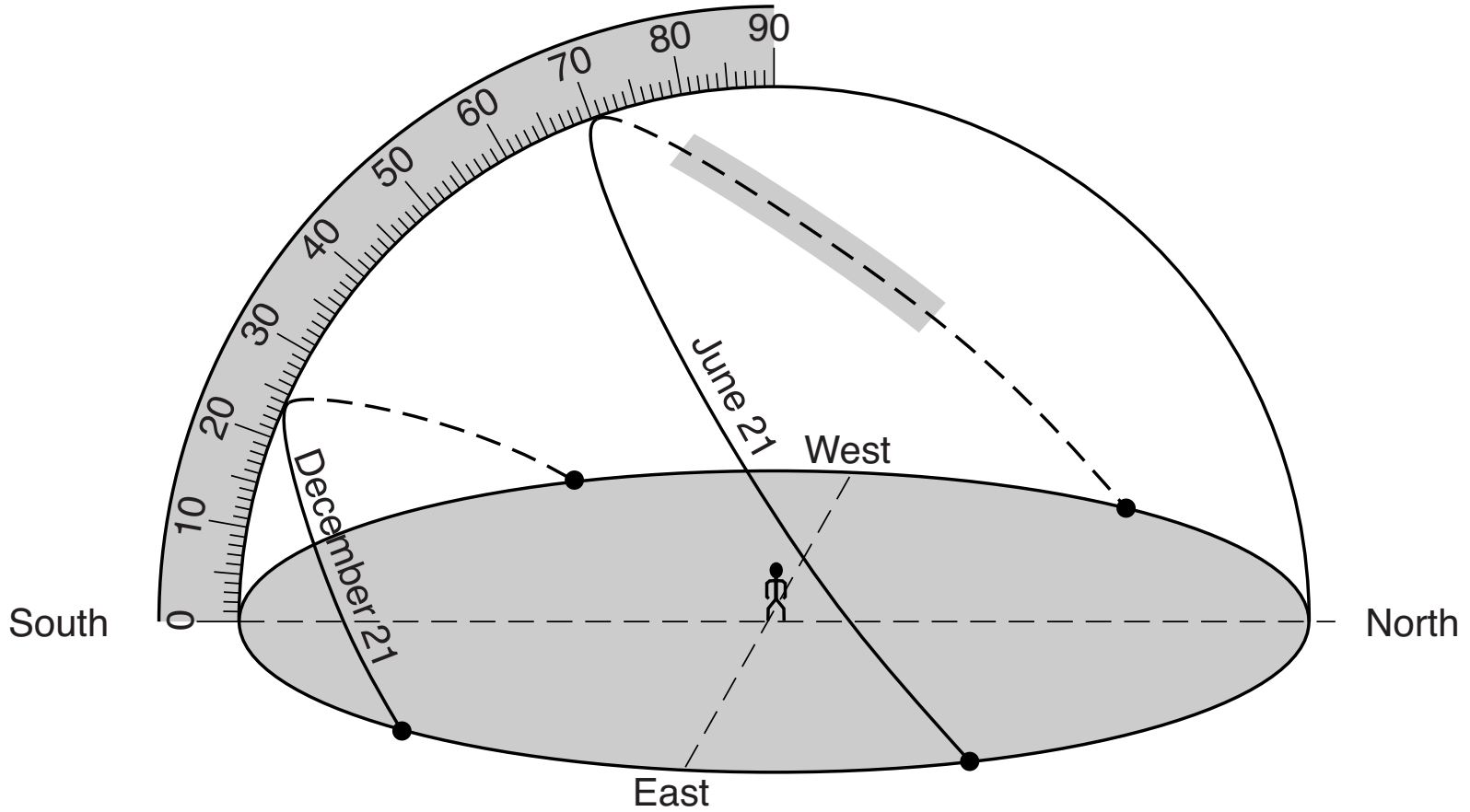
77 _____

78

Wavelength Comparison to Ultraviolet (UV) Radiation

| Type of Electromagnetic Radiation | All Wavelengths Shorter Than UV | All Wavelengths Longer Than UV | Some Wavelengths Shorter and Some Wavelengths the Same as UV |
|--|--|---------------------------------------|---|
| Gamma Rays | | | |
| Microwaves | | | |
| Visible light | | | |
| X rays | | | |

79 _____ and _____



81 December 21: _____
○

June 21: _____
○

82 _____ h

83 _____

84 _____ **Eon**

85 _____ → _____ → _____
Oldest Youngest

