

**PHYSICAL SETTING
EARTH SCIENCE**

Wednesday, August 17, 2022 — 8:30 to 11:30 a.m., only

ANSWER BOOKLET

Student

Teacher

School Grade

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

Part B–2

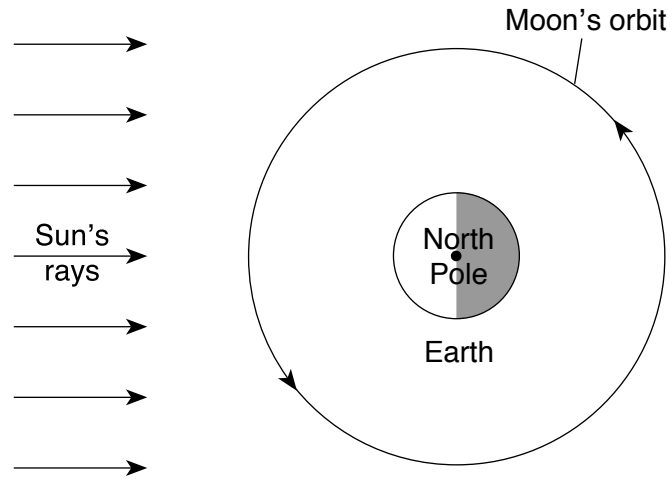
51 _____ **Epoch**

52 _____ **Hot Spot**

53 Interior temperature: _____ °C

Depth: _____ km

54



(Not drawn to scale)

55 _____

56 _____

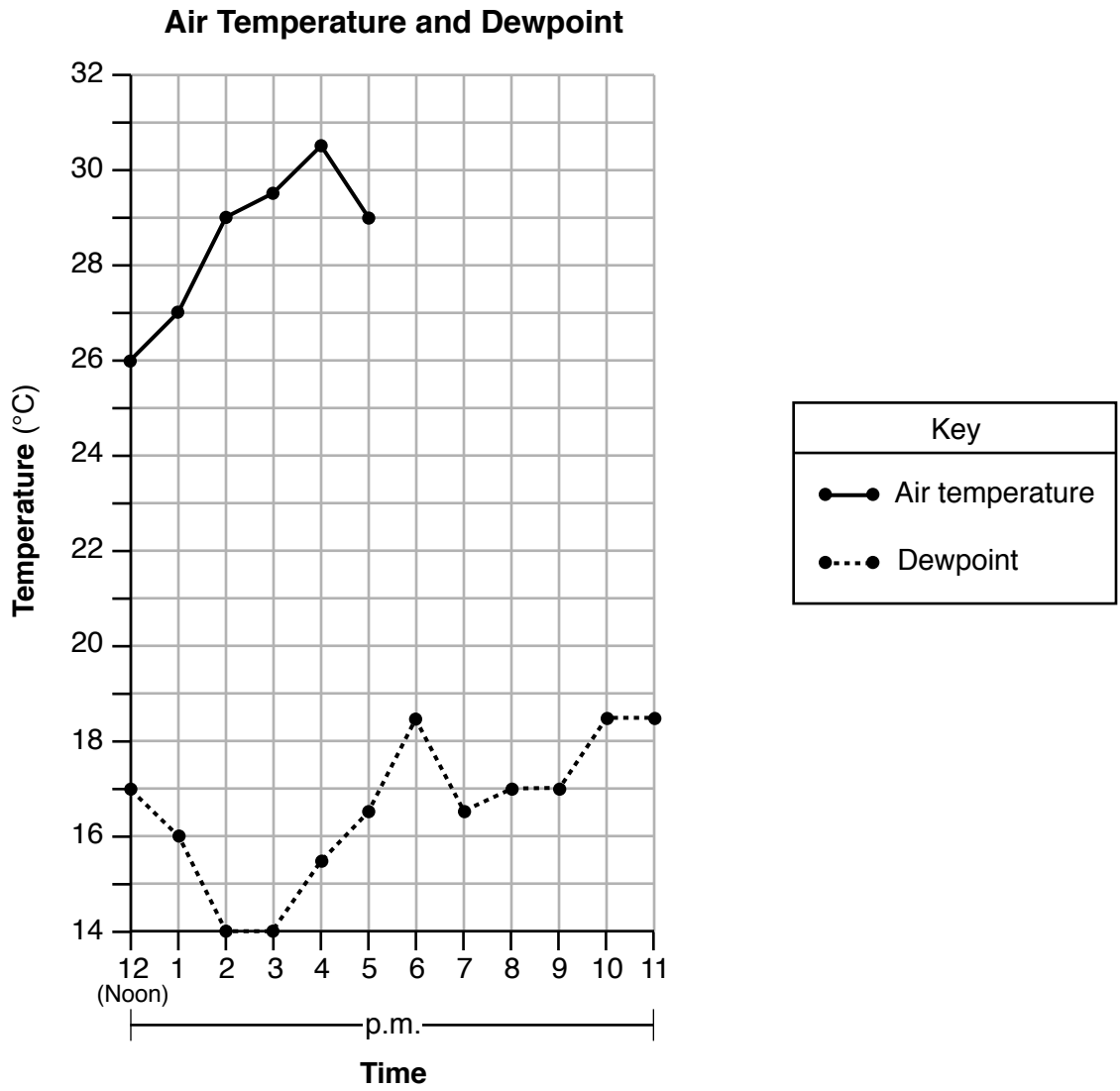
57 _____

58 _____

59 _____

60 _____

61



62 _____ p.m.

Explanation: _____

63 _____

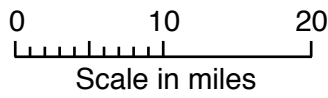
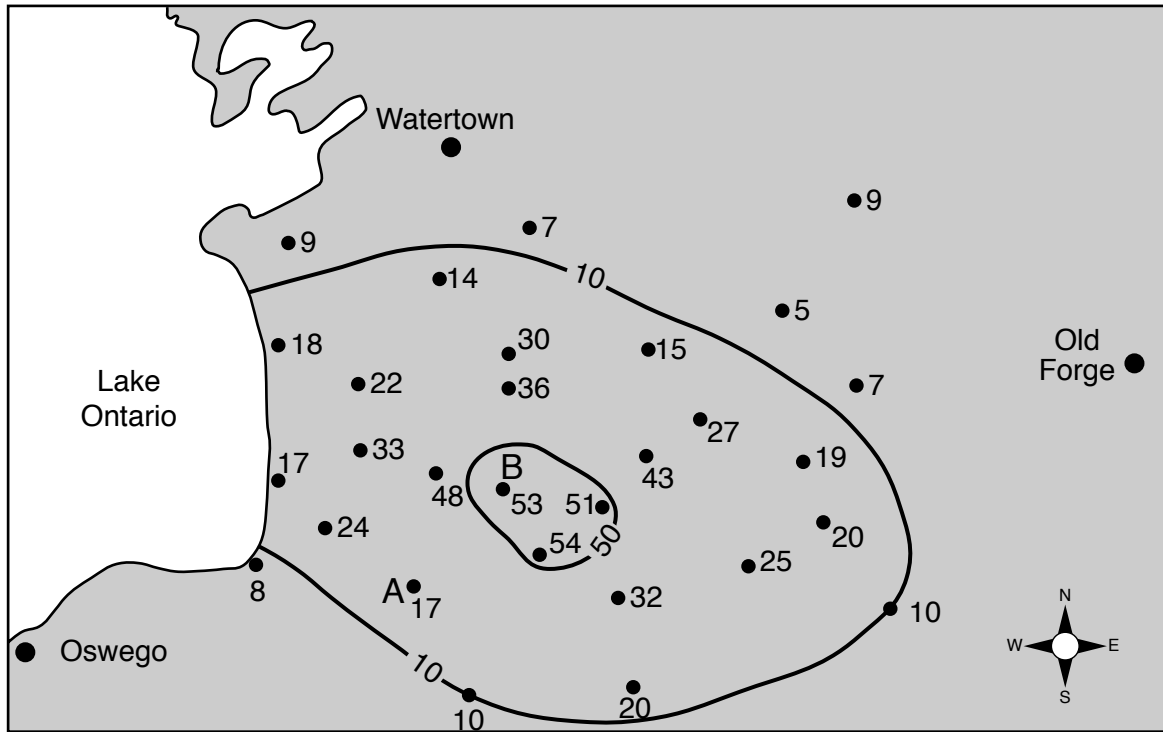
64 _____ cm/s

65 _____

Part C

66

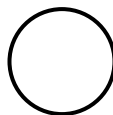
Total Snowfall from February 2-4, 2017



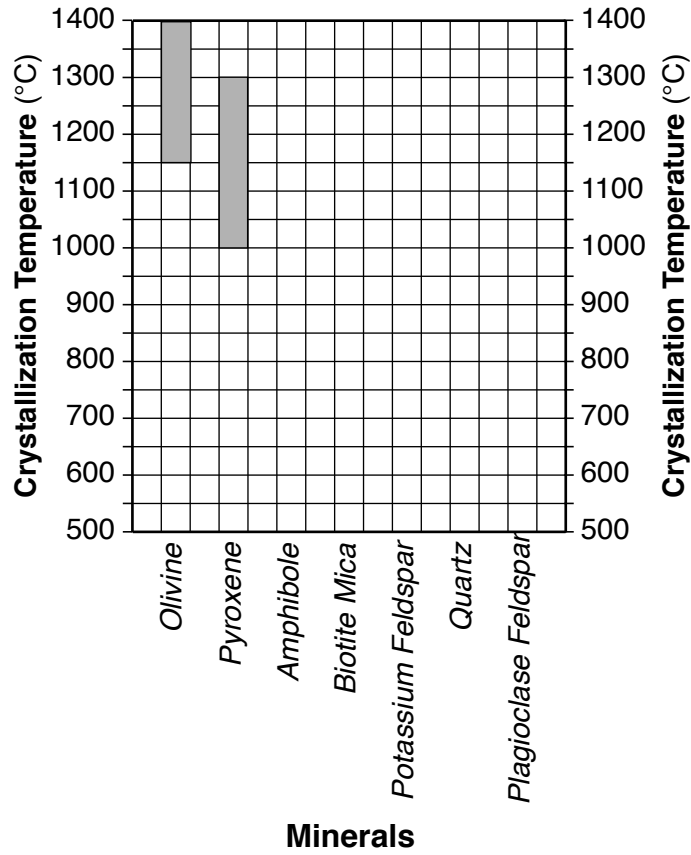
67 _____ in/mi

68 _____

69



**Crystallization Temperatures
of Minerals Commonly
Found in Igneous Rocks**



71 _____

72 _____ and _____

73 Color: _____

Density: _____

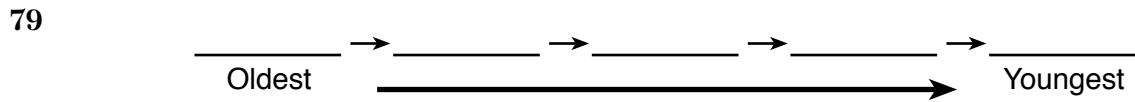
74 _____ **Current**

75 _____

76 _____

77 _____

78 _____



80 _____ **mya**

81 Process: _____

Energy is: _____

82 Rate of runoff: _____

Rate of infiltration: _____

83 _____

84 _____

85 _____

