

New York State Science Olympiad
State Competition - 2007
Welcome to: METEOROLOGY

We wish to express our thanks to Mark Kramer, New York Science Olympiad, for submitting this exam for publication on The Wright Center Website.

The event supervisor will give you instructions.

This event consists of five (5) stations with a time limit of 9 minutes each. Your team will not be allowed to return to a station's questions.

DO NOT WRITE ON OR MARK THE STATION QUESTION SHEETS

All Answers Should Be Written on the Answer Sheets.

The back of the answer sheets can be used if more room is needed to answer a question or as scrap paper.

Your signatures and team # must be written on all pages of the answer sheet.

Your team will be penalized 2 points for missing signatures/team# at the closing bell.

The team may use a four-function calculator and a ruler. ***No resource materials are allowed.***

Your answers must be complete and include units, when appropriate. When asked to support answers, make sure you explain clearly with reasoning. All answers to questions are worth 1 point each.

If you have questions during the event, raise your hand and an event supervisor will come over.

Good Luck!

New York State Science Olympiad - 2007 State Competition

Place _____

METEOROLOGY

Score _____

School Name _____ Team Number _____

Student Signature

&

Student Signature

Station 1

1-1 _____

1-2 _____

1-3 _____ See Figure 1A on page 4 _____

1-4 _____ See Figure 1A on page 4 _____

1-5 _____ See Figure 1A on page 4 _____

1-6 _____ See Figure 1A on page 4 _____

1-7 _____

1-8 _____

1-9 _____

1-10 _____

1-11 _____

1-12 _____

Station 2

2-1 _____

2-2 _____

2-3 _____

2-4 _____

2-5 _____

2-6 _____

2-7 _____

2-8 _____

2-9 _____

2-10 _____

2-11 _____

Station 3

3-1 _____

3-2 _____

3-3 _____

3-4 _____

3-5 _____

3-6 _____

Station 3

3-7 _____

3-8 _____

3-9 _____

3-10 _____

3-11 _____

3-12 _____

3-13 _____

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METEOROLOGY

School Name _____ Team Number _____

_____ & _____
Student Signature Student Signature

Station 4

4-1 _____

4-2 _____

4-3 _____

4-4 _____

4-5 _____

4-6 _____

4-7 _____

4-8 _____

4-9 _____

4-10 _____

4-11 _____

4-12 _____

Station 5

5-1 _____

5-2 _____

5-3 _____

5-4 _____

5-5 _____

5-6 _____

5-7 _____

5-8 _____

5-9 _____

5-10 _____

5-11 _____

METEOROLOGY

School Name _____ Team Number _____

Student Signature

Student Signature

Figure 1A

