



Instructions—Lead Meteorologist

As the Lead Meteorologist, you will:

- Prepare a NOAA Weather Report Form for each advisory.
- Update and maintain the data worksheet for each storm.
- Relay information from your team to the Mission Commander at National Hurricane Center headquarters at the Challenger Learning Center®.
- Update the "status" board or graphic organizer at the front of the classroom.
- Communicate with other Lead Meteorologists in the Storm Prediction Center.
- Analyze and report possible severe weather effects to National Hurricane Center headquarters at the Challenger Learning Center.

Your job as Lead Meteorologist is to keep your team organized and on task as they track tropical storms. You also provide information on your team's work to the Mission Commander at significant points during the mission.

As each new advisory (ADV) is received, you will do the following:

1. Complete the first four columns on the data worksheet (Time, Latitude North, Longitude West, Air Pressure).
2. Pass the data worksheet to the Forecast Specialists.
3. Begin completing the NOAA Weather Report Form:
 - Circle your team name.
 - When the Forecast Specialist classifies the storm, document it on the report form.
 - Work closely with the Forecast Specialist to determine if the storm requires a name. When your Forecast Specialist is ready to name your storm, you must get the attention of all teams so the Forecast Specialist can announce the storm name to all teams. This will prevent a storm name from being used twice.
 - Inform the Mission Commander that you have selected a name for your storm and then update the status board at the front of the room.
 - When the Zone Predictors select three breakpoint areas, document them on the report form AND inform the Mission Commander.
 - Work closely with the ETA Advisors when they are ready to issue advisories or evacuation orders.
 - Encourage discussion among your team of specialists before you deliver your verbal report to the Mission Commander.

Repeat steps 1-3 for each new advisory that is received on your team computer.



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