

# Weather Satellite Short Course Agenda Outline

| Activity                               | Content Description                                                                                                            | Support Materials                                                                                                                    | Estimated Time |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Introduction                           | Introduce speakers. Have participants quickly give their names and what they hope to gain from the course.                     | Handouts: <ul style="list-style-type: none"> <li>Instructor contact information</li> <li>Participant list</li> <li>Slides</li> </ul> | 15 minutes     |
| Short history of satellite meteorology | Provide background on the history of weather satellites                                                                        |                                                                                                                                      | 15 minutes     |
| Orbits and instruments                 | Provide background on the primary orbits that weather satellites are in, and the different instruments on board the satellites | Slides                                                                                                                               | 60 minutes     |
| Lecture                                | Review of weather satellite products, data, and information                                                                    | Slides and handouts                                                                                                                  | 90 minutes     |
| Q&A                                    | Participants review and ask questions weather satellite products                                                               |                                                                                                                                      | 15 minutes     |
| Lunch                                  | Working lunch                                                                                                                  | TBD                                                                                                                                  | 45 minutes     |
| Lecture                                | Interpretation of weather satellite products                                                                                   | Slides and handouts                                                                                                                  | 90 minutes     |
| Q&A                                    | Participants review and ask questions                                                                                          |                                                                                                                                      | 15 minutes     |
| Lecture                                | Introduction to break out session                                                                                              | Share with participants how the breakout session will work                                                                           | 15 minutes     |
| Break Out Session                      | Exercise on interpreting weather satellite data from a use case                                                                | Handouts                                                                                                                             | 45 minutes     |
| Summary and Conclusion                 | Summary of material and participant Q&A                                                                                        |                                                                                                                                      | 15 minutes     |