Morning Agenda – Last update Wednesday June 20, 2007

SAT	SUN	MON	TUES	WED	THUR	FRI	SAT
All day: Teachers arrive and check in at dorms **8:30pm until 1am** Workshop Registration in the Commons Building: Be sure to stop by and pick up a snack and your digital camera! (Paul Jones; Barbara Maggi; & Sue Lini)	**8 am** Breakfast & Introductions at the Commons Building Cafeteria **Immediately after breakfast** Sign up for your choice of Alaska explorations that leave after breakfast (Barb Maggi & Sue Lini) **Lunch** on your own	**7:30-8:30 am** Breakfast Commons Bldg **8:30 am Commons Bldg Classroom Rms. 106/107** Introductions and Logistics **9-10:30 am PMCs** (Astronaut Don Pettit) **10:30 – 10:45am** Break **10:45 – 11am** Big Question – is climate changing? "*On the fence"* activity (Adams) **11 – Noon** EM Spectrum and interactions with the atmosphere Part I & Digital Spectrometer (Adams & Jones) **Noon - 12:30** Lunch Commons Cafeteria	**7:30-8:30 am** Breakfast Commons **8:30am** Morning Messages **9- 10:15 am** Weather & Climate And Ice Core classroom demo (Adams & Jones) **10:15-10:30 am** Break **10:30 – 11am** Site definition and GLOBE website intro with Data entry – (Odell & Jones) **11am – Noon** Atmospheric Protocols Max / Min Temp & calibration process (Odell and Jones) Distinguishing between heat & temp as related to the atmosphere temp changes / classroom investigation ideas (Rogers and Adams) **Noon – 12:30** Lunch Commons Cafeteria	**7:30-8:30 am** Breakfast Commons **8:30am** Morning Messages **9:00 - 10:15am** Special Presentations given by teachers from France, Canada, Mexico, and Puerto Rico **10:15-10:30 am** Break **10:30 – 11:30 am** Science Demonstrations: Understanding the atmosphere and Introduction to Round Robin Science Demonstrations For Friday + Teacher Talk on the S2 Task Material for integrating GLOBE and unit teaching (Adams) **11:30 - Noon** Chlorine Loading (Anderson) **Noon – 12:30** Lunch Commons Cafeteria	**5:30 am Until?** All DAY FIELD TRIP to *Kenai Fjords National Park* Meet in the Commons at 5:30 am. We will carpool to train in downtown Anchorage. Once we reach Seward we will travel by boat. Bring your cameras. We will collect images of clouds and ecosystems for use in your classroom. Geo-ref the images for use in Google Earth or NASA World Wind **Breakfast** available for purchase on train **Lunch** A luncheon will be provided by the workshop while onboard the boat	**7:30-8:30 am** Breakfast Commons **8:30am** Morning Messages **9am – 10:30 am** Sun Photometer Protocol & photometer attenuation – activity (Adams) **10:30-10:45am** Break **10:45 – Noon** Summary Talk: Climate Change – Evidence and the Role of Studying the Earth (Adams) **Noon – 12:30** Lunch Commons Cafeteria	**7:30- 8:30 am** Breakfast Commons **8:30 – 9am** Morning Messages **9am-10:30** Teacher presentations **10:30-10:45am** break **10:45-Noon** Continued teacher presentations **Noon – 12:30** Final Comments; checks; raffle; evaluation (Robinson, Maggi, Lini) **Workshop Ends at 12:30**

Afternoon Agenda – Last update Wednesday June 20, 2007

SAT	SUN	MON	TUES	WED	THUR	FRI	SAT
	6 – 9 pm Dinner: in Commons building 6PM-9PM DRESS very casual	**12:30 – 1:30pm** CloudSat (Rogers) **1:30 – 2:30pm** Electromagnetic Spectrum II & Investigations – (Adams & Jones) **2:30 – 2:45pm** Break and snack **2:45 – 3:30 pm** AIM Mission (AIM Principal Investigator James M. Russell III) **3:30 – 4pm** AIM Movie & Questions (AIM Deputy Principal Investigator Scott Bailey) **4 – 5pm** *Earth as a System* GLOBE Poster Activity & *What is GLOBE* a Short Video 5-10min (Odell & Jones) Dinner on your own	**12:30 – 1:45 pm** Precipitation and pH protocol (Odell & Jones) What is pH & use of red cabbage (Adams) **1:45-3:30pm** Relative humidity (Odell & Jones) The science of relative humidity (Rogers) Science investigation on relative humidity (Adams) **3:30-3:45pm** Break & Snack **3:45 – 4:40 pm** Water cycle and Cloud Physics (Rogers) **4:40-5pm** Explaining the differences of NLCs (Russell & Bailey) Dinner on your own	**12:30 – 1:45 pm** GLOBE Cloud Protocol (Odell & Jones) **1:45-3:30pm** CloudSat Network / Sky & Cloud photography (Rogers) **3:30-3:45 pm** Break & Snack **3:45 – 4:30 pm** Google Earth + GPS - aka Vernier Software + Georef the field trip images from your camera (Adams & Rogers) **4:30 – 5pm** Intro to the Classroom Application Project in preparation for Friday (Adams & Odell) Dinner on your own	**All DAY FIELD TRIP continued to Kenai Fjords National Park** Dinner available for purchase on train	**12:30 – 2pm** Atmospheric round robin activities – participant led demos (5 to 8 min each) **2pm – 3pm** Develop a local investigation using data to answer a question – using the GLOBE research format, Satellite Data, Mission Websites, etc. correlated to National or State Standards. TEACHERS MUST BE READY TO PRESENT ON SATURDAY **3pm-3:15 pm** Break & Snack **3:15pm- 5pm** Continued Investigations Dinner: Pizza & Beverages (place to be announced)	