

* **jeff** joins My room

12/12/2006 15:24:01 <**lisa**> For david and carl, hank is the individual who developed the spatial sci website

12/12/2006 15:24:02 <**carl**> looking forward to break!

12/12/2006 15:24:20 <**Randy-Eval**> i'll be in and out - hope that is ok

12/12/2006 15:24:37 <**lisa**> of course randy

12/12/2006 15:25:06 <**David**> I am doing fine but still having computer problems - glad I can chat

12/12/2006 15:25:17 * Tim Mosbacher joins My room

12/12/2006 15:25:23 <**lisa**> hi tim!

12/12/2006 15:25:32 <**Tim Mosbacher**> Hello all

12/12/2006 15:25:32 * Dean joins My room

12/12/2006 15:25:40 <**lisa**> hi dean!

12/12/2006 15:25:46 <**jeff**> Hello folks

12/12/2006 15:26:14 <**rachel**> 🍷

12/12/2006 15:26:17 <**Dean**> Hey Lisa and **jeff**

12/12/2006 15:26:22 <**jeff**> Hello Dean

12/12/2006 15:26:33 <**carl**> hi **jeff** did you make it to griz game?

12/12/2006 15:26:40 <**Dean**> Hey Rachel... didn't see you there

12/12/2006 15:26:57 <**jeff**> Yep, I was there. Not quite good enough this time.

12/12/2006 15:27:08 <**lisa**> i'm trying out this color

12/12/2006 15:27:10 <**rachel**> Pink is the new black

12/12/2006 15:27:24 <**Randy-Eval**> dean - you must have made it home safe on saturday!

12/12/2006 15:27:32 <**lisa**> i think it's too hard to read

12/12/2006 15:27:48 <**Dean**> Hey Randy... Yeah a little freezing rain.

12/12/2006 15:28:13 <**Randy-Eval**> just rain for me going over the hill

12/12/2006 15:28:26 <**Tim Mosbacher**> Mike just got blocked at the school so has to drive home

12/12/2006 15:28:31 <**Dean**> That's good

12/12/2006 15:28:46 <**Randy-Eval**> 🍷

12/12/2006 15:28:57 <**jeff**> The firewall blocked him?

12/12/2006 15:29:05 <**carl**> dean-did you get much fire work this summer?

12/12/2006 15:29:05 <**Tim Mosbacher**> Yes

12/12/2006 15:29:09 <**lisa**> thanks tim, that's too bad

12/12/2006 15:29:30 <**Dean**> Carl--Yeah I played in Nevada and Southern Cal

12/12/2006 15:29:35 <**hank**> That's strange.. it's just port 80 traffic

12/12/2006 15:29:36 <**Tim Mosbacher**> Kids could view porn this week, but Mike is shut out of professional development!

12/12/2006 15:29:53 <**lisa**> LOL\

12/12/2006 15:30:01 <**Dean**> nice

12/12/2006 15:30:05 <carl> I did get 25 days in throughout the state
12/12/2006 15:30:33 <Dean> cool ...
12/12/2006 15:30:49 <lisa> while we wait for everyone to join us, can those of us who are here talk about how you have or plan to spend your 500 classroom grant?
12/12/2006 15:31:33 <Tim Mosbacher> Mike and I have bought a textbook and might go to the ESRI conference in San Diego
12/12/2006 15:31:54 <David> I am undecided how I will spend the \$500.
12/12/2006 15:31:54 <lisa> thanks tim, dean what software did you decide to buy?
12/12/2006 15:32:08 <carl> I have spent most of mine already- I purchased the ARCGIS book and tutorial and bought 4 GPS units
12/12/2006 15:32:18 <lisa> do you have any ideas, david about how you might want to spend your money?
12/12/2006 15:32:39 <David> None yet
12/12/2006 15:32:45 <lisa> which arcgis book, carl, was it the tutorial
12/12/2006 15:32:58 <Dean> I am looking at purchasing the Pharoes GPS for the Ipaq hx2750 that will run through the compact card as opposed to the bluetooth that sucks..
12/12/2006 15:33:19 <carl> it was the workbook that goes with ARCVIEW 9.
12/12/2006 15:34:15 <lisa> have any of you held a teacher inservice - tim did you and mike have one this fall?
12/12/2006 15:34:21 <lisa> thanks carl
12/12/2006 15:34:35 <Dean> Lisa--ESRI came through for me with the software..
12/12/2006 15:34:36 <lisa> thanks dean
12/12/2006 15:34:56 <Tim Mosbacher> We did not. We have been discussing having one. We also might do something with the schoolboard
12/12/2006 15:35:08 <lisa> really??? that's great dean
12/12/2006 15:35:29 <Dean> yep
12/12/2006 15:35:36 <Randy-Eval> dean "knows" people...
12/12/2006 15:35:36 <lisa> the school board is a great idea - i think mike dropped off GTEC newsletters for them
12/12/2006 15:35:44 <jeff> Dean, I have a bluetooth GPS that works great. It may be the specific brand you purchased
12/12/2006 15:35:46 <carl> I brought our tech coordinator in and have gone through the basic program with him. He also came in when jeff did his on site visit
12/12/2006 15:35:47 <Dean> lol
12/12/2006 15:35:46 <David> I have not yet held a teacher inervice but would like to get together with a teacher in Savage that is using GIS

12/12/2006 15:36:13 * lisa quit (timeout)

12/12/2006 15:36:20 <Dean> I will call you on Thursday **jeff** and pick your brain..

12/12/2006 15:36:31 <David> So Lisa does not like us any more??

12/12/2006 15:36:49 <Dean> She was sent to Timeout

12/12/2006 15:37:06 <jeff> Dean sounds good, you may want to wait until next week, after finals

12/12/2006 15:37:04 <lisa> no lisa was trying a new function that obviously doesn't work

12/12/2006 15:37:08 <David> These bad girl! 😊

12/12/2006 15:37:20 <lisa> very funny david

12/12/2006 15:37:24 <carl> I guess she will have to get a refocus card!

12/12/2006 15:37:32 <Dean> Jeff--ok

12/12/2006 15:37:58 <jeff> Carl, did you get to check out the camtasia?

12/12/2006 15:38:14 <lisa> you are all very funny

12/12/2006 15:39:17 <lisa> jeff, do you want to tell everyone about the camtasi?

12/12/2006 15:39:28 <carl> Yes, I got to look it over but I'm waiting until next week to run it through with my class. Scott(old student) will be back on break and i'm going to have him assist.

12/12/2006 15:39:33 <lisa> that is camtasia i mean

12/12/2006 15:40:43 * jennifer joins My room

12/12/2006 15:40:52 <lisa> welcome jennifer!

12/12/2006 15:41:07 <lisa> we've just been talking about how everyone has been spending their 500 classroom grant

12/12/2006 15:41:11 <jeff> Hello Jennifer

12/12/2006 15:41:21 <lisa> have you spent yours yet or do you have any plans?

12/12/2006 15:41:24 <jennifer> hi, I'm having computer issues so if I go away, I'll just restart and come back in

12/12/2006 15:41:56 <lisa> no worries, i got kicked out already for bad behavior

12/12/2006 15:41:57 <jennifer> no, not yet, I'd like to buy GPS's

12/12/2006 15:42:12 <jennifer> lol

12/12/2006 15:42:14 <lisa> how many, do you have specific kinds?

12/12/2006 15:42:24 <jennifer> what, we have to behave here?

12/12/2006 15:43:10 <jennifer> I have taught Garmin XL's forever. I was all ready to purchase a couple and found out that they're obsolete

12/12/2006 15:43:30 <jennifer> the golden triangle has a classroom set that I'm trying to talk them out of

12/12/2006 15:43:49 <David> Jennifer you might try ebay

12/12/2006 15:43:53 <jennifer> sofar, I've convinced them to make my classroom their home site

12/12/2006 15:44:09 <jennifer> then people will check them out from me.

12/12/2006 15:44:15 <lisa> that's great news jennifer

12/12/2006 15:44:20 <carl> I purchased four just like the ones we had at the class-they were cheap from walmart and they sent the usb hookup also.

12/12/2006 15:44:24 <jennifer> so, I'm good..... anyone want my \$500???

12/12/2006 15:44:45 <Dean> lol

12/12/2006 15:44:45 <rachel> DIBS!!

12/12/2006 15:45:47 <jeff> Jennifer all you have to do is convince jere and they are yours

12/12/2006 15:46:57 <lisa> hey everyone, one of the other items we wanted to start our conversation with was how your GIS teaching units are going

12/12/2006 15:47:13 <lisa> tim i know yours is done, how about everyone else?

12/12/2006 15:47:17 <jennifer> seriously, I'm trying to convince her that GTC needs to be on the cutting edge and showing up with those old Garmins is like pulling up to the country club in a VW van

12/12/2006 15:48:02 <lisa> what kinds of support do you still find you are needing to complete your projects?

12/12/2006 15:48:51 <lisa> we also wanted to know how you have found the help desk . . .

12/12/2006 15:49:01 <David> I have not yet started. Computer problems! Windows gets very mad when you run low on hard drive space. Ended up deleting all of the GIS programs and data. Thought I had the data parked on a different drive but!!#*! Looks like I am getting the computer problems under control so will start working again.

12/12/2006 15:49:06 <carl> I started with the basics and my kids really liked it... we are working on the camtasia project with jeff and are looking forward to the snow project. I'm not sure if my kids are ready for geodatabasing yet.

12/12/2006 15:49:17 * Mariann joins My room

12/12/2006 15:49:41 <lisa> mariann - great to see you!

12/12/2006 15:49:56 <Mariann> Hi, I had some difficulty signing in. I had to run home. Our firewall must be configured to not allow chats

12/12/2006 15:50:09 <jennifer> I've run into a couple roadblocks that are typical of working with Jr. High kids. I

12/12/2006 15:50:10 <lisa> we have been catching up with each other, talking about plans for how to use the 500 classroom grant - have you spent yours yet

12/12/2006 15:50:24 <lisa> mike had to run home to mariann so it seems you are not alone

12/12/2006 15:50:53 <carl> we are also doing a tech night for the public in March... the admin wants to run a tech levy so my students will be presenting projects.

12/12/2006 15:50:56 <lisa> which ones jennifer?

12/12/2006 15:50:56 <Mariann> I bought a Palm handheld and some memory. I am getting ready to buy ArcPad for it

12/12/2006 15:51:03 <lisa> carl, the tech night sounds great

12/12/2006 15:51:14 <lisa> what will you showcase?

12/12/2006 15:51:34 <lisa> david, that sounds very frustrating but glad to hear it seems to be working out???

12/12/2006 15:52:00 <jeff> Mariann, remember ArcPad will only run on Windows CE and not the Palm software

12/12/2006 15:52:10 <Mariann> I have been going insane trying to get my student lesson done however. Between all out war to get access to computers (English teachers seem to think they have priority) and having the network down, I have only had 1.5 days on the computer since October

12/12/2006 15:52:18 <carl> I would like to do something with the local snowpack data sets and let the kids run with ARC mapping.

12/12/2006 15:52:57 <Mariann> AAAARRRRRRGGGGHHHH. I guess the science club will buy the Palm and I will be purchasing a Windows CE handheld

12/12/2006 15:53:04 <lisa> that's a great idea, carl, when we get to talking about the GIS competition you will see that the focus is the montana snowpack so these two may work well together

12/12/2006 15:53:09 * Bill Lee joins My room

12/12/2006 15:53:24 * Dean quit (timeout)

12/12/2006 15:53:36 <jeff> Let me know if you need some advice on what to purchase

12/12/2006 15:53:38 <Mariann> Is there any sort of non-mountain snowpack data

12/12/2006 15:53:47 <lisa> welcome bill! bill is from cohort two. i asked them to join us for the part of the chat where we share camtasia and the gis competition

12/12/2006 15:53:53 <Mariann> Jeff-- I need advice

12/12/2006 15:54:03 <Bill Lee> Yo

12/12/2006 15:54:11 <jeff> Hello Bill

12/12/2006 15:54:18 <lisa> snotel sites are located all across montana but we are running a specific check for your area now mariann

12/12/2006 15:54:17 <Mariann> Hi Bill-- Missed you at MEA

12/12/2006 15:54:32 <Bill Lee> Nice to see some names I recognize (specially at my age)

12/12/2006 15:54:34 <lisa> no, they are not any near you mariann

12/12/2006 15:54:52 * Dean quit (timeout)

12/12/2006 15:54:56 <Mariann> We don't usually have a "level" The snow falls here and lands in ND.

12/12/2006 15:55:06 <Dean> Lisa--We finally appear to have some City and State specific data on lung abnormalities coming from the ATSDR, and the EPA throughout the nation. I am not sure what other attributes will be attached to it, but we are confident we are making forward progress with the bureaucracy.

12/12/2006 15:55:15 <Mariann> We have had snowcover since October, however, with no end in sight

12/12/2006 15:55:35 * Dean quit (timeout)

12/12/2006 15:55:37 <rachel> There are many fewer SNOTEL sites in eastern Montana compared with western Montana - but national weather service stations often report snow depth or snow water equivalence.

12/12/2006 15:55:46 <Bill Lee> There may be a snowtell site on the south side of the Fred Robinson bridge. Seems like I may have seen one.

12/12/2006 15:55:54 <Dean> Took too long to find out how to spell bureaucracy...

12/12/2006 15:56:15 <lisa> great news dean, i'm lol at the moment again

12/12/2006 15:56:16 <carl> can my students find good enough data to determine if ski areas are seeing any trends?

12/12/2006 15:56:14 <Mariann> Great, Dean, We have the county data for cancer from 1995 to 2004. It includes specific kinds of cancer (including lung) if that would help you

12/12/2006 15:56:45 <rachel> The 2 closest SNOTEL sites to Opheim are Havre and Sidney - not ideal.

12/12/2006 15:56:55 <Dean> We love data

12/12/2006 15:57:17 <lisa> i think so, carl, rachel has the snotel site up right now so we'll see if we can find any right now

12/12/2006 15:57:19 <Mariann> Have any of the rest of you found that version 9 requires a bit more processing power than you have?

12/12/2006 15:57:26 <Randy-Eval> carl - there was a story in the paper recently about a ski hill building a new lift and they are hedging their bets by building all new ones lots higher on the mountain

12/12/2006 15:57:29 <lisa> lookout pass has one

12/12/2006 15:57:48 <Mariann> We haven't updated the computers in about 5 years--all the money has been going to SmartBoards.

12/12/2006 15:57:56 <lisa> switzerland has wrapped a glacier near one of their ski resorts in a reflective material to stave off melting

12/12/2006 15:58:06 <lisa> sorry to hear that mariann

12/12/2006 15:58:12 <carl> one of my students is interested possibly for the competition

12/12/2006 15:58:41 <lisa> hey everyone since we are talking about the gis competition let's go to that for the moment - seize the day if you will

12/12/2006 15:58:45 <Tim Mosbacher>
<http://www.wrh.noaa.gov/mesowest/getobext.php?wfo=mso&sid=OPNM8&num=744&raw=0> Try this for data near opheim

12/12/2006 15:58:53 <Mariann> I visited Glacier right after our June get-together. The glaciers are definitely receding

12/12/2006 15:59:36 <lisa> here's where i'd like you to go, DONT close this chat, minimize it and go back to the spatial sci site, click on programs, gtec, and then take a look at the GIS competition guidelines see what you think

12/12/2006 15:59:39 <carl> Randy, was that a local story?

12/12/2006 16:00:47 * Dean quit (timeout)

12/12/2006 16:01:15 <rachel> Dean: G-I-S

12/12/2006 16:01:16 <Mariann> I am not seeing GIS competition under gtec. There are only the links for the two surveys the students took.

12/12/2006 16:01:23 <Dean> .

12/12/2006 16:01:35 <lisa> mariann - click on GTEC link to get to new page

12/12/2006 16:01:38 <jennifer> I just got the newsletter, looks great!

12/12/2006 16:01:37 <Randy-Eval> it was carl - can't remember if it was a WA ski area; i'll try to find out

12/12/2006 16:02:25 <Mariann> Mibad

12/12/2006 16:03:12 <David> Geospatial Competition tab

12/12/2006 16:03:39 <lisa> it's confusing mariann - we'll take off the survey tabs tonight so it's not so confusing

12/12/2006 16:03:47 <Tim Mosbacher> Seems pretty high level, but will see if we can give it a go

12/12/2006 16:03:49 <lisa> we'll put them in a separate box

12/12/2006 16:03:57 <carl> It looks very straightforward. I think I can even do it.

12/12/2006 16:04:07 <lisa> you will find two items to explore: the gis competition and the entry form

12/12/2006 16:04:43 <lisa> we'd like to know if you think it makes sense, if you see any problems, changes you would like to see, do the dates work for everyone?

12/12/2006 16:05:05 <lisa> thanks tim, any parts seem doable?

12/12/2006 16:05:23 <lisa> glad you like it jennifer

12/12/2006 16:05:35 * Suz joins My room

12/12/2006 16:05:38 <carl> One question,once they have saved the map is there any special way to send it.. attachment or something else?

12/12/2006 16:06:22 <jennifer> Dean wins

12/12/2006 16:06:23 <lisa> welcome suz

12/12/2006 16:06:53 <Suz> Thanks!

12/12/2006 16:07:25 <Mariann> The competition looks good. Would it be possible for me to work on how the snowpack at the headwaters is affecting the level of Fort Peck Lake?

12/12/2006 16:07:29 <jeff> Hello Sindie I mean Suzie 😊

12/12/2006 16:07:35 * Dean quit (timeout)

12/12/2006 16:07:34 <lisa> of course marian!

12/12/2006 16:08:33 <Suz> Hello to you George.. I mean Jeff. 😊

12/12/2006 16:08:34 <Mariann> The local snow data that you put up from the weather service is far from accurate. I haven't seen bare ground since November and right now there is no less than 2 inches of snow on the level here.

12/12/2006 16:09:44 <lisa> we are still working on all the accompanying data sets - these will be shared in a future chat session but if you have specific data you would like to see on the spatial sci site let us know

12/12/2006 16:10:02 <Dean> Excellent competition guidelines.

12/12/2006 16:10:10 <lisa> if you look at the gis competition resources you will see a list of resources and a powerpoint that rachel put together

12/12/2006 16:10:13 <lisa> thanks dean

12/12/2006 16:10:44 <carl> what about relationship of snow data to fire duration and intensity?

12/12/2006 16:10:45 * Dean quit (timeout)

12/12/2006 16:10:47 <rachel> For snow data I would stay away from short-term weather station data and look for vetted, longer-term data sets (e.g. NRCS, NCDC). We can help with that.

12/12/2006 16:10:59 <Dean> Crazy Timeouts

12/12/2006 16:11:19 <jennifer> do we have data on El Nino years? and does that have anything to do with the bigger global warming picture?

12/12/2006 16:11:36 <lisa> yes, carl, that is definitely one of the data areas we have outlined to collect data for

12/12/2006 16:11:39 <Tim Mosbacher> For middle schoolers it might be advantagous for them not to have put together data sets

12/12/2006 16:11:42 * Dean quit (timeout)

12/12/2006 16:11:53 <rachel> All of your ideas for the competition is great - part of the challenge is in incorporating valid data sets and posing (and addressing) interesting questions - so please feel free to run with those.

12/12/2006 16:12:01 <lisa> i completely agree tim - these are still in development

12/12/2006 16:12:09 <rachel> I mean ideas ARE great

12/12/2006 16:12:10 <lisa> which data sets would you most likely use?

12/12/2006 16:12:28 <Mariann> rachel, what sort of data might be available for the mountains near Lewistown? I am thinking that it would be good to relate the climatic changes to the snowpack on those mountains and then relate that to the level of Fort Peck-- normalized for release

12/12/2006 16:12:44 <lisa> as we were typing rachel suggested it might help if you submitted 5 copies of your cd's to help with judging would this be a problem for anyone??

12/12/2006 16:12:47 * Dean quit (timeout)

12/12/2006 16:13:40 <Mariann> Not a problem if I can get my kids near a computer before January. I will be glad when term paper deadlines are past.

12/12/2006 16:14:34 <carl> Am I correct in that you want the student's work burned on CD's?

12/12/2006 16:14:58 <lisa> right carl

12/12/2006 16:15:03 <rachel> One thing to remember in general is that by definition **climate change** refers to trends observed over a period of 10 or more years. So, in relating changes in snowpack to climatic changes one would want to integrate data over that period of time. Using shorter-term (i.e. weather) data is possible and interesting, but the questions should be framed in terms of weather variability rather than

12/12/2006 16:15:16 * David quit (timeout)

12/12/2006 16:15:18 <Suz> Mariann, I can talk to Ted Hawn at NRCS to ask him about the data for the mountains near Lewistown. I am from Lewistown and work with Ted on the watershed council.

12/12/2006 16:15:28 <rachel> rather than climate change.

12/12/2006 16:15:43 <Dean> Jennifer--There is data on the El-Nino years. Actually right up to 2005.

12/12/2006 16:15:46 <Mariann> Thank you,

12/12/2006 16:16:04 * Dean quit (timeout)

12/12/2006 16:16:19 <Dean> Stupid Timeout

12/12/2006 16:16:28 <rachel> Ideally each CD would contain folders, and in each folder should be the entire project submission for each student - maps, written components, etc.

12/12/2006 16:16:28 <Mariann> I would also like to find archived aerial photos of those mountains over as many years as possible.

12/12/2006 16:16:29 <David> Is there data on river flow rates (yellowstone and missouri)

12/12/2006 16:16:50 <lisa> dean you are giving us a bad case of the giggles

12/12/2006 16:17:13 <Mariann> NOAA should have river flow data. You might have to join it to a map, however.

12/12/2006 16:17:20 <jeff> David, USGS river flow is available via the web

12/12/2006 16:17:38 <rachel> Mariann - see the USGS and Rocky Mountain Repeat Photography projects (on our web site under Links - → climate change

12/12/2006 16:17:43 <Dean> sorry... 😊

12/12/2006 16:18:04 <Mariann> FWP might also have that info. Remember that you will have missing data for most of the winter months in lower-flowing streams due to ice

12/12/2006 16:18:04 <lisa> david, as well, if you look in GIS competition resources you will see a pdf file from usepa that talks about the effects of stream flow

12/12/2006 16:18:16 <lisa> this might be help with directing, developing student ideas

12/12/2006 16:18:41 * Dean quit (timeout)

12/12/2006 16:19:10 <David> Can we get a copy of this chat when we are all finished?

12/12/2006 16:19:28 <Mariann> Dean, I can sympathize. with our network problems, it took almost 5 minutes to load one map.

12/12/2006 16:19:38 <carl> I would like that also.

12/12/2006 16:19:41 * Dean quit (timeout)

12/12/2006 16:19:55 <lisa> yes, david, we can put it into a pdf file and put it under GTEC competition resources how about that

12/12/2006 16:20:01 * Suz quit (timeout)

12/12/2006 16:20:10 <Mariann> That would be great.

12/12/2006 16:20:19 <David> Thanks that will work

12/12/2006 16:20:25 <carl> sounds great.

12/12/2006 16:20:54 <Dean> I am at the firehall on a regular phone line...Really slow...might have something to do with all of the timeouts..

12/12/2006 16:21:03 <lisa> no wonder

12/12/2006 16:21:02 <jennifer> if I wanted to do a project relating to farming, how would one peel away all the other variables that effect agriculture

12/12/2006 16:21:16 <Suz> Mariann, were you saying thankyou to me? Does that mean you want me to talk to look into the weather variability and snowpack data for the mountains around Lewistown?

12/12/2006 16:22:14 <rachel> Jennifer - you want to isolate weather alone? In terms of agricultural productivity we run models and archive satellite data in my lab that relate to ag production.

12/12/2006 16:22:20 * Dean quit (timeout)

12/12/2006 16:22:26 <Suz> oops, I got an extra word in there. I meant do you want me to look into, not talk to look into. Sorry.

12/12/2006 16:22:59 <Mariann> Suz-- I was saying that would be great to get a copy of the chat. I will try to find the data myself first and yell for help if I run into difficulty.

12/12/2006 16:23:52 <Mariann> Thank you so much for the offer, though. Sometimes I find that if I make the kids do their own looking, it makes them better students. It is frustrating, but they do love it when they can find it before I can.

12/12/2006 16:24:01 * Dean quit (timeout)

12/12/2006 16:24:21 <Dean> Discovery Learning

12/12/2006 16:24:31 <carl> would it be possible for jeff to maybe set up a camtasia example on some snow data for the students to look at?

12/12/2006 16:24:42 <Mariann> Rachel, Do you have any data on fish production?

12/12/2006 16:24:47 <jennifer> good idea carl

12/12/2006 16:24:49 <lisa> hey everyone jeff is putting up a pdf file entitled questions scientists ask about climate change that I think might help direct your thoughts here

12/12/2006 16:25:05 <jennifer> where?

12/12/2006 16:25:13 <Mariann> I can contact FWP for data on Fort Peck

12/12/2006 16:25:21 <lisa> i put it together earlier but wasn't sure if you wanted this much direction it will be at the bottom of competition resources in about one minute

12/12/2006 16:25:45 <lisa> can you all take a look at it to see how it helps how you might guide a discussion with students?

12/12/2006 16:26:19 * Dean quit (timeout)

12/12/2006 16:27:26 <carl> is that pdf file in competition resources?

12/12/2006 16:27:40 <lisa> what i did was take a usepa document that forecast climate change in montana and put it in the form of questions and predictions that scientists are currently working on

12/12/2006 16:27:57 <lisa> yes it is

12/12/2006 16:28:04 * Dean quit (timeout)

12/12/2006 16:28:21 * Mariann quit (timeout)

12/12/2006 16:28:34 <Tim Mosbacher> Looks good

12/12/2006 16:28:50 <lisa> so should i incorporate this more into the competition guidelines tim?

12/12/2006 16:29:05 <lisa> rather than as a resource?

12/12/2006 16:30:03 <jeff> Under the competition resources link you will notice I placed a link the chat narrative. Once the chat is over I will convert it to a pdf and place it on the page

12/12/2006 16:30:08 <Tim Mosbacher> It seems, (without talking to Mike first), at the seventh grade level they would then need specific data sets that relate to a question

12/12/2006 16:30:33 <lisa> right, that was what i was thinking too, so for each question or prediction on that sheet we would have a related data set

12/12/2006 16:30:38 <lisa> is this what you are thinking too?

12/12/2006 16:30:54 <Dean> Lisa, Rachel, Jeff--Tony Ward was using a program called TrakPro to apparently create Trends.. Do you know if works around Linear or Exponential? It created a beautiful graph..

12/12/2006 16:30:58 <lisa> what does everyone else think?

12/12/2006 16:31:17 * Dean quit (timeout)

12/12/2006 16:31:30 <Tim Mosbacher> Yes

12/12/2006 16:31:39 <Mariann> I would probably have to use my 7th and 8th grade class to do the competition because they are working on Earth Science this year. You know how superintendents get when you go off curriculum for a project. i would agree that having some specific data sets at that age would be helpful

12/12/2006 16:31:56 <Dean> He used to graph the particulate matter in the air on their pm2.5 research.

12/12/2006 16:32:15 * Dean quit (timeout)

12/12/2006 16:32:13 <lisa> So, from those questions and predictions - which ones are of most interest for your curriculum, . .

12/12/2006 16:32:39 <carl> my kids are new to mapping even though they are juniors and seniors.. I think having data sets would be beneficial.

12/12/2006 16:32:46 <Tim Mosbacher> I will have to defer that to Mike

12/12/2006 16:33:39 <lisa> data sets have always been the plan so you can all be sure to have those by january - just wanted to see which ones were of most interest to all of you so thanks for all the great feedback

12/12/2006 16:33:52 * Dean quit (timeout)

12/12/2006 16:34:04 <carl> I think data pertaining to fire, aquifer levels, skiing, those things that directly effect the students.

12/12/2006 16:34:20 <lisa> david, how about for physics, what do you think?

12/12/2006 16:34:43 <David> I like physics. 🤔

12/12/2006 16:34:59 * Dean quit (timeout)

12/12/2006 16:35:05 <David> But the data sets noted should be ok

12/12/2006 16:35:19 <lisa> 😊

12/12/2006 16:35:26 <Mariann> I would love to have my (one) physics student work on this project. I just need to think of a tie in

12/12/2006 16:35:42 <rachel> David, can you put the GIS in physics? All the letters are already there except for the G.

12/12/2006 16:35:56 * Dean quit (timeout)

12/12/2006 16:36:12 <David> I think it is spelled gPHYSICS. 🍌

12/12/2006 16:36:15 <Mariann> Great physIcS

12/12/2006 16:36:37 <rachel> physgics

12/12/2006 16:37:30 <lisa> how about dates for the contest - does february as a start and then march 10th as end data look ok? notice the award includes travel to donelly, idaho - a great ski resort for those that ski

12/12/2006 16:37:36 * Randy-Eval quit (timeout)

12/12/2006 16:38:08 <Tim Mosbacher> sounds good

12/12/2006 16:38:13 <David> The snow pack problem has geophysics, hydophysics, flow physics and other areas I can not spell.

12/12/2006 16:38:16 <Mariann> That is actually a great time frame. Basketball will be over and it will be too cold for track meets

12/12/2006 16:38:30 <carl> looks OK

12/12/2006 16:38:45 <lisa> ok, great, we'll keep the time frame then

12/12/2006 16:38:54 <lisa> any other questions, concerns, thoughts?

12/12/2006 16:39:21 <rachel> David, how about something on snow water equivalence (SWE) with changes in temperature?

12/12/2006 16:39:54 <David> that sounds interesting is there data?

12/12/2006 16:40:05 <Mariann> What about sublimation rates due to temperature increase?

12/12/2006 16:40:31 <rachel> David, I think so, at SNOTEL sites. Follow that link that was posted before.

12/12/2006 16:40:36 <Bill Lee> h

12/12/2006 16:40:39 * Dean quit (timeout)

12/12/2006 16:40:54 <lisa> hey everyone, another place we wanted you to check out on the website is a camtasia video jeff put together

12/12/2006 16:41:01 <lisa> we would like to make a series of these based on your needs

12/12/2006 16:41:35 <lisa> you can find the camtasia video on the spatial sci front page under featured projects

12/12/2006 16:41:47 <lisa> take a look at it - minimize chat again- and see what you think

12/12/2006 16:42:06 <rachel> Everyone, I think this link will provide great food for thought: <http://nris.mt.gov/nrcs/snowater.html>

12/12/2006 16:42:23 <lisa> jeff made a specific one for carl and we would love to be able to do the same for others

12/12/2006 16:42:40 <carl> Thanks, jeff for all of your help on the project.

12/12/2006 16:42:49 * Mariann quit (timeout)

12/12/2006 16:43:05 <lisa> but to know what it is jeff made one as a demo so you can see the possibilities

12/12/2006 16:43:14 <Tim Mosbacher> where is it located, the video vignette does not work

12/12/2006 16:43:36 <lisa> are you on the front page of spatial sci

12/12/2006 16:43:41 <lisa> in the featured programs?

12/12/2006 16:43:45 * Dean quit (timeout)

12/12/2006 16:43:50 <Bill Lee> Specific name of video?

12/12/2006 16:44:13 <lisa> it's not under video vignettes

12/12/2006 16:44:43 <lisa> if you try and click on spatial sci virtual tour

12/12/2006 16:44:44 <Tim Mosbacher> found it, is big

12/12/2006 16:44:47 <lisa> does this help?

12/12/2006 16:44:49 <lisa> it is big

12/12/2006 16:45:05 <David> At <http://www.spatialsci.com/index.php> on the right hand side is the featured project button then click on the image

12/12/2006 16:45:15 * Mariann joins My room

12/12/2006 16:45:21 <lisa> thanks david

12/12/2006 16:45:27 <Dean> It would take me 2 days to download it...I will check it out back at school...

12/12/2006 16:45:57 <Mariann> I just had a full-on cat-static crash. did I miss anything?

12/12/2006 16:46:01 <jeff> The file is set to stream once it gets to 10 %

12/12/2006 16:46:32 <Tim Mosbacher> Jeff's voice is echoing across my house. Practice jeff

12/12/2006 16:46:34 <David> Or dribble for Dean

12/12/2006 16:46:46 <Dean> No kidding

12/12/2006 16:46:53 <Mariann> I will join Dean in checking it out on DSL. My home connection will barely support loading pictures.

12/12/2006 16:47:23 <rachel> Um...um...ummmmmmm

12/12/2006 16:47:37 <jeff> Hey, it was the best I could do with the compression I used

12/12/2006 16:48:03 <Tim Mosbacher> JK

12/12/2006 16:48:07 <lisa> OK, thanks for trying all. When we finish the synchronous chat know that this option will remain if any of several of you would like to meet online

12/12/2006 16:48:26 <Mariann> Thanks

12/12/2006 16:48:35 <lisa> one other highlight to mention is that rachel put together an amazing powerpoint on climate change

12/12/2006 16:48:52 <lisa> it is way too big to view now but it is set up to be used in your classroom

12/12/2006 16:49:07 <lisa> you can find it under competition resources

12/12/2006 16:49:12 <Dean> cool

12/12/2006 16:49:28 <Mariann> I will show it to the class using the smartboard

12/12/2006 16:49:31 <carl> I also already have the Brokaw program recorded.

12/12/2006 16:49:52 * Dean quit (timeout)

12/12/2006 16:49:56 <lisa> excellent carl have you seen inconvenient truth? I'm trying to get free copies for all of us but have not worked that out yet

12/12/2006 16:50:20 <lisa> mariann, that would be a great idea to use the smart board

12/12/2006 16:50:35 <carl> I have not but would really like to get my hands on a copy!

12/12/2006 16:50:42 <lisa> i'll keep trying

12/12/2006 16:50:44 * Dean quit (timeout)

12/12/2006 16:50:55 * Paul joins My room

12/12/2006 16:51:03 <lisa> paul, welcome!!!

12/12/2006 16:51:19 * David quit (timeout)

12/12/2006 16:51:43 <David> I think I am still here!

12/12/2006 16:51:48 * Tim Mosbacher quit (timeout)

12/12/2006 16:52:06 * Dean quit (timeout)

12/12/2006 16:52:21 <David> But when I stopped the tour I got the message

12/12/2006 16:52:41 * Tim Mosbacher quit (timeout)

12/12/2006 16:53:08 * Tim joins My room

12/12/2006 16:53:48 * Dean quit (timeout)

12/12/2006 16:54:35 <Tim> "Inconvenient Truth" - Hmmmm

12/12/2006 16:55:07 <lisa> have you seen it tim - it has a political message so i wonder about your parents a bit given past events

12/12/2006 16:55:19 <Mariann> Is it available on United Streaming by any chance?

12/12/2006 16:55:24 * Dean quit (timeout)

12/12/2006 16:55:30 * Tim quit (timeout)

12/12/2006 16:55:38 <lisa> i have not checked mariann - good idea

12/12/2006 16:56:29 * Dean quit (timeout)

12/12/2006 16:57:07 <lisa> hey everyone, out main goal for the synchronous chat was to reconnect, give you a look at a few new resources, and to get your feedback on the gis competition . We sure do appreciate all your time and effort on this. Are there other questions or concerns that any of you might have?

12/12/2006 16:57:10 <rachel> There is a free education guide to Inconvenient Truth on this website: <http://www.climatecrisis.net/> - that's the official movie website.

12/12/2006 16:57:55 * Bill Lee quit

12/12/2006 16:58:11 <Dean> Thanks Rachel...

12/12/2006 16:58:43 <Paul> Hey guys, sorry to be so out of touch... my dial-up and Hardin's wires didn't want to let me join you.

12/12/2006 16:59:11 <lisa> if not, thanks for joining us. we don't need to stay online unless you have other thoughts. remember that you can always join your colleagues via the synchronous chat as this option will always be on the site now and you have the passwords. you would just need to let others know when you would like to meet

12/12/2006 16:59:25 <Mariann> I just need to get more aggressive when it comes to computer time. that should be interesting since I am already considered somewhat--hmmm -- less than demure

12/12/2006 16:59:27 <jeff> Paul, minimum requirements for 9.2 are: 2000 or XP, 512 of RAM and 1 GHz processor

12/12/2006 16:59:35 <lisa> what did you think of the synchronous chat

12/12/2006 16:59:39 * Dean quit (timeout)

12/12/2006 16:59:41 <Mariann> Love it

12/12/2006 16:59:57 <lisa> if you have a parting thought on it that would be great to know if we can/should continue to use it

12/12/2006 16:59:58 <Paul> Dean, I have a question, in a notebook computer, is there any great advantage to get a Turion 64X2 over a Centrino solo?

12/12/2006 17:00:09 <lisa> thanks mariann

12/12/2006 17:00:10 <Dean> I liked it except for the "Dean quit (timeout)" all the time...lol

12/12/2006 17:00:13 <David> works well if you have good internet access.

12/12/2006 17:00:22 <carl> It is actually fun, now I know why my kids like it!

12/12/2006 17:00:31 * Dean quit (timeout)

12/12/2006 17:00:39 <Paul> Lisa, you can't be wrapping up yet, I just got here!

12/12/2006 17:00:42 <lisa> i don't know dean, your timeouts provided excellent humor - maybe we should make it a regular event?

12/12/2006 17:00:52 * Mariann quit (timeout)

12/12/2006 17:00:55 <lisa> you can just pop in and out

12/12/2006 17:01:13 <lisa> 😊

12/12/2006 17:01:33 <rachel> 😊

12/12/2006 17:01:39 * carl quit (timeout)

12/12/2006 17:01:42 <Suz> Will the newbies for next summer get to meet the oldies from last summer sometime?

12/12/2006 17:01:50 * Dean quit (timeout)

12/12/2006 17:02:48 <lisa> good question suz - we're not sure right now b/c we didn't put it into the original grant

12/12/2006 17:02:54 <lisa> it would be nice thought

12/12/2006 17:03:45 <Dean> Paul...I have had alot of luck with the Centrino....I do have a dual 64 but it seems to lag a bit when rendering in ArcScene

12/12/2006 17:04:07 <Paul> jeff, any ideas as to when in January you will want to trek to Hardin?

12/12/2006 17:04:43 <Dean> No kidding Lisa...the transcription is going to look pretty funny.

12/12/2006 17:05:09 <jeff> Paul, sometime in the first couple weeks

12/12/2006 17:05:52 <jeff> of January that is.. Does one wekk work better than the other?

12/12/2006 17:06:03 <Paul> Dean, thanks. It looks as though I will be trying both. I purchased a dual 64 personally and ordered the same for school, but they purchased the solo centrino instead. Right now I'm just happy to get the machine as I started placing orders in August.

12/12/2006 17:06:28 * Dean quit (timeout)

12/12/2006 17:07:50 <Paul> jeff, there is no difference as far as I can tell... my social-director comes up with the 20th and 21st as dates she wants to be in Bozeman.

12/12/2006 17:08:25 * Dean quit (timeout)

12/12/2006 17:08:46 <jeff> OK, let me look at my calendar and get back to you.

12/12/2006 17:08:50 <lisa> Thanks all for joining us. You can keep chatting as long as you like. The passwords won't change so chat away today or in future days. Season's best, lisa

12/12/2006 17:08:54 <rachel> Don't forget to show the global warming powerpoint, and please let me know if you have any questions. I'd love to get your feedback as well on how to improve it. Thanks!

12/12/2006 17:09:28 <Dean> I can't wait to look at it

12/12/2006 17:09:29 <Paul> Rachel where is the global warming powerpoint?

12/12/2006 17:09:42 <David> Thanks all - I am signing off

12/12/2006 17:10:03 * Dean quit (timeout)

12/12/2006 17:10:12 * David quit (timeout)

12/12/2006 17:10:33 <Dean> Yep, me too.....Training is beginnning....Good kinda seeing you all again...

12/12/2006 17:10:44 <Paul> Rachel, I found it.

12/12/2006 17:10:56 <rachel> The global warming powerpoint is on the GTEC website, under Geospatial Competition...I was getting there!

12/12/2006 17:11:20 <Paul> So are you guys all done chatting?

12/12/2006 17:11:32 <Suz> Nice chatting, I am signing off too 😊

12/12/2006 17:11:32 * Dean quit (timeout)

12/12/2006 17:11:38 <Tim Mosbacher> I am out - bye

12/12/2006 17:12:01 * Tim Mosbacher quit (timeout)

12/12/2006 17:12:03 * Suz quit (timeout)

12/12/2006 17:12:05 <Paul> Thanks for your patience, can we try this again?

12/12/2006 17:12:30 <jennifer> i think it works well
12/12/2006 17:12:37 <lisa> thanks all, i'm sorry paul the next one is
january 23rd at 4:30
12/12/2006 17:12:38 <jennifer> and I don't have to miss school
12/12/2006 17:12:43 <lisa> thanks for all your feedback
12/12/2006 17:12:52 <jennifer> see ya the 20th
12/12/2006 17:13:01 <lisa> see yaQ
12/12/2006 17:13:19 <Paul> I'll sign off and hope to hear from you guys
soon. Paul
12/12/2006 17:13:19 <rachel> Jen, I tried to message you a bunch of
times but it never went through - let's "talk" via email about ideas for
your students.
12/12/2006 17:13:24 * jennifer quit (timeout)
12/12/2006 17:13:39 * Paul quit (timeout)
12/12/2006 17:14:15 <Paul> Stupid question, is there a log off button or
just close the window?
12/12/2006 17:14:22 * rachel quit (timeout)