NFDRSFEMS Updates and Tips-20250820_140346-Meeting Recording

August 20, 2025, 7:03PM

49m 49s

Scott Linn started transcription

Scott Linn 0:04

They'll be able to watch this as usual.
Very open forum.
Please ask questions in the chat.
I'll try and monitor it as best that I can.
And.
Well, if you have questions, don't hesitate to raise your hand in the middle of the any of the meeting at all.
I.
I don't mind having that interaction.
I'd rather have that so.
OK, First off.
I wanted to share with everybody.
The current transition, so I just posted in the SharePoint drive for NFDRS for the everybody I think who's got this? I'll also put it in this chat as well.
The timelines.
Let's see here.
There we go.
Timelines for whims.
End of life and where what we're expecting in the next couple of weeks.
Here, as we move through this time frame, so as of September one, we are going to stop having new users get accounts into whims. At that point, really, there's not a lot of reason for them to be having new accounts in whims. So we're going to shut off.
The the access to new users to whims September 1. As of September 15th, the tile that is on famoth for whims will go away.
So.
Access will be limited to the WXML. If you want to get any data from wiiims it will be having to pull information from that directorate. If you need information from wiiims

and then as of September 30th, we will be only wiiims will be that'll be the last day.
October one will be.
Wings will be formally shut down and all fems.
Will be taking over as the authoritative database for fire danger information as we know it, so wins will be a four letter word that shall never be mentioned again.
So anyways, that's the general timeline that we have going forward with the whims end of life of whims.
And so we have been running fems since, you know, for about a year and a half now.
And how long will that be available for?
So Carolyn got a question along September.
15th user will be able to access that.
Again, W XML will be available till September 30th and then it goes away.
That that's it.
You got 15 days to grab your data. At that point, Carol. So we got questions on it.

Ewell, Carol - FS, CA 2:46
Yeah, like, is that valuable data going back to the last few years that we should store for some sort of, you know audit purposes or prior behavior, you know looking back purposes or or who cares to move forward?

Scott Linn 2:59
It will be so they're working and archiving all that information. So if you need it, we will be able to fetch it for you down the road.
It will be stored and archived, so it's not like it just disappears into a black abyss. If you need it handy for you, yes, I would say you'd probably want to grab whatever you feel that you need.
But again, it will be archived.
It will be stored for for reference purposes. If we do need it so.

Ewell, Carol - FS, CA 3:26
Thank you.

Scott Linn 3:29
Hey, Dan, what happens to the data warehouse?
Data in the data warehouse that nothing is changing in the data warehouse

management piece. It's all staying in there.
It doesn't go away.
We're just not managing whims or whims. Itself goes away, but data warehouse and all the data in there is still stored in there so.

Heinsch, Faith - FS, MT 3:47
OK.
So in theory any of the data from WMS they could get there if they needed to.

Scott Linn 3:52
No, we're not telling him that.

Heinsch, Faith - FS, MT 3:54
Oh well, if she needed it for support for something in fire behavior, not for fire danger.

Scott Linn 4:01
There you go, that's correct.

Heinsch, Faith - FS, MT 4:03
OK.
I was just trying to help her out.

Scott Linn 4:05
Yep, Yep.
So yes, data warehouse is still around.
We didn't do anything. We didn't do anything to data warehouse.
It's just not going to be updated with any new information, so yes.
Little ways around stuff. You know, there's always that I got too much of my hands to deal with data warehouse so.
Let's see other questions about wim's end of life.
That's coming up quick so.
Everybody should be clapping their hands.
You don't have to deal with whims anymore.
I haven't heard anything about Wiiims in two months from any users.

Honestly, like over the past two years I've been doing this.
It's all I've been hearing about is whims and all the issues with whims, and I haven't heard anything from anybody about whims like where where it's broken or anything.
So I don't know if you guys like it all of a sudden or what happened, but.
Yeah, it actually kind of made this summer a little bit easier that it's been pretty quiet, so.
OK.
I have some really good wins, by the way.
If you would like some alright.
No other questions on whims timeline.
OK.
Let's see here next steps.
So that's the end of life of wiiims September 30th.
We got one more month of it basically and then we'll be moving on.
To to the future of femmes at this point.
And again, Fems is still in development.
We still have.
We have basically created the very basic information that weims used to produce and we're working on getting some of the other stuff built up as well.
Well to kinda help manage a lot of the system so.
Where we're moving towards. So we have one more release before the whims end of life. And with that, we're going to be bringing in Power BI, which is a business interactive visualizations basically for.
For for fems and so through this, we're going to be able to create what are called reports. Reports can be charts and graphs and anything else, and we'll be able to create these, add them in and it will be pretty much like a user sourced or crowd S.
Information piece where if anybody's really handy with Power BI, we can probably get you guys get those you know, select individuals access to this.
They can create reports or they can walk us through how to create.
Individual reports and we get these posted.
In real time and being able to share with the group.
So instead of having to have our.
Developers create individual reports which takes a lot of time, money and effort for them to do.
We can do all this as a community and then we can add them to fems as we see fit.

So that's where we're going forward.
So So what does that look like going forward?
So First off, I'm going to share and I'm going to turn off my camera because you don't need to stare at my head.
Alright.
So this is what we've got coming up with fems.
So we believe as of now.
That the data. So one thing that we had issue with coming going forward the last month, month and a half ish was the field sample database.
People were not able to save sites and that also was causing issues with saving fuels data and there was.
So what happened was our release that we had in June, we had a new.
A new contact on the agency side and and they didn't have everything kind of squared away properly and we wound up having a duplicate database.
And it wasn't caught for a couple of days, and that goofed. Everything up for about a week and 1/2.
And so we got that fixed. Additionally, when users were entering sites, the latitude that they were entering in, sorry, the longitude they were entering the latitude that they were entering in did not have a negative.
And so it was not saving the data or it was not saving the site.
So that was one of the main issues that we had.
So we've kind of got that.
Fixed other than that.
You'll see on here we removed all the red circles and squares on fire.
Danger because the idea that we have the concept is I still think viable, but we just didn't have implemented properly.
So we have our had our coders removed the questionable data for your fire danger information.
So you'll see.
Just back to normal circles and squares depending on if it's a forecast or an observation.
We tried not to do too many changes to the release on this because because of all the transition happening.
So we kind of slowed down on what we were doing.
You will also see due to the overwhelming feedback that we had about removing

station ID's, we added station ID's back in so you guys can all clap your hands and be happy.
And again, I'm just trying to let you know as we change things and if you don't like the change, let us know we can change back.
Oh, there you go.
You can see now Grace has their station ID.
You'll see it up in here.
You will see it in the station metadata.
We have station ID back in here.
The only place we did not add station ID back in yet is in the downloads and that was also a request from the group was to get us through the transition and then in the release after fire season is done.
To add the station ID back into the downloads.
It's the reason why that that happened is because if you are connected in with all this fancy spreadsheets, everybody's made or the APIs. If we put station ID back in there, it's gonna break your systems again and it's gonna cause, you know, a lot more work during.
The transition that's happening, so it's not in on this release in the downloads, but we will be having station ID brought back in on the downloads in the November release.
But you will see they are back in here on all other parts of the of our site.
So those are kind of one of some of the big things that we have done and added into and made some changes.
For the release that's coming up, the other big one is you'll see that we no longer have the tabs up top, OK?
We got rid of this because it was gonna starting to become too much.
So we have the hamburger, 3 lines, whatever you want to call it over on this and that brings out your that brings out your information.
So we the maps downloads. If you have access to field sample then you have the tables.
And this is gonna be the new one that'll be starting to show up as the reports.
OK.
So when you click on reports, this is again a very basic template.
So please keep your mind open.
This is not a final. We're still in the very basics of development of this, but I want to show you how this is going to work.

You will see that you have.
We will have examples of information, so we have fire danger reports, weather reports, station information reports in the Advanced analytic reports. OK, so each one of those tabs.
Would have different types of reports that you can then.
And pull so one example here we have is the NFDRS daily summary working data K.
So this hooks into our system and for those that are wanting to have sigs, this is your answer to the very basics of what wims used to produce.
So it pulls in and you can choose your station name or you can choose your state.
So say I want to do.
Colorado.
And I now summarize.
All of Colorado into one giant SIG, and it produces all of your information for each day. You can click on your days if you want to adjust your days, it gives you your total for BIERC spread component Max. Whatever you would like and the.
Nice thing about this is then if I want to. Let's say I want to just do these couple of stations. Boom I have them which is really nice about this is you will now be able to actually start tracking your individual.
Station reports and station information.
As well as your as well as your SIG or your aggregated station total or average and be able to see these so you can see which stations are tending to run high, which stations are trending to run low or have different. You know if there's something either one.
Off on your station that's not showing or you think that it might have?
You know, the tipping bucket didn't get tripped or something like that, but you'll be able to manage an individual. See your stations this way.
So again, very basic information of what this is going to look like.
I know there's going to be some training on this one as well.
We're gonna have some work flows and some videos made for this on how you can pin this so that once you select your sites, you'll be able to save these and you'll be able to bring this back up on a daily basis without having to log into Fe.
And do all this.
You can just pin this to a bookmark and you'll be able to go right to what you need.
So. So for those that are looking at what power BI, I've kind of brought this up over the past couple of years or the past year, what this is going to look like?

This is what it's going to look like. We're able to add in.
We're going to be able to add in seasonal trend charts and have the interaction that you're looking for. That way we're going to be able to add multiple different filters in here.
Again, we're just starting to play around really with this heaviness or what is implemented, what we can implement with this.
But the big piece was actually getting all of this data connected in building the first reports and making sure that we can actually load all of this in on an interactive basis through our website without making it very slow and clunky.
So.
Questions on Power BI before I get into the questions in the chat.
Will this meet the yes, Carol, go ahead.

E **Ewell, Carol - FS, CA** 14:22
Hey, Scott.
That one row at the bottom total really means average. That's what you said, right?

SL **Scott Linn** 14:29
That's correct.
And we can work, like I said, very basic. This is going to be yes, the average value of these is what this is not total correct. Yes. Mm-hmm.

E **Ewell, Carol - FS, CA** 14:38
Thank you.

EE **Engber, Eamon** 14:42
Hey Scott, Eamon here.
So you said this would be the November release, is that right?

SL **Scott Linn** 14:44
Hey, Amen.
No, this is coming out in the September release.

EE **Engber, Eamon** 14:52
OK, copy.

Scott Linn 14:54
So we are still, it's going to be very like I said the the the what we have is coming out will be.

Engber, Eamon 14:55
Excellent. Thanks.

Scott Linn 15:02
You will start seeing the reports tab.
You may see a couple of.
Charts in here under we're working on a couple of the weather ones right now. We're working on like the station information one.
Some of that is going to be like we want to be able to show you the station health.
So when you click on a station health, you'll be able to see if it's missing. You know what the missing data is, what the.
Numbers of like flag data, if it's a 01 or A2 over the history so you can start seeing how is that station performing overall and you'll be able to look at that.
You know that way, whether this way you can do some summarized information and summarized weather totals.
So these are some of the things that we're working on building up through here. But again, I'm just trying to give you an example of what these reports are going to look like and how you'll be able to then manipulate them.
And if you're again, as you need stuff, you can work with us on getting new.
New data visualization.
Is added in here and we can then add this so that the you know we as a community can use this and this will help everybody. I think overall because we need people to see like what's going to benefit the Community as a whole and if we can.
Develop this one way so instead of you know.
The the 200 different dispatch centers across the country, developing all their spreadsheets for every different little thing.
If we can make basically those in in power BI, which is the same basic program, we can do that and we can post this here and then individual dispatch centers have a standard process of what they're doing and a standard report.
That's really what we're trying to get to as a standardized way of sharing data and

standardized reports going forward.
Mr. Turner.

Scott Turner 16:44
Yep, as far as timelines go and getting GSI calibrations into the fems data, when is like the cut the next cut off for getting GSI calibrations in?

Scott Linn 16:58
OK.
So now we're getting into the next release, so.
After the September release, we are moving towards.
Then having.
The.
Abilities for fems admins to manage catalogs ourselves.
So really, if you can get me through to the November timeline, it's going to be not we'll be able to do it on our own basis at our own timeline whenever we get information, we'll be able to update it.
It's not going to be.
We, like we need to do this in the back end, so as of November mid November, we'll be able to do it whenever we get the request.

Scott Turner 17:42
OK.

Scott Linn 17:43
And and so I'm going to take the next steps on this one since we jumped off of this train and ran to the next train. So long term development, what we're trying to achieve here.
Is during the next 3:00-ish months, September, October, November is provide users with.
A.
A stable data environment and a stable.
Known outputs from fems that users will be able to perform.
Their fires analysis and their re analysis for their fdops over the winter and we're going to try. We're going to do our best.

Asked not to screw with any of the data past that point.
OK, so past like that mid November time frame, we wanna have you guys have a stable piece.
What that looks like is we're going to try.
We're gonna have it so that GSI will be able to be entered in by fem's admin so we can make some adjustments there as need be.
We want to be able to have it so that we're looking at some differences in the snow flag when the snowflake is turned on and off, so we may be doing an adjustment with that.
In the next release, that would be the November release and turning that so that it's not as sensitive right now.
It's got a high.
It's a pretty high sensitivity level and we want to bring that down quite, you know a little bit so that it's not on and off so fast and so but when we do that, we're going to have to do a full read.
Calibre error read analysis.
Sorry, recalculation of the entire data set.
So we want to make sure we do that before.
The analysis process is done for you.
Guys in over the winter time frame.
The other piece that we want to do is need to find out from Matt and we're working on this to see if there's going to be a new fuel model added.
I don't think there will be in this time, but just giving a heads up, we're having those conversations.
Additionally, the possibilities of.
What was the other ones?
Those are the main ones, I think as of right now, there's a couple other ones that we may implement back in.
But the overall goal is just to make sure that we have that standardized data sets ready to go.
We're also looking at the weather inputs and how to get in a more current gap fill so that we can have DRI provide us a gap fill from basically 2022 to 2025 and getting any stations updated between this time as well that have that.
Maybe have a period of record that we can do. So we're trying to get that so that you guys have at least.

A1 Good piece to kinda work off.
But for the winter time then I kinda wanna just let things sit and we can work on.
Honestly, a lot of this other and more of the advanced analytics and all of this other pieces and move towards getting gridded added and all that good stuff because that has.
Been moving forward. We should have hopefully some basic test information from graded by the end of this calendar year.
And moving towards hopefully some design features of graded in within the next within the next full year.
So we're hoping to have some of that info coming forward relatively soon.
They're making good progress on it so.
That's the big picture piece.
How? What questions did I bring up?
'Cause, that was a lot.
Karen Short should have her perfect that would be great to have the the fire occurrence data.
I know that's one of the other pieces we hope to bring in and that we know that we will need to bring in to do advanced analytics is the fire occurrence.
So yes, look forward to possibly having that or having that in the future.
The states are probably wondering when is my mesoneet getting in.
We do still have hopes to get that in on the N1. Our original hopes of getting that in in the September release.
Got slowed down and so I'm really hoping by the November release that we can get those in there.
So I apologize for the delay.
No other questions.
OK.
All right, I am going to then go over.
The very basic processes here so.
In on the Fems portal I just added a couple of new spreadsheets. Thanks.
To thanks to Kevin Osborne, I added a few.
I made a couple adjustments to it, but you will see in here an Excel spreadsheet, a user guide.
I'm adding a second one as well that has a automatically calculated historical climatology.

But it has some user limits to it as well. Each one of these has some user limits with them, and really through the user guide you should be able to see what those are.
I'm also working to add in on the fems portal. You will see that we.
Actually change this around a little bit.
So we changed around the management of this.
You will see Fem's data sets.
This is where you should be able to get the information that you would expect to see and how you pull the data for fems you have general user information about fems and additional reference material, and then you'll see user guides and videos.
Attached in here as well so you can see that we've restructured this to hopefully make it a lot more user friendly for you continuing to update this. The transition materials is still located on here.
As you would need to.
With this, inside the transition materials you will see the optional job aid for translating fire danger values, and I may change this title to help understand, but this is really how like a basic walkthrough of how to make the changes.
In your F doc to get you through the transition between now and, you know, October one.
So that October one comes around your local forest dispatch center, whatever it may be.
Be at least has some values to populate inside their breakpoints, so I'm going to use an example here that I have for the Colorado Interagency Dispatch zone. One of their matrixes that they have is for adjective rating and it uses both ERC and BI and these are the.
Values that were produced from the old FW13 files from and were populated inside or with a use from.
The wins calculations. So in order to make this happen.
What we need to do is find out what does this value of 50.
Really look like. So I have 11 W which is, you know, I'm just giving an example here.
So this would be my whims and then this is my fems.
So I want to know in whims.
I looked at A50.
I need to know what that value is in the percentile.
So when I open up my.
Let's see here how I'm gonna do this back the other way. So I need to have two

datasets. OK.
One of them is gonna be my old whims data set.
That would be this one here that has my old FW thirteens.
I can check that information because one when I look at the data in stations.
And I edit any of my stations, I should see a KB DI threshold of around 100.
I will have a bunch more information in here.
I will probably have an aspect. I will also have.
Have a slope class in here of two so you can start seeing the information.
So that's how I know this is still my old FW thirteens that were in this and this is so I need that database open.
I also need to populate my database from here so I can come in, grab the new fems default database, bring that and hear the instructions for that are right up above.
Faith. Ann, you and I can chat about this.
I still have V2 on here.
We had bugs with V3, so for consistency purposes for right now I had to go back to V2.
So anyways, grab your, grab your database, follow the instructions and I have my data then that I loaded.
So I went and grabbed my station information.
From Fems and I downloaded that you can see my slope class is one. You can also see my average my annual precip numbers are quite a bit different than what are populated here.
Slope class is one slope class versus 2.
It's also important to understand that again, when I go into data, look at stations and I look at the station in here, I will see a KB DI threshold of 100.
And then I set again, the slope class is one and it has the new.
If there is an updated lat long that is updated and then a updated average annual precip.
So once I have my two datasets open, I need to know what did.
You know, I have my.
I've made my sigs because that's how these were calculated.
So I'm going basically, again, how was this?
How was this document created so it was used?
It was calculated utilizing the East Divide SIG.
And so I have that here. This is the West divide.

And I want to know what those numbers look like.
So I'm gonna run a climatology on this, so I go on here.
I do run a climatology.
And of course I just canceled some of the rerun. My climatology. I need it for both ERC and BI.
And I run my whims climatology.
So with this.
Don't need that chart.
Uh.
I can now.
Come into my ERC and I know that I wanted to know what an ERC in Z was.
At what percentile?
So I was looking for a 60 as a breakpoint.
So I come over here, look at my ERC, and I want to get so that my value, my X value is 60.
So I know it's in the 52nd percentile. OK, so I take that number my 52nd percentile.
And I put that in here.
OK.
So that's my 52nd percentile.
I also want to do that for my BI so I I grab my other chart and I say.
I need to know what a fifty was, so I come down here, make sure my.
Value.
Is at A50 for my ex and I get a 44 so I know it's the 44 percentile for that. So I then type in.
My 44th percentile, OK.
So I get that.
So I know that I have my 52nd percentile and I have my forty 44th percentile and I want to find out what those are in equivalent to the fems values OK.
So I go into my fems data set.
See if I can open that up.
And I have my ERC and I know I needed the what was it forty 44th percentile?
Sorry any? Yeah for the for the ERC I need the 52nd percentile so I go in here and say OK 52nd percentile.
So I'm going to be looking at my Y value.
And I get a 58 for my ERC.

So I'm just gonna populate in for my ERC.
I need a 58, so now that's my new breakpoint.
So instead of 60, it's now going to be 58.
I do the same thing as I move down, so I'm just gonna do this for each value and I'm gonna get very. I'm gonna get close, you know? So it's not always gonna be this close.
There definitely could be your your absolute values could be.
More often what this one is showing, but this is the general process that's outlined.
In in the worksheet that page. So. So we're just needing the two databases.
Run your your percentiles and just kind of run them in reverse so you get your absolute value, get your percentile and then get your percentile and get your absolute value for each one, and you're really ready to go.
You'll be able to populate your spreadsheets and it will operate for you close enough until you're able to log or have a.
A.
Have a more fire, thorough fires.
Analysis completed.
So questions on how to go about utilizing that sheet, how to go about getting the quick values?
For this, and I know a lot of people have already done this, but I just wanted to make sure for those that haven't seen it before.
They know what we're working through.
Yes, Mr. Williams.

W **Williams, Brett - FS, AL** 31:50
Thanks Scott.
Kind of newer to this, just want to make sure I'm tracking when you pull FW21 data into our familyplus.
Is it? It's using the 1300 reading unless you click daily extreme.
Is that true?

SL **Scott Linn** 32:08
That is correct.
So firefighter plus isn't operating any different.
So when I bring in my data, it still doesn't matter.

So I'm still looking at this as my 1300.
That's why these two, like I didn't adjust or change this to be my used daily extremes. I'm still looking.
Firefan Plus is still looking at 1300 even though you know the hourly data is all there.
So when you look at data, you know obviously weather and observations.
You'll be able to see that in the FW21. All your data is populated.
In here for this time period. So and that's why it's also kind of easy to have this is that we know there's no gaps in the fems data because it has been all gap filled, so Yep.
So it's still using the 1300?
These values will give you again just so you can continue through this.
Yes, this will be the 1300. If you want to switch over to daily values or daily extremes, then you just click on the use daily extremes button and run it. This way you'll be able to do that.
Excuse me.
So this is just, you know again if if you want to continue 1300 do it this way, just understand that you need to then have your dispatch looking at 1300.
Out of Fems data and not using the daily values out of fem's data.

Williams, Brett - FS, AL 33:35
OK.
Thanks. And then in fems, if you look at the seasonal trend charts that automatically is daily extremes, right?

Scott Linn 33:43
Yeah, correct.
So when we go to, so I'll bring those up.
So if I go to the tables.
And I want to look at 7 mile seasonal trend. These are looking at the correct, the daily daily Max values are what this is looking at the seasonal trends. Now the difference between 1300 and daily extremes.
From what we've been seeing and what I've been hearing from a lot of the users, is there hasn't been a significant difference between them, but you will see some slight differences between those values.
Between the daily extremes in the 1300s.
So so yeah, expect that to occur if you don't utilize.

Start running a trend chart difference, or if you're seeing some absolute value differences, that would be what it is, is the daily extremes versus the 1300, so.

Williams, Brett - FS, AL 34:44
Appreciate that.
So make sure I'm clear.

Scott Linn 34:47
Yep.
What about the period of record on the top right?
None of the raw weather data.
Raw weather obs from WX weather are used between 2022 and present. That is correct.
So that was the question.
So the question is here.
For period of record.
So the reason this was set for 2014 to 2022 and I did not include in here any of the current values is because I know that we have a clean data set.
That infems for this time in this period of record. If you want to run the next two years or three years, understand that your data might be a little bit dirtier overall.
It shouldn't impact your percentile values in the big picture.
But to help I think get through the transition and keep consistency. I would recommend staying with just a nice clean data set while you move forward and then if you want to start adding in.
Other data years you can.
Do that again.
We're trying to get into more of a climatological standard and utilizing what are known good data or what are known at least non known GAAP filled datasets for running our climatology and then adding on additional years as you need to in the overlays to see how those Tre.
Are so when you look at fems for example.
In here you can see that we actually you can see where you're setting these.
Daily Max values over what the historical climatology is. That way you know instead of the old fashioned way, where we include every year. You wouldn't know that you're actually at the Max value of that dime. If you're still trending that way.

So it helps with one the data analysis or the data visualizations.
It also helps with overall understanding our data and again utilizing one single set and we are all talking apples to apples. This is again very similar to what the Weather Service is doing on all of their climatology periods.
They have set climatology periods and then they overlay current years on top of those, not including them in the climatological records.
Does that answer your question, Jamie?

DL **Dunbar, Jamie L** 37:12
Yep, it does. Thank you.

SL **Scott Linn** 37:16
Can Zach, you ask? Is daily Extreme going to be the norm from the grass produced in Fems and Excel sheets that we are utilizing?
So we will be using daily Max values in fems from now on we you can.
That's at least what's being produced out of thumbs because 1300 had no real historical significance.
Except that that's when we used to manually go out.
Take the weather once a day and input the information to calculate fire danger. Now that we have.
Graduated on to fully automated weather stations.
We're no longer manually collecting weather.
We have the capabilities to calculate fire danger every hour, not just once daily. The 1300 had no has no.
No significance anymore to us, except that it's what we have always done. And that's just the what we used to do.
We have and and what is in in fems. If you would like to track your own system, you can utilize whatever hour you would like to use.
You can continue to utilize utilize 1300 and produce your graphs in whatever way, shape or form you would like to fems is not setting any standard for that of saying how this is going to be utilized or what units need to utilize. As far as a time.
If they want to still continue to use 1300, that's fine. If they want to move to 16117 hundred, that's fine.
Whatever they would like to do, if they want to use daily Max, that's also out there.
We are just going to be producing daily Max values because it gives you a much

more realistic picture of your worst case scenario.
Which has always been in fire.
Danger. What we have always wanted to know is what is our worst case scenario for that individual day and or trend?
So that's how we're moving forward with the daily extreme on here follow up.
When when we redo the F dot this winter, should we consider using Firefly plus with daily extremes instead of 1300?
Again, I'm gonna go back to what I just said.
That is going to be up to the individual units of how they would like to move forward and if they would like to continue to use 1300 or if they would like to use daily extreme or if you want to use some other time frame of getting.
Data and utilizing it.
So very much up to the unit on how you would like to and continue to go forward.
I have had conversations all over the board that.
Depending on what units want to do and how they plan to move forward with that.
That answer questions act.

Wagner, Zachary - FS, MT 40:04
Thank you.

Scott Linn 40:07
Does that make sense?
Or do you?
Or do you need more info?

Wagner, Zachary - FS, MT 40:11
No, that that totally makes sense.

Scott Linn 40:14
OK.

Wagner, Zachary - FS, MT 40:14
Yeah, we'll just have to run a couple analysis and see what we're see, what we like.

Scott Linn 40:19

Yep, Yep, no problem.
Yeah, certain places like it.
Other places aren't very, you know, they want to stick with the 13 or 1400 or something like that because they, you know, have operation they they like changing during the middle of the staffing day.
California, I think they're running four times a day. So it all depends on you know where where the unit's at.
So yeah, Carol, go ahead.

Ewell, Carol - FS, CA 40:41
Well, thinking through this daily Max versus you know the 1300 comparison right now if we're using like Osborn's spreadsheet or the FEMS data and it does the daily Max, I'm just thinking it's a little bit of a Pebble in our shoe to compare to like the. Older FDOT percentiles, and, and it's a good note that I don't think we're putting in our fdops.
You know whether we checked that button or not so.
Oh well, right.

Scott Linn 41:10
Well.

Ewell, Carol - FS, CA 41:11
Hopefully a small difference.

Scott Linn 41:14
Yes. So again, what I walked through with everyone is just.
A stepping stone in this big in the process, right?
Like it was a very quick down and dirty.
It'll get you operating and it will get you close in the ballpark again.
Fire danger.
We're looking at general trends. We're not really needing exact numbers.
All the time.
It'll get you in the ballpark.
For where you need to be for the fall time frame until you're finally able to have these broader discussions.

Of what you want.
I move forward with either daily extremes or continue with some other hour within the day.

Ewell, Carol - FS, CA 41:55
Yeah. Thank you.

Scott Linn 41:56
Yes, you need to make notes of all that stuff now.
You will probably want to move forward and part of that analysis process of what you're going to use in the rationale of why.
Other questions on the transition?
I have no other updates at this point.
Mr. Mark Mark Steele, you have questions comments.

Steele, Mark@CALFIRE 42:59
Yeah, it's, it's, it's sounded like you're wrapping up.
I just have one more thing I I would just ask you if I could share a survey for the California S 491 with this larger group since we're get since with the cancellation of the October nafri course, there's 90 some odd students who are now without.

Scott Linn 43:03
Yep.
Of course.

Steele, Mark@CALFIRE 43:19
A course and it'll probably impact California.
I'm I'm assuming so I'll share a link.
And if the link doesn't work for folks.
Just send me an e-mail.
I'm gonna be sending it out wide anyways.
So just wanted to share it so we can get more cadre available.
I think our facility will be big enough to handle a larger group, so this will just get us the number of casual we may need.

Scott Linn 43:45
Thanks Mark for doing that and sharing it.

Heinsch, Faith - FS, MT 43:47
So.
Yeah. Thank you, mark. I appreciate that.
'Cause, I was gonna talk to you about this.
We are for those students who are in the fall course and were tentatively accepted for the fall course. They are getting first dibs at the spring course at Natbri as well, so.
We are still hosting a spring.
No, it's gonna be in that pre. It might be a Missoula.
We are having a spring 491 course.
In April, just don't know when, so.
California is not your only shot.
Just wanted to let you know.
And we'll need help too, mark.

Scott Linn 44:26
Thanks Nathan.

Heinsch, Faith - FS, MT 44:29
So I hope you'll be there.

Scott Linn 44:30
I hear Missoula's nice in the spring.

Heinsch, Faith - FS, MT 44:34
I'm trying to get it for a good week and not, you know like the first week of March.

Scott Linn 44:40
So I'll bring my skis.

Heinsch, Faith - FS, MT 44:43
Definitely bring your ski.

Scott Linn 44:45
Got it.
Eamon.

Engber, Eamon 44:56
Yeah. I guess just to follow up on the spreadsheet.
So at at some point, you're gonna the next release or the release in November may have the station ID and that may break. Break the links to the spreadsheet we've started using and that you've now added to the the FEM site.
So we should just expect that, I guess. Or is there gonna be? Are you gonna try to work to just to make sure that functionality remains or should we just expect to kind of have to rebuild the links?
And then maybe I'll you'll have some kind of a how to on how to do that 'cause. I think a lot of folks are probably gonna be using that that spreadsheet that N OPS developed.

Scott Linn 45:36
Yep. So it will break the query in the background.
So we will have to go through and have probably a walk through of how to change that.
Really it shouldn't, because it's only gonna be.
It's gonna add a column into the.
It'll add a column into the query which will cause it to freak out potentially, and so.
Yeah. So we'll just have probably a hub to do another walkthrough on that one.
In November, December time frame of how to fix your your sheets.
And it really shouldn't be a lot in the query. How to adjust those so?

Engber, Eamon 46:18
Yep, copy.
Thanks Scott.

Scott Linn 46:22
Kristen.

Allison, Kristen - FS, CA 46:24
Why was she going to be a follow on with that?
Is are you going to just?
Put like a blank spreadsheet with the headers up there so we can pull that in easier.
The correct naming of the headers so that we can.

Scott Linn 46:43
Yes, I'm not.

Allison, Kristen - FS, CA 46:46
The naming convention, yeah.

Scott Linn 46:46
For.

Allison, Kristen - FS, CA 46:48
So when you actually pull the APIs you need, like when they match up the names, they've switched a couple times.

Scott Linn 46:55
Mm-hmm.

Allison, Kristen - FS, CA 46:56
Are you going to provide something that actually has the that as the export so we can use it to build stuff or or just to have us download something and then just re pull it from there and then rebuild it?

Scott Linn 47:11
I'll probably just provide how to.
It won't be a grab. The new spreadsheet I'm gonna will update the spreadsheet so it'll be a clean clean spreadsheet for those who don't.

Allison, Kristen - FS, CA 47:19
OK.

Scott Linn 47:20
But then I will also post like a tip on there of how to adjust existing worksheets so you don't have to rebuild everything that you've already built.

Allison, Kristen - FS, CA 47:30
Thank you.
Thank you.

Scott Linn 47:32
Yep.
And I'll probably do a couple of walkthroughs during my weekly training or weekly sessions or the once monthly is all I'll definitely be doing some walkthroughs on how to make those spreadsheets work again.
Of that. So any other option is we can push it forward now and break everything now.
But I yeah, the feedback was hold off on that one and get us through the transition first before breaking stuff.
Other questions? Comments.
For those that need to the user guide, the Fems API information is here.
Please.
If you need access to the API, shoot me a message and I will grant you.
Access to the API so when you log in to fems you should see API key.
And so this would be the what you look, what you'll see if you have access to the API generator.
He'll be able to generate your API key.
So if you don't have access to that and you do need access to the API, please let me know. I can grant you that through FAM auth OK.
I'm not sharing, I apologize.
Let me go back a step.
So when you look in here, you'll see API key.
This'll be what this looks like if you need to get the API generated, so or if you need to keep.
Excellent. Unless there's any other questions, I'm gonna stop the recording for now, and I appreciate you all listening in for the month.

◉ **Scott Linn** stopped transcription