FEMS Office Hours-20260127_130214-Meeting Recording

January 27, 2026, 7:02PM

41m 13s

◉ **Scott Linn** started transcription

SL **Scott Linn** 0:04

So with the meetings now, I think everybody should be seeing that we are hosting these meetings on.

The Nifc YouTube channel and these are getting posted on there.

They're also and they're getting linked into on the film's portal, so if anybody misses these calls easily, just go ahead and look on the fems portal. You'll be able to find these meetings or the updates calls as well. I think most of the ones that I have.

Recorded over the past year, year and a half to your time frame should be posted. Posted on the portal at this time.

They should basically at this point I should have all the meetings that I have posted on the on that on the, on the fems portal.

So if there's anything you missed, you can go back.

You can need to or you can send others that might miss some calls or meetings to those to that place. So.

Let's see here.

So just kinda give everyone a quick update of where fems is at.

So currently we are working on doing.

A. Our next deployment or next release of FEMS, which is gonna be fems 3 point 5.2. What's gonna be part of that is.

Some historical information updates. We're going to be having the restricted networks become visible in fems and so let me give a quick demonstration of what that's gonna look like.

I'm gonna turn off my camera.

Well, actually, I'm gonna open up real quick.

Are there any general questions before I get into this or people have been finding? Issues.

With thumbs that they wanna discuss, talk about anything like that.

Ernst, Sasha L   1:49

Hey, good afternoon.

Thanks for holding these up.

I've missed a couple with the holidays and stuff, but one question I had come up again recently was is there a process for once we identify data that needs to be corrected, how to get that to the right folks? And you know at what point?

Scott Linn   1:56

Mm-hmm.

Ernst, Sasha L   2:11

Are we gonna have any editorial rights to get in and correct things?

So I'll take my answer offline. Thanks.

Scott Linn   2:19

No, no, no, no.

Stay on real quick unless you want to or don't want to.

So how this is it?

So I guess the question is specifically what data are you looking that needs to be corrected.

Is it weather input data?

Ernst, Sasha L   2:31

Yeah, weather input data.

Scott Linn   2:33

OK, sounds good. So weather input data is going to be we're doing an auto, we're working on an auto, correct?

And so when that's that's part of actually the update that is happening right now.

Ernst, Sasha L   2:42

OK.

Scott Linn   2:48

So while you ask to answer your question on this one is DRI just completed?

A new gap filled in QC data check for us and they perform that from.

2020.

23 to October 31st of 2025, and so that should take care of all of the any gaps and or.

Well, any gap data that was in there and it will also QC the data error that was in there. It will not correct those data errors now.

So if there was a value of 1% RH and that's not accurate, that will still show.

But it will let you know that. Yeah, that is, you know, it's outside the normal realm now.

What we're working on doing is.

That one will be deployed, or that one will be released in fem's the end of this week, so look for that to come around.

That will also help us out with some of the data.

That or stations that were not showing up with a period of record.

So any station that was like 2019-2020, 21.

That had been established did not have a period of record in the current data set that will be updated.

It will now show a period of record because it has now at least the three years of data.

To answer how, in editorial rights or editorial editing in Fems, we are not allowing edits in fems for the for any of the input information.

The reason why is because there's no quality control checks of who's editing the data, where they're getting the data from.

And we want to, we're trying to maintain.

A semblance.

That have been that's been identified.

That's been agreed upon from the National Weather Service and and meteorologist.

To apply to this, and So what we're working with is on an automated process that's going to happen every.

One to three days, we haven't gotten the determination yet that will go in identify stations that have missing in QC data issues and we will go in and get the information from DRI on a regular basis. Like I said, every one to three days we'll be going there.

Replacing the information that was either missing.

And or once we do get to the tolerance level set, we'll actually be going through there and checking for the erroneous data and adjusting that.

And then doing a recalculation for that time frame that was missing and or calibrated.

So instead of needing to wait like you know once a year, whatever it is to get those updates, we should be automatically occurring on those you know on a regular basis and near real time is what I'd like to call it.

It's not gonna be real time, but it'll be near real time.

Corrections made to the inputs and we'll also recalibrate then or recalculate the NFTRS codes.

So. So that's the process moving forward with it.

Ernst, Sasha L 5:53

That sounds good. Is that what?

What time span is that going through to do that with?

For the, you know, going through for missing and erroneous data.

Scott Linn 6:09

Which one do we just use?

So we just did up to again for this new period of record update that'll go through October 31st of last year. And then you're gonna have obviously between that time and current time frame, we're gonna have it where we don't have the gap filled, we don't have.

Ernst, Sasha L 6:19

OK.

Scott Linn 6:26

Any of that, it's gonna be if the station was missing, it was gonna be down. And that won't show.

But again, once we get the full automated process in place, we'll probably go back in and do another.

Their Gant filled between to fill in these holes between now and real time so that we can.

You know, make sure that we have a whole data set going forward.

So that's, that's the the long term goal is to make sure that we have.

A stable database that doesn't have the gaps and that has, you know the the tolerance or you know updated.

QC.

Weather information, you know completed.

It's probably gonna be a little, you know.

A while before we can get to that point, but that's you know, where we're trying to get to.

But yeah, those are the general timelines that we're looking at for, you know, October 31st to last year will be when you should have a good clean data set with no gaps of you know, no gaps in it at that point. So.

Ernst, Sasha L 7:28
Great. Thank you.

Scott Linn 7:29
Yep.
Other questions?
Have you even sky?
P/E.
Nothing yet.
OK.
So let's see here what I wanted to share with everyone. So the next release that we have coming out.
I'm going to turn off my camera for the time being.
And.
To your screen.
I hope that's the right one.
Why do you guys see the map of Fems right now?
I just wanna make sure.

Scheintaub, Madeline R 8:21
Yep.

Scott Linn 8:22

OK.

Thank you.

All right, So what were some of the releases on here are going to be? You will see when you go to the filters, you will see that we will have the meso Nets.

In here as well.

And.

I think some of the filters out here.

All right. So you'll start seeing that we have the station Mesonet stations listed.

So we're going to be getting these available out to the users to filter through.

So this will help out.

Those states along the east and central Great Plains area that have been wanting that information, so this will be out and available starting.

Thursday, I'd say Friday this week they're going to be doing the release on Thursday, starting midday, we will be getting a banner out on February stating that we will be doing these updates.

Part of this update as well is going to be adding.

That new period of record for our stations and so somebody has, is anybody having a station out there that had missing data from the past year that they want me to check on real quick?

I'm just kind of curious to see.

RC **Raechel Compton** 9:38
Crow Creek.

SL **Scott Linn** 9:40
What's that?

RC **Raechel Compton** 9:41
Crow Creek.

SL **Scott Linn** 9:42
Crow Creek.

RC **Raechel Compton** 9:45
Just north of Denver.

Scott Linn 9:46

All right.

So and I don't know if my. Let's see here.

I don't know if they have completed yet with my.

Full why is that not showing at all?

That's historical.

All right.

And let's do this.

Is that is that station having issues?

Raechel Compton 10:33

Let me check.

Scott Linn 10:36

Let's see.

Better.

S.

Raechel Compton 10:43

I haven't been getting alerts for it, so I don't think so.

Showing up in fems.

I know you're in staging.

Scott Linn 10:50

It's just me. It's station.

It's giving me a hard time, isn't it? OK.

Raechel Compton 10:53

Yeah. So this one came on later.

Scott Linn 10:55

All right.

RC Raechel Compton 10:56
So it was a 555.

SL Scott Linn 10:59
Oh, that one won't. OK. OK.

RC Raechel Compton 10:59
Number so I don't know if that's a good example, but it was an older one or it was a newer one that came on that didn't have the historical, even though it didn't start till like 2019.

SL Scott Linn 11:07
When did?
Yeah. When did you come in?

RC Raechel Compton 11:11
2019.

SL Scott Linn 11:12
OK.
All right, so let's do the weather.
That one we'll do observations.
Hourly CSV.
We'll bring that one back.
You said it started in 2019 in Crow Creek.

RC Raechel Compton 11:30
Correct.
Yep, that's it.

SL Scott Linn 11:34
OK.
Alright, let's see what that has with it.
But we should be seeing a full data set now for you in the weather.

And like I said, they're still working through the staging and getting.

Oh, come on.

Oh, it broke my staging.

My I'm I'm gonna have to update my staging 'cause it should have it in there.

That's what I'm getting is a broken message. Perfect. OK.

So let me.

RC **Raechel Compton** 12:31

All good if someone else has an example.

SL **Scott Linn** 12:32

Yep, no, no problem.

I this is well, I've been.

Have I need to do any do my clearing and my cache anyways here and?

This device.

Alright, let's try it again. 'cause I I definitely am curious to make sure that it is working.

But they're working again.

They're working on all this these datasets.

Are updating the system right now while we're trying to do our release.

On Thursday, so.

I'm gonna do a real quick try that one again.

And see if there's something that we missed.

The hourly.

CSV.

You guys are gonna doing a very good job of verifying.

Yeah. OK.

Let me find out what's going on with that one.

And why that one's not showing? Yep.

RC **Raechel Compton** 14:07

Thank you.

SL **Scott Linn** 14:10

No problem. That's this is the stuff I need to find out about. So let's see here.

That's Crow Creek.

Station.

ID.

55522246.

All right.

So that will be again.

Let's see here. When we I I know we do have.

Data for and I don't know why that one didn't get brought in if it got missed.

On.

If it got missed on Dr. is peace or what's happening with that one?

But we did get we ran through, you know. Well, I thought we'd verified the stations that they were all listed in there for. Which stations were missing.

So I will verify and let that let get back to you, Rachel, OK.

RC **Raechel Compton** 15:24
Yeah, I appreciate it. Thank you.

SL **Scott Linn** 15:25
And then Yep, Yep.

So that'll be those are the main updates on.

The release that we're having coming up, it's really mainly to get the weather stations, the the Mesa Nets in there and to update that period of record.

The other piece that we were working on was trying to get.

We were building an independent calculator.

But I we removed that out of the code.

Yeah, it's still not even available.

So we're building basically the fire family plus calculator that you used to be able to or that you can run in Firefly plus to calculate NFTRS.

We're building that independent in here as well so that you can run independent or individual simulations or you could run utilizing.

The weather data from a station and initialize it from a station and then you know if you wanted to adjust the weather, the parameters going in, you'd be able to figure out what you're in a firs codes.

Could be.

So we will be.

We're that that has been built, but we're not gonna put that release out until probably.

May of this year so.

So those are couple of things we're working on. Additionally, like I said earlier, we're working on the automation process to try and get the near real time quality checking and gap filling of weather stations.

So that one is coming out.

In a March 8.

I'm sorry. A late March, early April time frame that will be.

Hopefully moving forward, as long as we can get our timelines or everything set that we need.

From that.

And then we continue to work on station management, being that we can adjust stations, turn stations on turn stations off only have stations that only have weather. Be visible and not have them be visible through an FTRS.

So a lot of the individual station management pieces.

And again, a lot of the working on our stability for the code, there's been some NFTS change or code changes that we have been able to work with, Matt on that. We've been capturing some like one of the ones is the KBDI and how it's functioning in Fe. Versus how it's functioning outside of Fems being.

Because of the 1300 versus 2400, yeah, the 24 hour precip that has led to some inconsistencies.

So we're working on trying to get that done and then just also adjusting.

Some of the timing issues and then we're doing research on the snowflake depth to see how that impacts the the NFTRS values. And so none of those will be that won't be brought in just yet, but it is something that we are working on and digging into. This time so.

Let's see here.

Better stop sharing for the.

Umm.

Moving forward.

Just to give a general heads up, we have our contract available again until.

June of this year at that time.

We're hoping that we're well, we're gonna have to wait and see if who gets the the next contract and if it does wind up changing vendors.

We know that that will slow the production schedule down.

A little bit for the remainder of this year.

So we're waiting to find out.

What that looks like come, you know, may time frame. We'll have a better idea of what that is looking like.

So those are general ideas that are general topics of where I guess fems is in the big picture and where we are moving towards, at least for the next six months or so. So questions on that.

Or anything else.

BL **Borsum, Daniel L** 19:59
Dan.

SL **Scott Linn** 20:00
Hey, Dan.

BL **Borsum, Daniel L** 20:02
Hey, we had a question come up at the predictive services meeting.

It's also come up this week in a different angle, which is, you know, we're finding what we think would be use cases for the power BI queries out of fems.

One good example would be the Pacific Northwest generates a data that our table that uses some historical data. Is there an Ave. for getting those reports?

Requested through fems for the power BI.

Feature to be there. Or can you give some overview of that process and how we'd be leveraging it?

SL **Scott Linn** 20:37
Certainly so.

Where we have been focusing and what we want to focus.

On.

The the Power BI piece is.

In general, let's see here. Let me how do I?

Trying to think of how to how to give the background of this without getting into too much his or too much of the weeds.

Fems right now is is everybody. I hope that everybody can see is where we are

working on being in producing NFTRS data and and NFTRS outputs and letting the units develop.

The actual analysis and visualizations that.

They need to from those from those outputs.

So, like we can't produce, you know, break points and everything for all units.

For all stations, that's not really a feasible piece for us. But what we can do and what we're working to try and get are like the percentiles. Like I can tell you, the climatological you know.

Percentiles for, you know, individual stations and we want to start being able to visualize that information. Being able to visualize the station health and you know, overall just universal.

Outputs.

That don't require.

Like fire information or like a fire occurrence data set to be able to be brought in.

Right now, we're not.

We don't have the capabilities to do that.

So with that in mind, if you have visualizations that you would like to see that we can apply at the national level.

That is like, you know, some some sort of trends, yes, bring those up to me and share those with me and we can have those you know try and get those integrated.

In into power BI.

So I guess that's my best bet then would be to say, yeah, give me a call and when you get some time, we can look through what you have and see if we can get that integrated in so.

Borsum, Daniel L 22:55

OK.

Yeah, I'll hit you up with an e-mail regarding that.

And just to throw a simple one out there.

Something that would generate a report on individual station forecast versus observed relative humidity on values.

Scott Linn 23:10

It's not even.

Yeah. I mean, beyond just our age, we wanna be able to do forecast versus observed

for all in weather and NFTRS outputs. So that you can see which stations are aligning with what.

So that was one that we that that is exactly what we you are hitting on is is one of the ones that we talked about trying to get built up here so.

BL **Borsum, Daniel L** 23:34

OK.

Thanks Scott.

I'll hit you with a follow up e-mail on the other one.

SL **Scott Linn** 23:38

OK, perfect. And if you have examples like that would be great stuff. I have. You know, we have a SME working on that and I can we can bring him in on a call and see if they can pull that one together for us fairly quickly so.

Other questions?

Doesn't it really have questions about GSI?

Come on. That's always the topic.

RC **Raechel Compton** 24:28

Can you consolidate all the GSI conversations into one and make it 1 you 2 split, split them all together?

Use AI ChatGPT summarize.

SL **Scott Linn** 24:36

Yep, I know. So.

So we had a.

So last week was our our film Jing and Matt.

So Matt was down with us in that meeting and he's been working a lot on getting.

Getting some automation built up for this and I you know, the conversation that him and I had was really that one of the biggest single biggest things that he could do right now is get us.

A automated process to get.

The calibration.

You know for stations, areas FTR as you know zone of influence from from individual stations.

And so he is working on that one. You know, this week. And I'm hoping, you know, next I should say the next couple of weeks. And I'm hoping to be able to get the code from him fairly soon that we may then be able to start implementing that. Process going forward and instead of units having to do all the calibration work themselves, we're really.

They trying to have it so that it's an automated process.

And you know, make that change occur.

I know that if we were to do that, they're gonna have to have lots of communications and careful communications about that won't be implemented before without anybody's knowledge.

So don't don't think that that change is occurring, but I'm just letting you know we are. You know, we've been working pretty heavily with Matt here, especially the past couple of weeks to try and get that process set up.

So.

I know it's not your final answer, but I am diligently working on it.

Is I think it's the single biggest issue right now for NFTRS is the way that I view it. So yeah, Rachel.

RC **Raechel Compton** 26:30
If we're considering using GSI and don't calibrate it and move forward, is that gonna mess everything up or do we have to like redo analysis after you guys change things?

SL **Scott Linn** 26:36
Mm-hmm.
Like I said, for this year, I think you'll be fine.

RC **Raechel Compton** 26:47
Yeah.

SL **Scott Linn** 26:48
You know, go ahead.
Do what you need to and especially 'cause you know, as we've talked before, I think some of your areas aren't gonna need a lot of adjustments.

RC **Raechel Compton** 26:56

Yeah.

SL **Scott Linn** 26:56

I think they the trends match really well.

RC **Raechel Compton** 26:58

Yeah.

SL **Scott Linn** 26:59

But yeah, some other areas.

Yes, we'll there's probably gonna have to be, you know, once we do implement it.

Yeah, there might need to be some reassess completed so, but I don't know what that's gonna look like just yet. So.

Trying to get a stabilized product for everyone.

Is what we're trying to do.

Hey, Madeline.

SR **Scheintaub, Madeline R** 27:36

So with the GSI calibration, I mean there's been different ways of approaching this out there.

Can like what I I guess now sometime I'd like to know what this what Majali is working on.

You know, with more specifics like calibrating against what?

In what spatial area?

Stuff like that.

SL **Scott Linn** 28:06

Yeah. So what he's done is.

He worked.

He work. He's been working with Texas.

I don't know about a year and a half. Two years now on specific out of their areas in their state.

And he's he's taking the information that he's learning, learned from them and how

they, you know, the processes to go through with them. And he's trying to find out a way to take that.

And automate you know that information and really the main pieces that he found for this are that.

The VPD is the biggest X Factor out of the majority of this temperature has.

Is a pretty stable outputs and he hasn't, you know, between the difference areas, different climatology here, different areas in the country. He's been able to kind of maintain that that temperature threshold because plants react no matter what.

Pretty much the same as what it is or what that temperature thresholds are.

You can't put a -20 in there and expect the plant to start coming out of, you know, dormancy at that temperature.

It just doesn't exist.

And So what he found is really the VPD, the 95th and and the sorry, the 75th and the.

50th percentiles are.

Very good threshold.

To begin the finding, the VPD minmax values and and getting the the stations within that range.

Will has been very successful in being getting everybody really close in the ballpark.

The next piece that he is continuing to work on right now is the precip thresholds and as well, and then the other one.

That's fairly easy to automate that we can do.

Who is elevation or day length in and day length can also be attributed to latitudinal deviation.

So again, that's fairly easy to adjust.

So. So those are the automations that he's working on trying to get honed in for each individual area.

Based on looking at the work that he did and the reason why I did this is because he's basing the information off of fire currents.

In general trends of.

The areas that he'd been seeing or that they worked with in Texas of when Greenup has occurred, when they're seeing fire occurrence and and when.

Dermansy was, you know, beginning to occur. So that was really the overall piece of what it was.

He wasn't going in.

And you know, taking any live moisture samples or anything like that because again,

as we've talked about before, the live fumes, you're samples themselves is, you know, GSI is not a direct measure of of that.

It's not.

It's it's I guess similar to like, you know Nelson dead fuel model is is slightly different than fosburg. And so the model is giving us certain outputs that are different and we have to recalibrate our brain. Same thing when you plug in the you know when you see.

The live fuel moisture trends, they're not going to line up exactly with a measured live fuel moistures are out in the field because they won't be that way.

You can't go out to a plant and get a 30 for a live fuel moisture percentage in an herbaceous crash.

Should be. You know, it's literally completely dead most of the time when we start seeing that, especially when the fire behavior types of models is 100, you know, below we start seeing some real activity and that's when things are really starting to cure out, but we model.

That as a 30 in NFDRS.

So those are those are, I guess some of the ways to think about things is it's it's not like we're going out and sampling and and applying that to calibrate it.

He's he's going off of more of the fire currents.

Information.

And phenology of the plants, so.

I probably lost 3/4 of you. I'm guessing on that conversation and I apologize.

SR **Scheintaub, Madeline R** 32:26

I think that was helpful to me though.

SL **Scott Linn** 32:29

OK. Thanks.

I was told during the last what was it? One of the last I think it was a fire refresher that to have the fire nerds go first 'cause it. We were talking way over them and I was really not trying to talk over people.

I was really just trying to bring up the difference between Nelson and Faisberg and that they need to be careful utilizing that and apparently that was way over the head of the audience so.

I was a fire nerd, apparently.

How's Kbdi looking, Turner?

ST **Scott Turner** 33:20

Everybody that I talked to says that it's over.

Compared to what they've traditionally seen, but then also the numbers are, like you said, the thins they're looking at the numbers slightly differently.

So I think it's just an adjustment to to the mental picture.

SL **Scott Linn** 33:36

Have you seen a flat line recently?

I've been watching some of some viewing. Some of these stations and I'm not seeing any response from Kbdi from the storm that you guys recently had, and I'm kind of concerned that we might have something happening.

ST **Scott Turner** 33:48

I haven't really been.

I haven't looked too hard at the KB eyes, honestly.

They're part of our RX tab I built out in Excel, but otherwise like I don't have track or trend it very well.

I know talking with I helped out in Arkansas with an F stop recently and they brought up.

They had like two or three stations specifically that were like outliers.

Which I'm pretty sure you already know about.

SL **Scott Linn** 34:15

Have those I haven't tracked back the last time I talked to them was December and they had some really funky numbers happening down there within miles of each other.

But the weather inputs were.

Kind of lining up that way. It was really, I don't know.

It was not the kbedi.

It was.

It was on the weather input side, like certain stations reading like four or five inches

of rain and others were having like 1/10.
And I couldn't.

ST **Scott Turner** 34:43

I honestly think a lot.

Well, yeah. Whenever I I think of some of their stuff is just how the stations are sitting 'cause they get some spotty precipitation just like we do along the coast.

And so possibly we have.

I have two particular stations in southern part of the state within like 10 miles of each other and one will give a significant amount of rain. The other will get nothing.

But we have some underlying stuff going on with the SPEI.

That does, along with some of the KB D IS, but at the same time.

Do I feel like they should be at the six and 700 range that we had all through December and January?

I'd have to dig in, let you know.

SL **Scott Linn** 35:27

OK.

Yeah.

Yeah, I'm curious to see if you don't mind doing, if you wouldn't mind doing some quick spot checks for me. I wanna make sure that we're getting responses.

Matt had some visualizations that he was just bringing up to me saying he has not seen any.

He was seeing some some flatlining and when I looked at a couple of stations real quick I was seeing that response, but I kind of bouncing around some of the stations in Mississippi and I'm also getting seeing some with some significant drops in values. You know, upwards of 400 down to 100 type of stuff, which I would expect with, you know, I think the event that you guys just had go through there.

So I'm like, OK, that that does make sense, so.

ST **Scott Turner** 36:12

I'll miss out on a lot of that stuff, though.

SL **Scott Linn** 36:12

But I'm just kind of curious to see.

ST **Scott Turner** 36:14

Like, yeah, we got to rain, but we didn't get, like, nearly. We didn't get nearly the effects that Mississippi, Tennessee and Georgia did.

SL **Scott Linn** 36:21

OK.

ST **Scott Turner** 36:22

Like we like we we had this weird bubble.

SL **Scott Linn** 36:23

OK.

ST **Scott Turner** 36:24

They're the only real winter storm precipitation we got was in the northwestern corner.

SL **Scott Linn** 36:30

OK.

ST **Scott Turner** 36:32

And yeah, weather models kept on bouncing between, like we're gonna the worst case scenario is half of the state was gonna be impacted.
We only got like maybe four or five counties worth. And as a partial day.

SL **Scott Linn** 36:43

Yeah.
OK.
All right. OK.
Well, that's good verification for me.
I appreciate you checking that out for me, if you don't mind. And hearing that and just good validation that it might not be as far off as I was thinking. So, OK, good.

Scott Turner 36:55

Yep.

Scott Linn 37:20

So Jamie, I just saw your message in the chat that it seemed like the POR for Horseshoe House and Locust Gap.
Are valid.
So that's good.

Dunbar, Jamie L 37:33

Yeah, I went in and and checked it out and was able to download the what I expected. The period of record to be.

Scott Linn 37:40

OK.

Dunbar, Jamie L 37:42

And a quick question going back, I went to the nifty site because I've missed the past month or so meetings due to conflicts.

Scott Linn 37:43

OK.

Dunbar, Jamie L 37:50

What's what's the most recent one that you've posted 'cause I want to catch back up on everything.

Scott Linn 37:59

Let me the last meeting that we had, it should be posted on the portal so.

Dunbar, Jamie L 38:05

It was like November ish. Think.

SL **Scott Linn** 38:08
Wasn't there one December should be one. From December, I thought.

DL **Dunbar, Jamie L** 38:13
Let's see.

SL **Scott Linn** 38:13
Didn't I have I thought I had a couple in there in December, or at least one or two.

DL **Dunbar, Jamie L** 38:18
Because I've got November 18th is the last one.

SL **Scott Linn** 38:22
Is the last one on the portal.

DL **Dunbar, Jamie L** 38:24
Yeah. Yeah. On the YouTube channel.

SL **Scott Linn** 38:26
OK, OK.
Alright, I will find out.
I know I've been having some.
Yeah, November 18th is the last one I posted.
I'll see what I can do to get those other ones up there.
And I may have neglected to push the record button.
On it I usually do though, but I'll check.
I'll see if there's somehow hidden in my stream and I can get those posted again or get them downloaded and and brought in so.

DL **Dunbar, Jamie L** 39:00
OK.
I appreciate it.

SL **Scott Linn** 39:02

Yep.

SR **Scheintaub, Madeline R** 39:07

I think there is a December 17th.

That we had.

SL **Scott Linn** 39:12

Yeah, I thought we had a couple of them in there, didn't I?

And I know I had some other meetings, so.

So I will check.

I'll see what's happening.

Any other questions discussion.

Rachel, I'm chatting with my developer just so you know.

He's he shared the file with me, so we have it from.

February 1st of 2020.

For Crow Creek.

But I'm trying to find out why it wasn't downloaded for me so.

He's digging into it, but I know we do have the file, so it was not missed.

Too many jumped off.

Any other questions for this week?

All right, Dylan, we still on for next week.

DR **Dylan Rader** 40:49

Yes, we are, Sir.

SL **Scott Linn** 40:51

OK. Are we meeting up this afternoon?

Is that today or tomorrow?

DR **Dylan Rader** 40:54

Wednesday, no tomorrow. Tomorrow afternoon. To do a pre plan? Yep.

SL **Scott Linn** 40:55

Tomorrow. Tomorrow. OK. Sounds good. OK.

DR **Dylan Rader** 40:59

Thank you, Scott.

SL **Scott Linn** 41:01

Excellent. Looking forward to it.

All right, we'll chat next week, everyone. Thanks for your time.

◉ **Scott Linn** stopped transcription