

## Suffern Paul

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**From:** [REDACTED]  
**Sent:** Monday, March 30, 2020 4:14 PM  
**To:** [REDACTED]  
**Subject:** FW: CSX Flash Flood Warning Questions

Gentlemen,

A second set of e-mails provided by CSX regarding other weather thresholds....please scroll down the e-mail thread, thanks.

Paul,

You may have had some of the limits or practices about UP standards already separate from those depicted in the previous e-mail just sent, but I think this set of e-mails adds more to the picture and process, right? Funny how these things wander into our sandbox....especially in a timely manner.

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**From:** [REDACTED]  
**Sent:** Monday, March 30, 2020 3:23 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: CSX Flash Flood Warning Questions

[CAUTION] This email originated from outside of the organization. Do not click any links or open attachments unless you recognize the sender and know the content is safe.

[These are the thresholds from Accuweather that they use.](#)

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**From:** [REDACTED]  
**Sent:** Monday, March 30, 2020 4:38 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: CSX Flash Flood Warning Questions  
**Importance:** High

[WEATHER WARNING CRITERIA FOR CSX.](#)

**Jena Wellman**

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Friday, March 27, 2020 4:57 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]

**Subject:** [E] Re: CSX Flash Flood Warning Questions

**Importance:** High

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[E] - EXTERNAL SENDER

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Good Afternoon Jena,

Sorry for the delay in getting back to you. SkyGuard Flash Flood Warnings are sent to CSX when 3 inches of rain is expected in 3 hours or less. There are areas throughout CSX's tracknetwork that CSX provided AccuWeather as know flash flood prone areas. In these flash flood prone areas, lesser amounts of rain can trigger a flash flood warning. Below is a list of all the SkyGuard Warning criteria.

## SkyGuard Warning Criteria:

- Tornadoes within 3 miles of track
- Winds 55 mph or more on most of the track
- Sustained Winds of 35 mph or more in areas where CSX operates lift bridges (59 total bridges)
- Flash flooding, 3" in 3 hours or less
- Snow 2 inches or more across entire track network (changed 12/13/2010)
- Any Accumulating Ice
- Cold Temperature Warning of Zero degree or colder temperatures expected to last for 4+ hours
- Cold Temperature Alert of 10 degrees or colder temperatures expected to last for 8+ hours
- High Temperature Warning of 90 degrees or higher temperatures expected to last 4+ hours
- Temperature Change 30 degrees F in 3 hours or less (regardless of temperatures).
- Earthquakes of 5.0-5.4 within 30 miles of track, earthquakes of 5.5-5.9 within 50 miles, earthquakes of 6.0-6.9 within 100 miles, and earthquakes of 7.0 or greater within 150 miles.
- Tornado Watches
- Severe Thunderstorm Watches

Please let me know if you need anything else or have any additional questions.

Thank you,

Guy

**Guy Pearson**  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

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**From:** [REDACTED]

**Sent:** Friday, March 27, 2020 5:55 AM

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** RE: CSX Flash Flood Warning Questions

Good Morning Mr.Pearson,

Just following-up on this information. I appreciate any help you can provide – if you have any questions, please contact me at my cell number listed below.

Thank you for your help and I look forward to hearing from you soon.

**Jena Wellman**

[REDACTED]

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**From:** [REDACTED]

**Sent:** Tuesday, March 24, 2020 3:27 PM

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** RE: CSX Flash Flood Warning Questions

I'm sure you were bombarded with many requests for this information, but we did not get an opportunity to discuss. I need to start with the criteria for Flash Flood Warnings right now, but if you have information on all weather warning criteria, I would like to have that also.

Thank you for your help.

**Jena Wellman**

[REDACTED]

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**From:** [REDACTED]

**Sent:** Tuesday, March 24, 2020 2:06 PM

**To:** [REDACTED]

**Subject:** [E] Re: CSX Flash Flood Warning Questions

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Good Afternoon Jena,

Are you looking for all SkyGuard warning criteria for CSX or just flash flood warning? I thought we talked about the flash flood criteria over the phone? If not I apologize. Just let me know and I can get you the information very shortly.

Guy

**Guy Pearson**

[Redacted]

[Redacted]

[Redacted]

[Redacted]

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**From:** [Redacted]

**Sent:** Tuesday, March 24, 2020 11:28 AM

**To:** [Redacted]

**Cc:** [Redacted]

**Subject:** FW: CSX Flash Flood Warning Questions

Mr.Pearson,

Just following-up on this, can you provide what criteria trigger the weather alerts that are sent to CSX?  
I also called and left a message for you at your office #.  
If you are not the correct contact, can you please point me in the right direction.

Thank you for your help and I look forward to hearing back from you soon.

**Jena Wellman**

[Redacted]

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**From:** [Redacted]

**Sent:** Tuesday, March 3, 2020 11:19 AM

**To:** [Redacted]

**Cc:** [Redacted]

**Subject:** FW: CSX Flash Flood Warning Questions

Mr.Pearson,

I was tasked with getting information on Flash Flood warning alerts for CSX. Do you have the criteria that triggers an area to go under a Flash Flood Warning?

Thank you in advance for your help and I look forward to hearing from you soon.

**Jena Wellman**

[Redacted]

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**From:** [Redacted]  
**Sent:** Monday, March 2, 2020 3:38 PM  
**To:** [Redacted]  
**Cc:** [Redacted]  
**Subject:** CSX Flash Flood Warning Questions

Can someone contact me on the parameters that trigger a flash flood warning on CSX? Any assistance would be greatly appreciated.

**Jena Wellman**

[Redacted]

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**From:** [Redacted]  
**Sent:** Monday, November 26, 2018 1:38 PM  
**To:** [Redacted]  
**Cc:** [Redacted]  
**Subject:** [E]RE: Snow Warning 5970

Good afternoon,

Mr. Hess has been set up to receive the same weather warnings as Mr. Brass. If there are other products that he's missing, please let me know and I'll make sure he gets configured to receive those too.

Thanks,

**Dan Goff**

[Redacted]

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**From:** [Redacted]  
**Sent:** Monday, November 26, 2018 09:26

**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: Snow Warning 5970

Mr.Hess needs to receive the same weather warnings/alerts that Mr.Brass receives.

Please let me know if you need any additional information.  
Thank you for your help.

**Jena Wellman**

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**From:** [REDACTED]  
**Sent:** Monday, November 26, 2018 6:16 AM  
**To:** [REDACTED]  
**Subject:** FW: Snow Warning 5970

Jena,  
Can we get Jaosn Hess added. Thanks

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**From:** [REDACTED]  
**Sent:** Monday, November 26, 2018 5:14 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Re: Snow Warning 5970

I don't get them.

Sent from my iPhone

On Nov 26, 2018, at 05:08, [REDACTED] wrote:

I'm getting tons of these do you get them?

Sent from my iPhone

Begin forwarded message:

**From:** [REDACTED]  
**Date:** November 26, 2018 at 05:07:35 EST  
**To:** [REDACTED]  
**Subject:** Snow Warning 5970

**CSX Railroad**

**SNOW WARNING NUMBER 5970**

EFFECTIVE 18:00EST HOURS 2018-11-25 UNTIL 08:00EST HOURS 2018-11-26

EXTENDED: Snow will develop across the area this afternoon and will continue through this evening. Snowfall accumulations of 3 to 6 inches are expected with rates up to 1"/hr. Gusty winds will also accompany this snow with wind gusts over 40 mph creating blowing and drifting of snow along with blizzard conditions. Separate wind warnings will be issued as conditions warrant.

BU/SL DIVISION	SUBDIVISION	STATIONS
CHICAGO	NEW ROCK	MP BIF 39.5992 - JOLIET, IL to MP BIF 63.9992 - STOCKDA IL

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