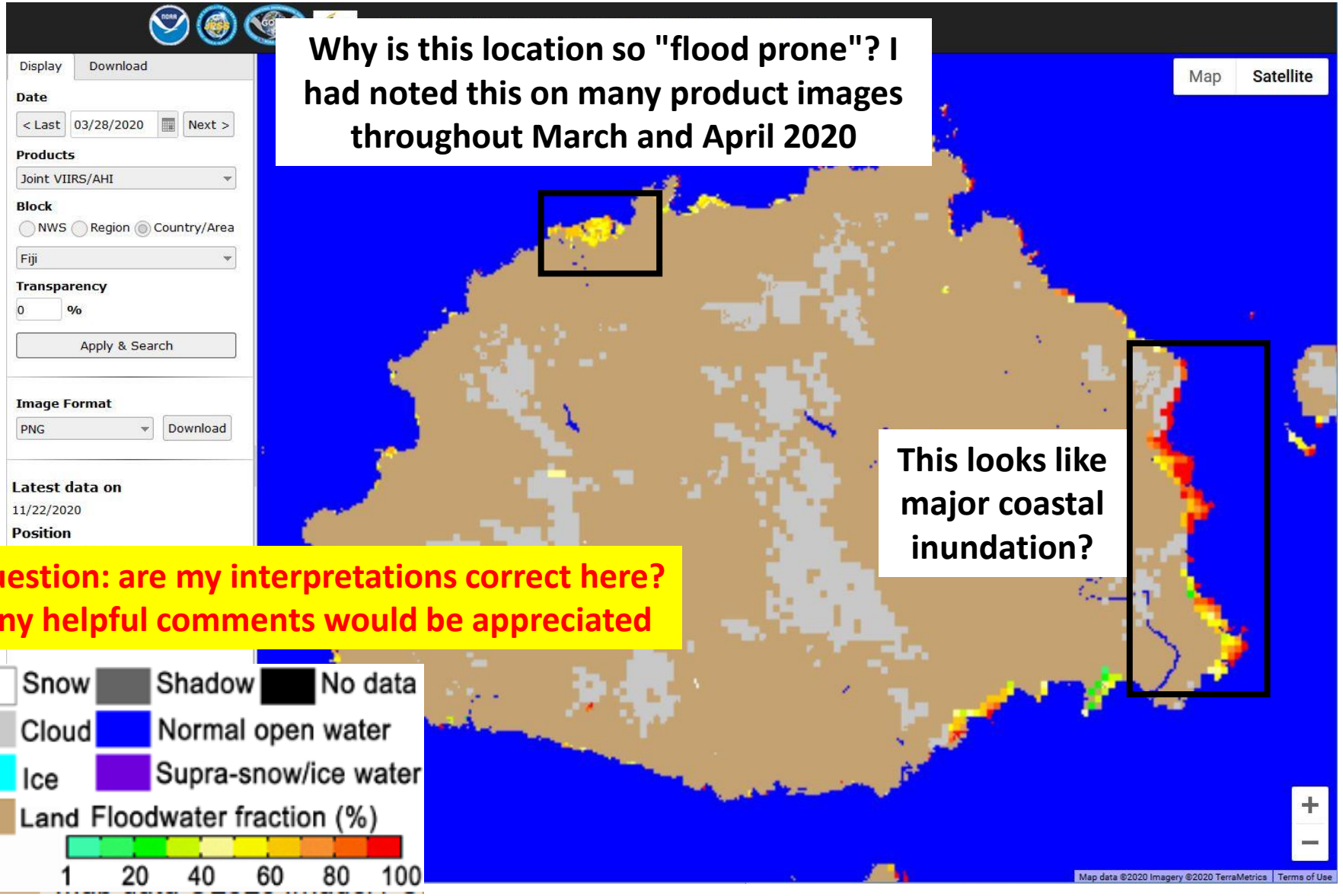
Fiji flooding, 28th March, joint VIIRS/AHI data

Image extracted from the archive at https://jpssflood.gmu.edu/



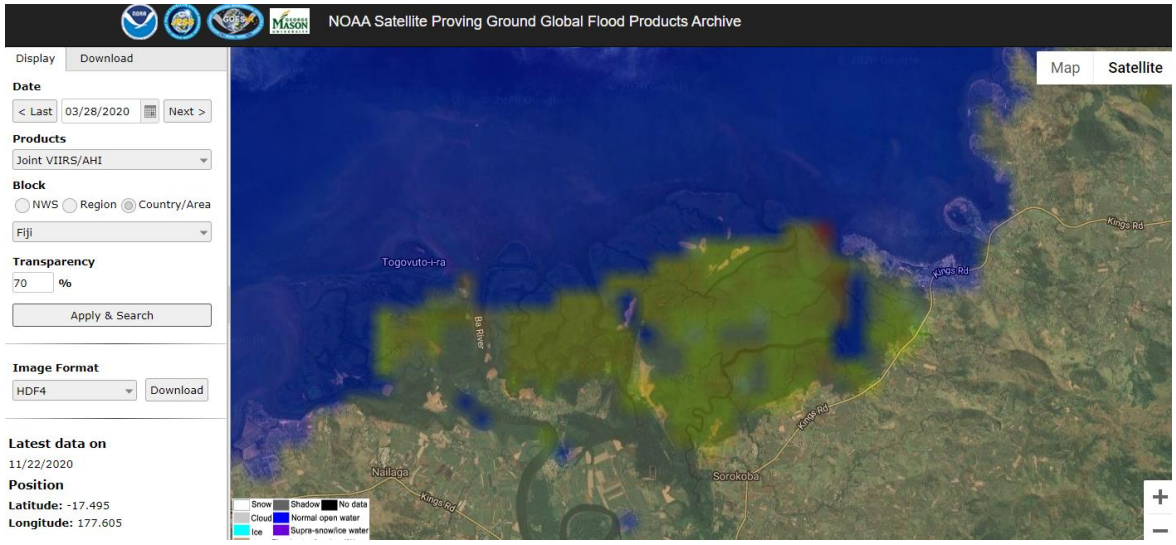
Fiji flooding, 28th March

joint VIIRS/AHI data

William Straka response

william.straka@ssec.wisc.edu

The transparency tool I mentioned is handy in identifying what is going on. This option is also available on the archive site, though you have to hit "apply and search" each time you change the transparency. By setting it to 70% transparency, you can seen that the area in the Ba region is indeed the marshland



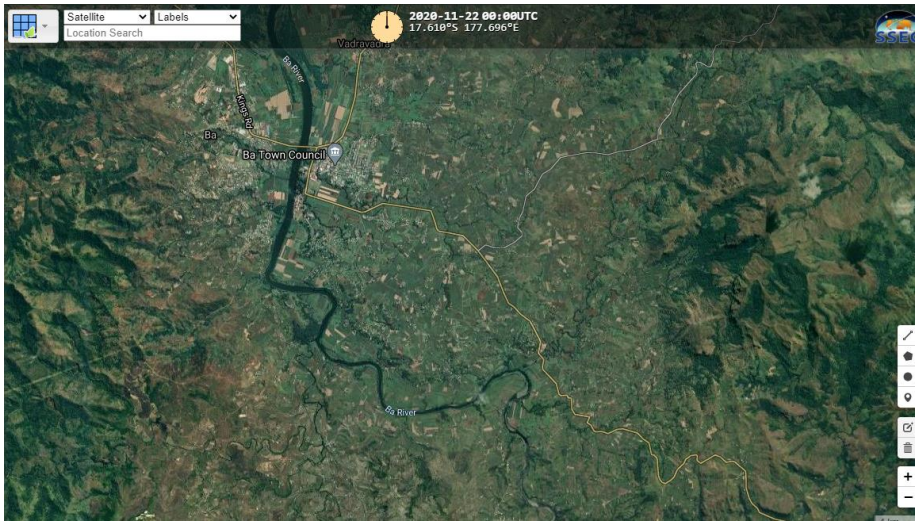
images courtesy

Fiji flooding, 28th March

joint VIIRS/AHI data

William Straka response

In the case of the Ba River valley, that is a very agricultural region, specifically for sugar cane farming.



In addition, the coastal region is a marshland

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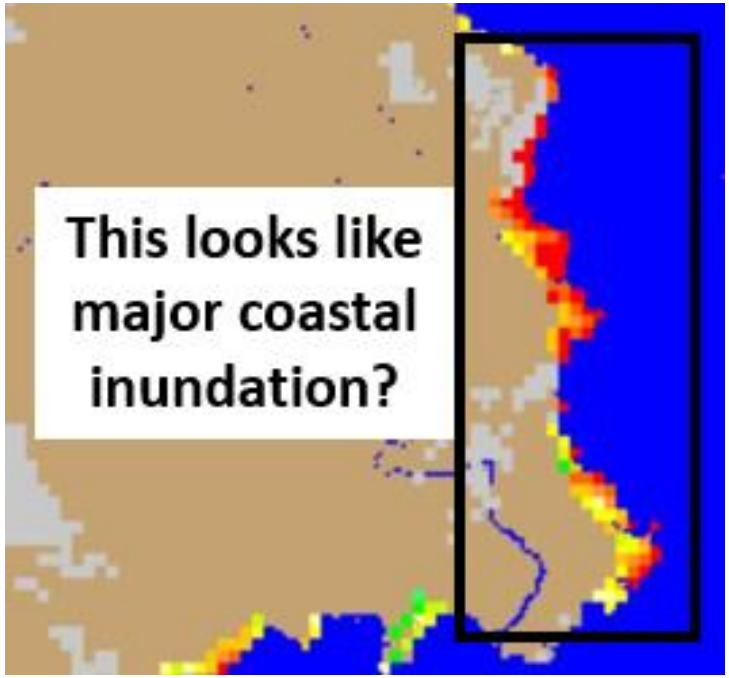
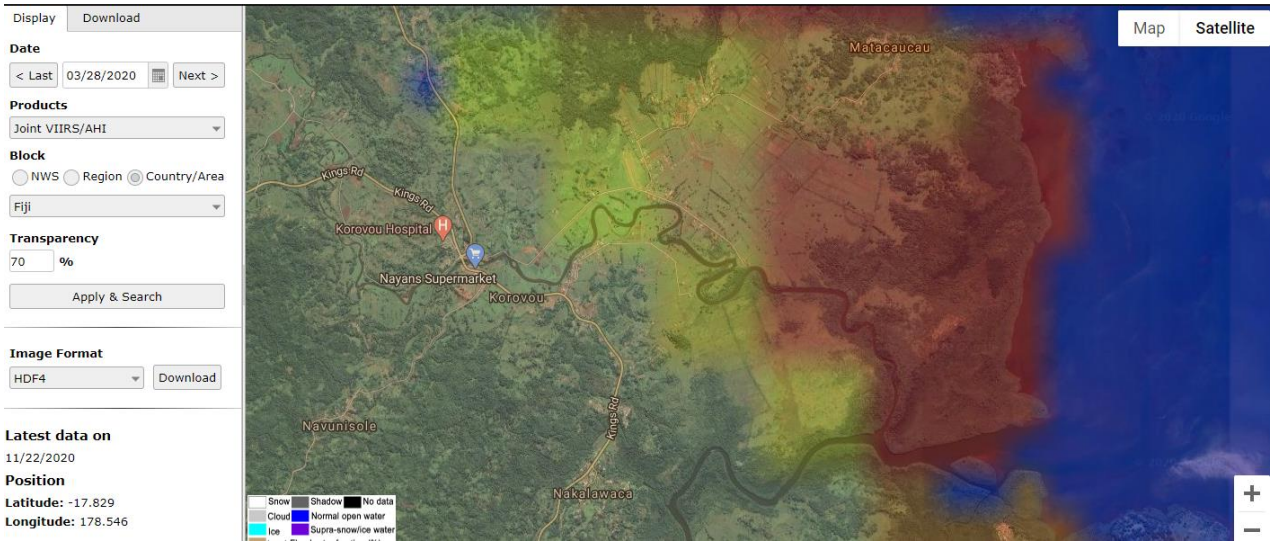
Fiji flooding, 28th March

joint VIIRS/AHI data

William Straka response



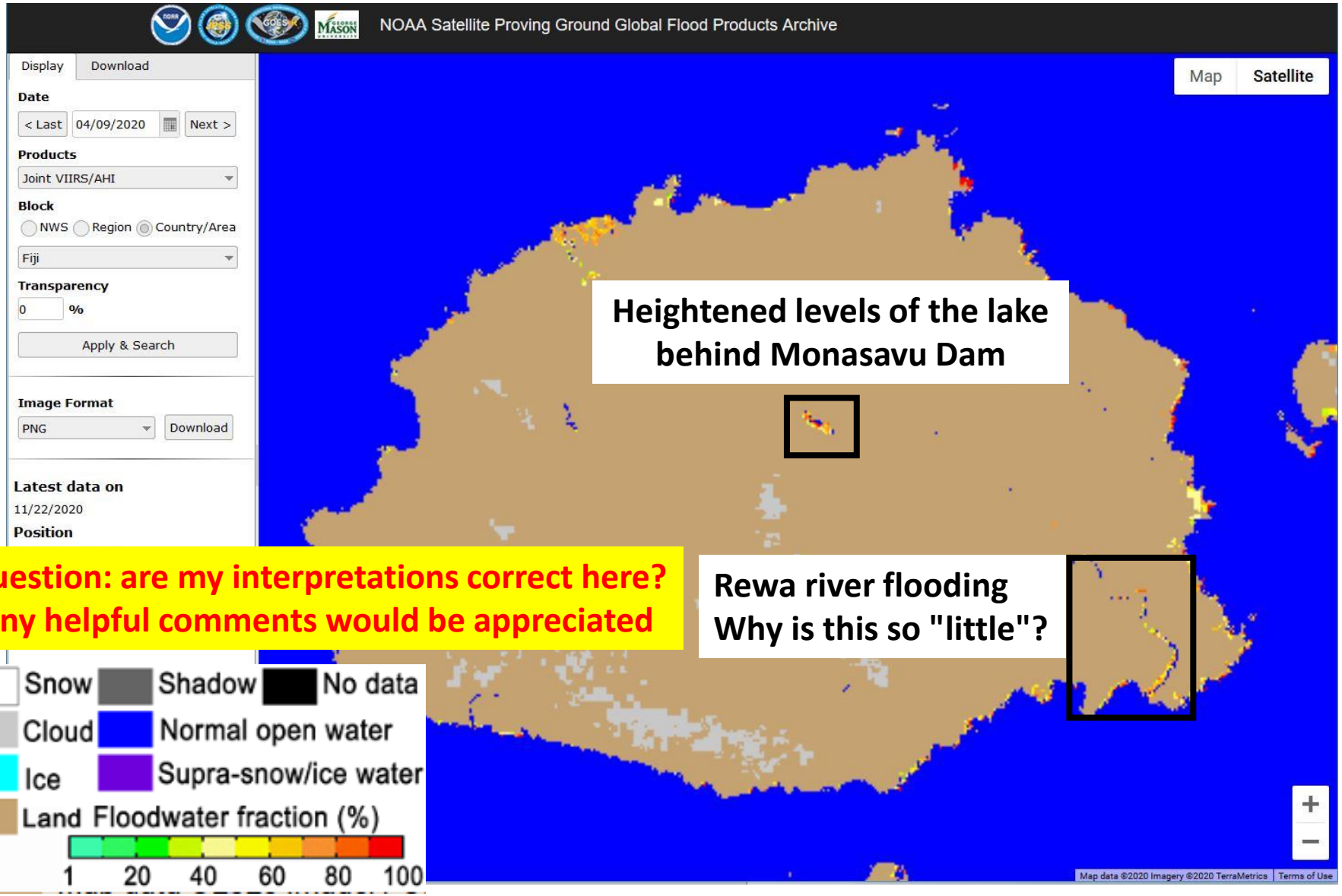
The transparency tool I mentioned is handy in identifying what is going on. This option is also available on the archive site, though you have to hit "apply and search" each time you change transparency. By setting it to 70% transparency, you can seen that the area on the eastern side of Fiji is marshland and tidal regions



images courtesy

Fiji flooding, 9th April, joint VIIRS/AHI data

Image extracted from the archive at https://jpssflood.gmu.edu/



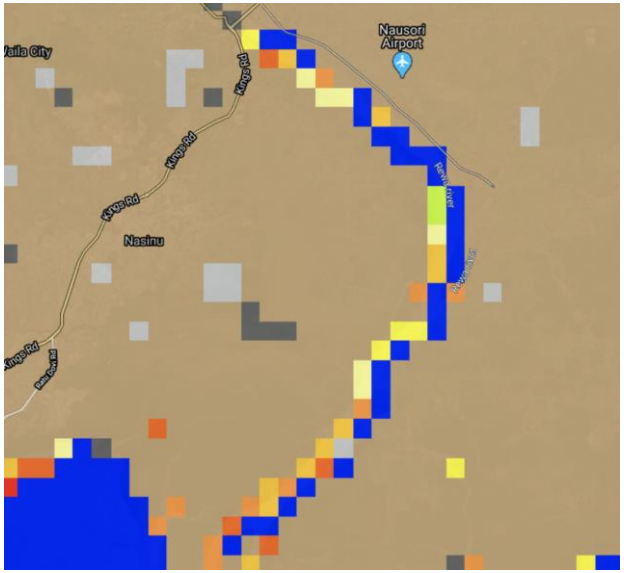
Fiji flooding, 9th April

joint VIIRS/AHI data

William Straka response

Cyclone Harold was in early April. On 9 April there was minor flooding along the Rewa River

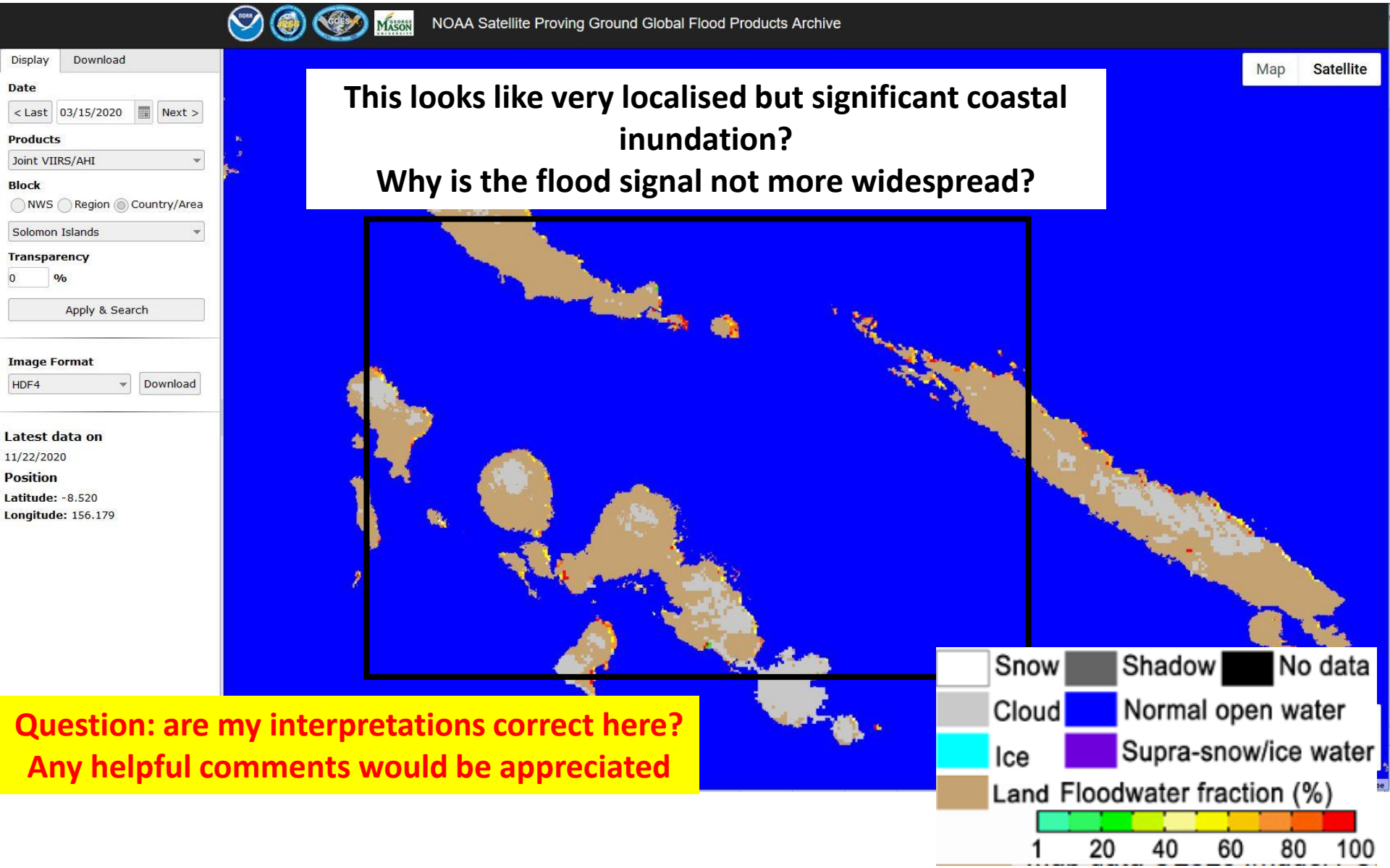
Information from the ground, as passed along from the United Nations confirmed this minor flooding that was occurring. In addition per the UN utilizing very high resolution imagery, they further confirmed only minor flooding on the southern parts of the island and very limited. This further confirmed the flooding seen by VIIRS



images courtesy

Central Solomon Islands flooding, 15th March, joint VIIRS/AHI data

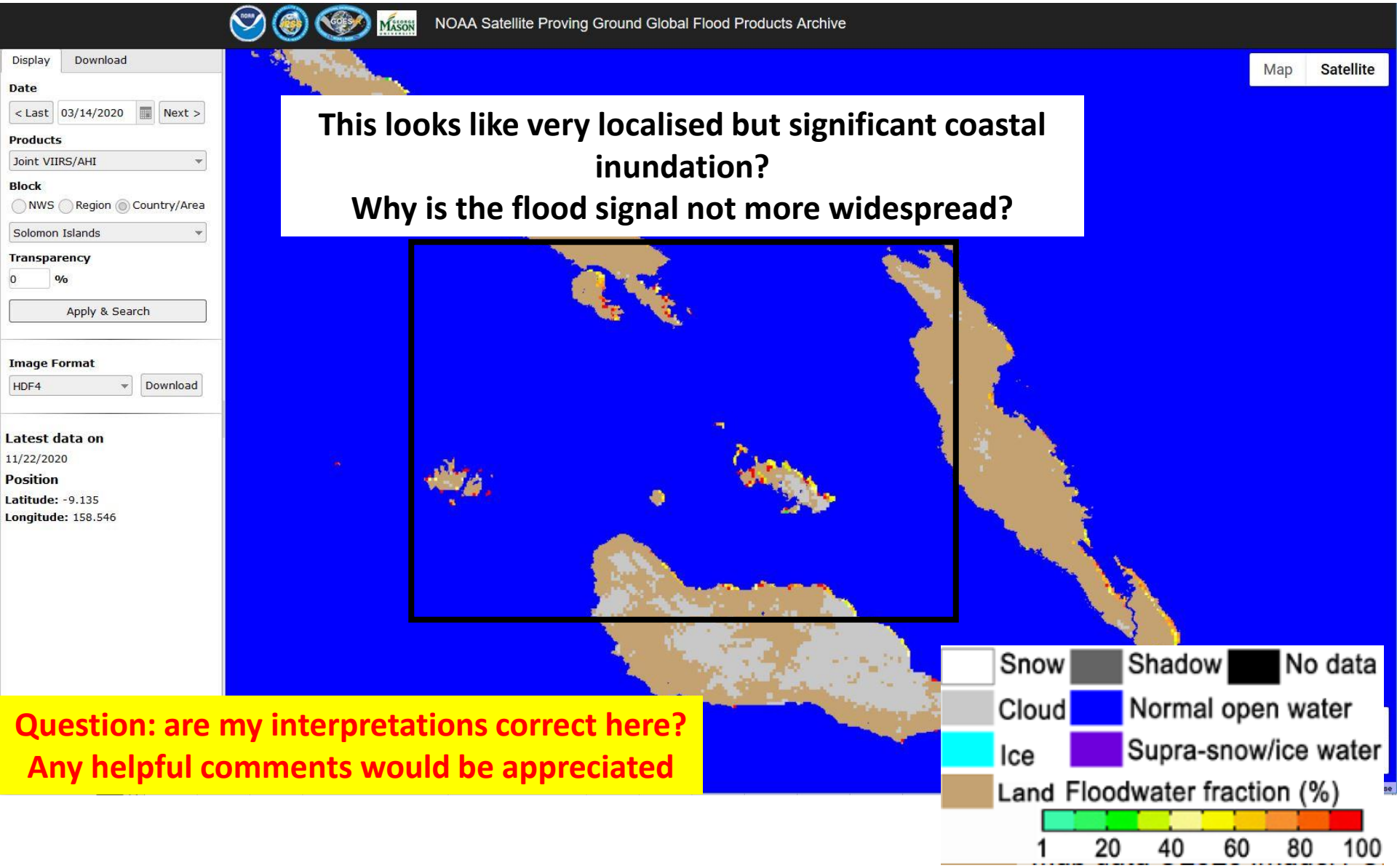
Image extracted from the archive at https://jpssflood.gmu.edu/



Question: are my interpretations correct here?
Any helpful comments would be appreciated

Solomon Islands flooding, 14th March, joint VIIRS/AHI data

Image extracted from the archive at https://jpssflood.gmu.edu/



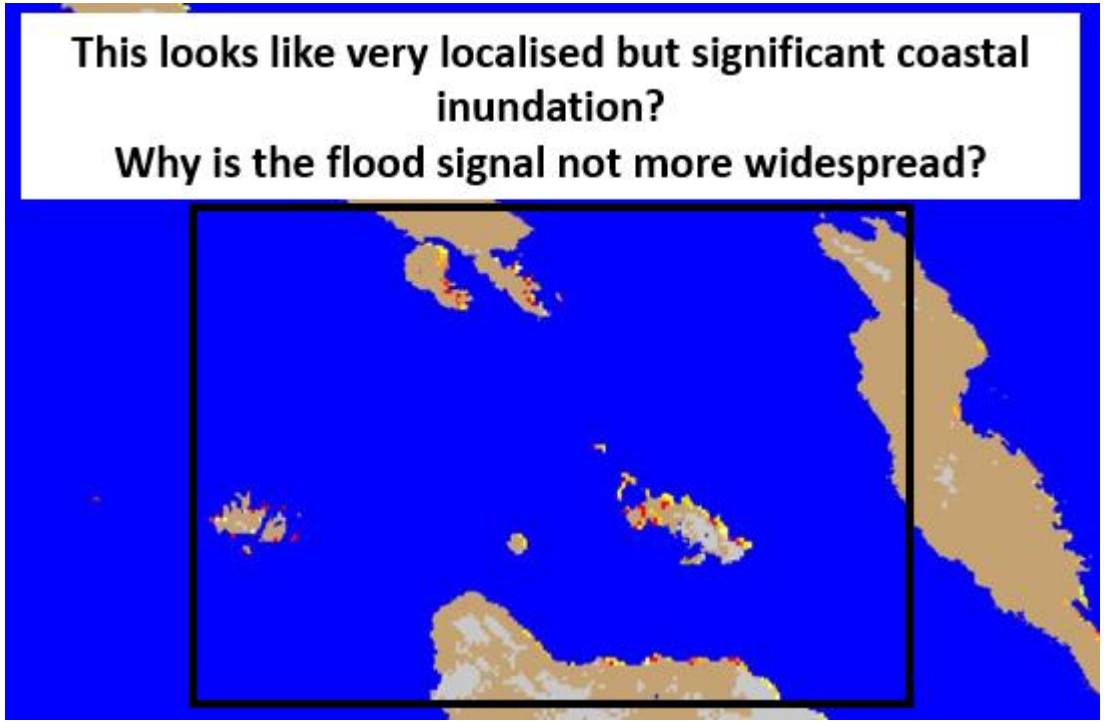
Question: are my interpretations correct here?
Any helpful comments would be appreciated

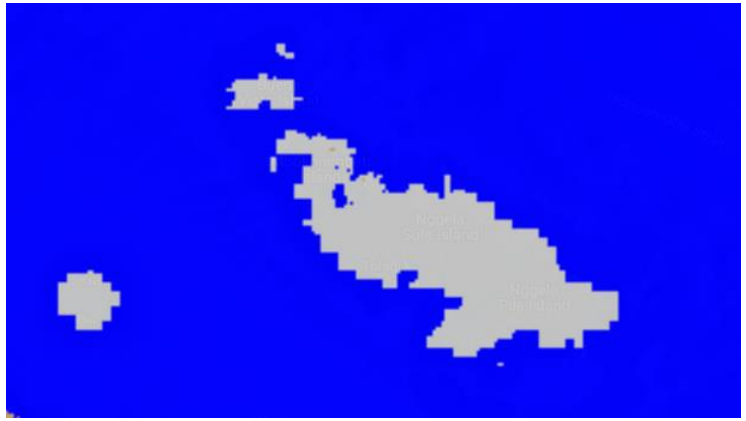
Solomon Islands flooding, 14th March

joint VIIRS/AHI data

William Straka response

In the case of the 14 Mar. Solomon islands case, there is a good possibility there is actual flooding going on. However, the area was AHI only, as VIIRS was cloudy for both overpasses. As such, you are limited in this case to the AHI footprint. Same with the 15th in the central islands.





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