

Krupa, Steven

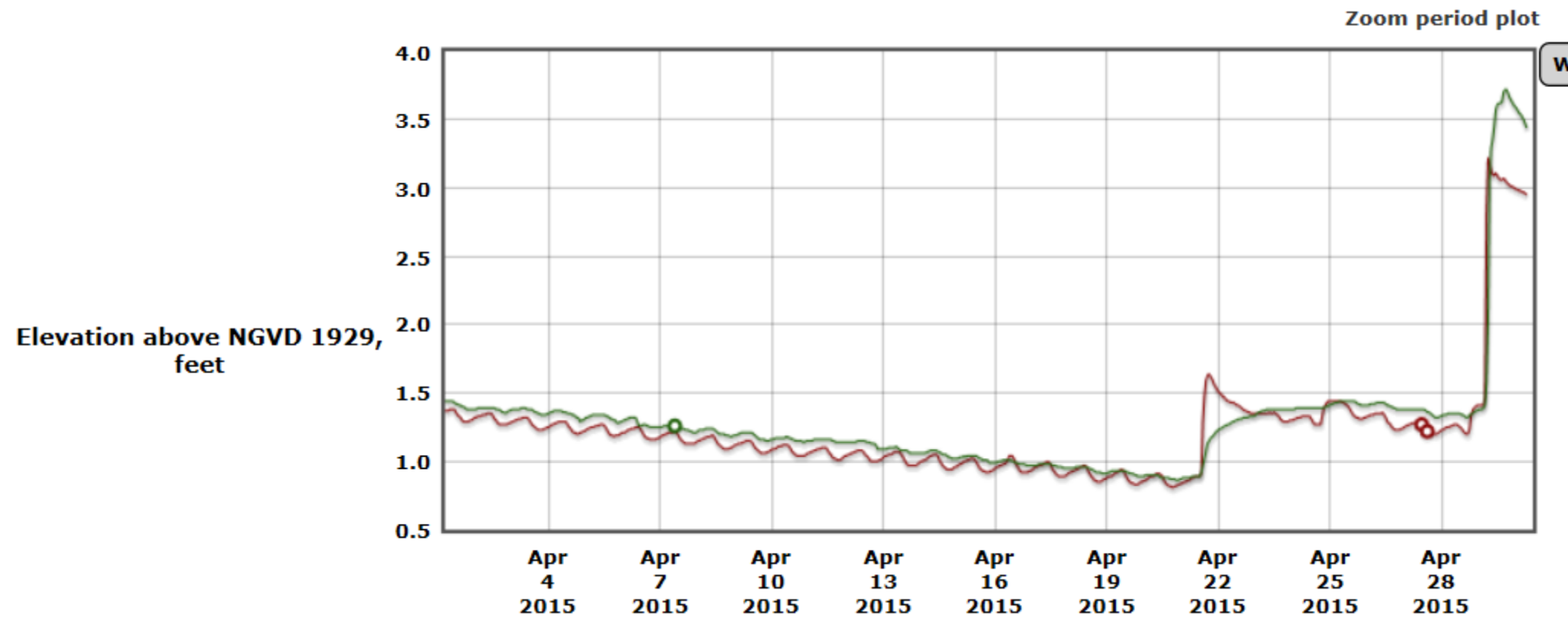
From: Mark Dickman <mdickman@usgs.gov>
Sent: Thursday, April 30, 2015 8:32 AM
To: Krupa, Steven
Subject: RE: G-3356

Hi Steve.

The site was visited twice on Monday (once at 11:15 and again at 14:47), and she found everything working correctly. During each visit, she measured the water level from the MP and compared the results to the encoder, and the sensor was dead on each time. She checked the rotation of the encoder and it reads correctly during the tests.

The water level record compares well to G-3901 which is located just west of US 1. G-3901 also shows the oscillations with the same timing as G-3356, but G-3901 is dampened a bit.

http://waterdata.usgs.gov/nwis/uv?site_no=252506080300601%2C252502080253901&format=gif_mult_sites&PARAMeter_cd=72020&period=29



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From: Krupa, Steven [mailto:skrupa@sfwmd.gov]
Sent: Thursday, April 23, 2015 10:36 AM

To: 'Mark Dickman'
Subject: RE: G-3356

Thanks. I suspect the oscillations in the aquifer water levels are mechanically derived impacts. They occur roughly between the hours of 5 p.m. and 11:00 p.m.

From: Mark Dickman [<mailto:mdickman@usgs.gov>]
Sent: Thursday, April 23, 2015 10:31 AM
To: Krupa, Steven
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: RE: G-3356

Steve,

Our technician will visit the site on Monday. To make sure the oscillations are recorded correctly, she will inspect the site twice on that day with several hours between inspections. She will also check to make sure the encoder rotation is correct.

Mark

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From: Krupa, Steven [<mailto:skrupa@sfwmd.gov>]
Sent: Thursday, April 23, 2015 9:35 AM
To: 'Mark Dickman'
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: RE: G-3356

Questions regarding the power plant operations.

From a meeting yesterday: (see attached) There appears to be very little to no correlation between the Miami Dade tides (SFWMD offshore station BBCW-10) or ET (total radiation from Tree Island 3AS3WX) and water levels in the aquifer (USGS G-3356 and G-1183 wells). Kevin pulled this together in a pivot table. The tidal highs and water levels within the aquifer don't seem to coincide. They appear to coincide visually but upon further inspection they don't. I am open for suggestions.

Steve

From: Mark Dickman [<mailto:mdickman@usgs.gov>]
Sent: Thursday, April 23, 2015 9:30 AM
To: Krupa, Steven
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: RE: G-3356

Hi Steve.

What is the question and to whom? I am confident in the data on NWISWeb, but I am less so for the GW Conditions data because it is set up to do more manipulation of the data which could be affected by a script problem.

Mark R. Dickman

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From: Krupa, Steven [mailto:skrupa@sfwmd.gov]
Sent: Thursday, April 23, 2015 9:26 AM
To: 'Mark Dickman'
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: RE: G-3356

Morning Mark,

Thanks for responding so quickly. Could you please let me know what they find? This is in a key area and water levels are falling quickly.

Steve

From: Mark Dickman [mailto:mdickman@usgs.gov]
Sent: Thursday, April 23, 2015 6:34 AM
To: Krupa, Steven
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: RE: G-3356

Hi Steve.

The data actually recorded at the site looks fine. I suspect the GW conditions webpage is having issues, so I will notify the programmers.

http://waterdata.usgs.gov/fl/nwis/uv?cb_72020=on&format=gif_default&site_no=252502080253901&period=&begin_date=2015-03-20&end_date=2015-04-23

Thanks.

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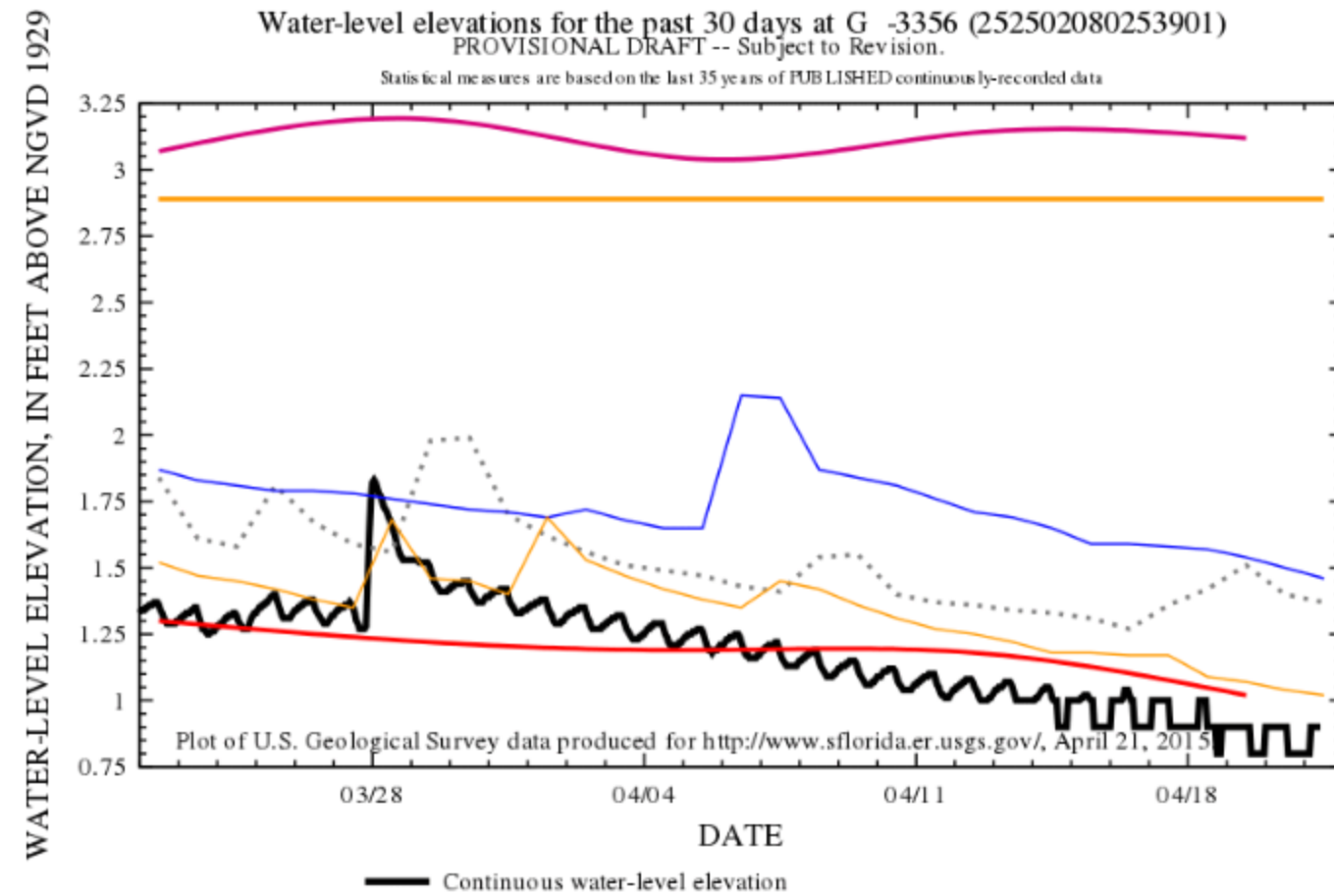
From: Krupa, Steven [mailto:skrupa@sfwmd.gov]
Sent: Wednesday, April 22, 2015 3:54 PM
To: Mark Dickman
Cc: Geddes, Elizabeth; Lindstrom, Linda
Subject: G-3356

Hi Mark,

I was wondering if you could confirm that this station is working correctly. Trying to figure out if the square waves are real or not.

Steve

Current 30-day hydrograph at G -3356 (252502080253901)



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