

Ben Foster <foster@ucar.edu>

question re: NRLMSIS output from the global mean model runs 3 messages

Susan Nossal <nossal@physics.wisc.edu>

Tue, Jan 27, 2015 at 9:13 AM

To: Stan Solomon <stans@ucar.edu>, Liying Qian <lqian@ucar.edu>, wbwang <wbwang@ucar.edu>, Alan Burns <aburns@ucar.edu>, "foster@ucar.edu Foster" <foster@ucar.edu> Cc: Susan Nossal <nossal@physics.wisc.edu>

Good morning,

In our paper the comparisons that I made between the Global Mean Model results and NRLMSIS are using MSIS output from the global mean model runs using the 'XNHM' variable. I have attached the nrlmsis.F subroutine from the global mean model source code. From my reading of this routine, my understanding is that the code uses the inputed F10.7 and then calculates a global mean MSIS value corresponding to the global mean model output. However, I wanted to check with you to see if my understanding is correct.

Thank you, Best wishes, Susan

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Stan Solomon <stans@ucar.edu>

Tue, Jan 27, 2015 at 9:22 AM To: Susan Nossal <nossal@physics.wisc.edu>, Liying Qian <lgian@ucar.edu>, wbwang <wbwang@ucar.edu>, Alan Burns <aburns@ucar.edu>, "foster@ucar.edu Foster" <foster@ucar.edu>

Yes, that's right.

Susan Nossal <nossal@physics.wisc.edu>

To: Stan Solomon <stans@ucar.edu>

Tue, Jan 27, 2015 at 9:32 AM

Cc: Liying Qian <lqian@ucar.edu>, wbwang <wbwang@ucar.edu>, Alan Burns <aburns@ucar.edu>, "foster@ucar.edu Foster" <foster@ucar.edu>, Susan Nossal <nossal@physics.wisc.edu>

Thank you Stan, Best wishes, Susan

On Jan 27, 2015, at 10:22 AM, Stan Solomon wrote:

Yes, that's right.