Contents of the Tarred file "NAVSLaM_20_191008.tar"

Documentation (Adobe .pdf Files)

1) Using the MATLAB Code for NAVSLaM v2.0 - 191008.pdf – Documentation on how to use the NAVSLaM V2.0 model release of 8 November 2019
2) Contents of NAVSLaM_20_191008 Tarred File.pdf (this document)

MATLAB Codes (.m)

1) NAVSLaM_20_181008.m – MATLAB code for the NAVSLaM V2.0 model release of 8 November 2019
2) Test_NAVSLaM_20_191008.m – MATLAB code to run the NAVSLaM_20_191008 model code with test cases read from the provided input files, and to create several output figures.
3) NAVSLaM_20_2D_191008.m – MATLAB function for running the NAVSLaM_20_191008 model with two-dimensional input arrays (such as gridded lat/lon data)

ASCII Text Data Files (.txt)

1) NAVSLaM_20_test_input_op_q.txt – test case file with NAVSLaM input data for optical wavelength cases and specific humidity input
2) NAVSLaM_20_test_input_op_rhtxt – test case file with NAVSLaM input data for optical wavelength cases and relative humidity input
3) NAVSLaM_20_test_input_rf_q.txt – test case file with NAVSLaM input data for radio frequency cases and specific humidity input
4) NAVSLaM_20_test_input_rf_rh.txt – test case file with NAVSLaM input data for radio frequency cases and relative humidity input
5) NAVSLaM_20_test_output_op_qtxt – output data file from Test_NAVSLaM_20_191008.m with NAVSLaM input data for optical wavelength cases and specific humidity input
6) NAVSLaM_20_test_output_op_rh.txt – output data file from Test_NAVSLaM_20_191008.m with NAVSLaM input data for optical wavelength cases and relative humidity input
7) NAVSLaM_20_test_output_rf_q.txt – output data file from Test_NAVSLaM_20_191008.m with NAVSLaM input data for radio frequency cases and specific humidity input
4) NAVSLaM_20_test_output_rf_rh.txt – output data file from Test_NAVSLaM_20_191008.m with NAVSLaM input data for radio frequency cases and relative humidity input