

Test Number: AS3293_SNPP_RPY5_LUT_plus_L1WGrc3.1_Re-Run

Test Definition Date: 11/15/19

Test Revision Date:

Discipline: GEO

Test Title: SNPP RPY5 LUT plus L1WG rc3.1 revision Checkout

Test Objective: This test will process the SNPP data, starting with the revised Kalman Filter PGE, PGE599, and going through the PGE500/L1A, PGE501/Geolocation, PGE502/L1B and PGE560/Control Point PGEs to support evaluation of the new SNPP RPY5 LUT as well as L1WG rc3.1 revision. LUT file is named [VIIRS_NPP_GEO_LUT_v3.0.0.1-RPY5_vcst.nc](#).

First test done in AS3291 the PGE501 had a flaw in the code introduced by LSIPS. That has been corrected and this test is to verify the code correction as well as the other L1WG changes and GEO LUT.

SNPP Data Time Interval:

2015224 - 2015239

2018193-2018201

Machine/Archive Set: ops4, AS3293

Related Test(s): ops4, AS3291 and AS3288

Baseline DataSet(s): AS5110

SNPP Input DataSet:

From AS1

Will need the following for 2015223 – 2015240 and 2018192-2018202

VIIRSNP00T000

VIIRSNP00T008

VIIRSNP00T011

VIIRSNP00TSCI

USNOPW_VGD

Recipes/PGEs to be used for SNPP Processing:

Note: the VNP_00KFm7 should be run for all the days in each test period, plus 2 hours on either side. For example, from 2015223 22:00 through 2015240 02:00.

The VNP_0Fm7 should be run for all the days in each test period, plus 30 minutes on either side. For example, from 2015223 23:30 through 2015240 00:30.

<u>Recipe</u>	<u>Version</u>	<u>PGE</u>	<u>Version</u>	<u>Type</u>	<u>Description</u>
VNP_00KFm7	1.0.1	PGE599	1.0.1	OPS	Kalman Filter
VNP_00Fm7	2.0.4	PGE595	2.0.4	OPS	L0 Splitter
VNP_0m7	3.0.5	PGE500	3.0.7	OPS	L1A

VNP_1Vam7	3.0.17	PGE501	3.0.23	OPS	Geolocation
VNP_1bm7	3.0.20	PGE502	3.0.21	OPS	L1B
		PGE502B	3.0.21	OPS	L1B Browse
		PGE560	2.0.1	OPS	Control Point
		PGE592	2.0.0	OPS	CERES Subsetter
		PGE591	2.0.0	OPS	Geo Lite

NPP Production Group Notes

Changes to Production Plan:

Final Plan Approved by:

Date:

Reprocessing Started:

Reprocessing Completed:

Verified in LAADS

Production Notes:

***Additional Processing Notes:

Outputs to be synched to LAADS:

VNP03MOD

VNP03IMG

VNP03DNB

VNP02MOD

VNP02IMG

VNP02DNB

VNPGCP

VNPT11K

VNP02OBC

VNP02DNBC

VNP02IMGC

VNP02MODC

Production Results:

Data Set Removal Information

Date:

Approved by: