Test Number: NPP_Qst_QstLwm_SeedFile_Check

Test Date: 06/04/14

Last Revised:

Discipline: All

Test Title: Test using Raytheon generated Qst and QstLwm seed files

Test Objective: This test will verify that the seed files generated at Raytheon work as advertised.

Test Time Interval: 2014143

Machine/Archive Set: machine and archive set to be used to be assigned by analyst

Related Test(s):

Baseline DataSet: AS3001 and AS3000
NOTE: Please also retain data from day 2014143 from both archive set 3000 and archive set 3001 for use in evaluation.

Input DataSet: AS3001

Actions: (special notes or processes):

1) The new Qst and QstLwm products will need to be ingested into the MODAPS instance/archive set where the test will be executed. The files to be ingested are on lpeate1 in:

/NPPdata2/cdavidson/sampleGIP/Qst_hdf
/NPPdata2/cdavidson/sampleGIP/Qst-Lwm_hdf

2) Add entries to the NppSeedFileUsage table for the archive set where the test is to be run. The entries will include the following information:

ESDT	PGE_StartTime	BeginUseTime	FileCount
NPP_QSTLWMIPS_L3	2014-04-01 00:00:00	2014-04-01 00:00:00	460
NPP_QSTIPS_L3	2014-04-01 00:00:00	2014-04-01 00:00:00	460

1) Establish a clone of the following data from AS3001 for 2014143 to the test archive set

NPP_GRCMAE_L1
NPP_IMFT_L1
NPP_MOFT_L1
NPP_VMAE_L1
NPP_VIAE_L1
NPP_DAWIP_L2G
NPP_VBPXIP_L2

2) Establish a clone of the following Ancillary datasets from ops7/laads AS3100 for 2013016 through

2013018 to both archive sets:

NCEP_GFS03_ANC
NCEP_GFS06_ANC
NCEP_GFS09_ANC
NCEP_GFS12_ANC
NCEP_GFS15_ANC
NCEP_GFS18_ANC
NCEP_GFS21_ANC
NCEP_GFS24_ANC
NPP_NAAPS_03H
NPP_NAAPS_06H
NPP_NAAPS_09H
NPP_NAAPS_12H
NPP_NAAPS_15H
NPP_NAAPS_18H
NPP_NAAPS_21H
NPP_NAAPS_24H

Recipes/PGEs to be executed:

Recipe	Version	PGE	Version	Type	PGE Name
GGAmc	2.3.0	351	P2.3.0	OPS	VIIRS L2 NAAPS Gran
GGMmc	2.3.0	353	P2.3.0	OPS	VIIRS L2 Grid-to-Gran
		394GGMmc	C2.2.10	OPS	VIIRS Subsetter
GGNmc	2.3.0	350	P2.3.0	OPS	VIIRS L2 NCEP Gran
L2amc	2.4.0	330	P2.4.0	OPS	VIIRS L2 Active Fire
L2bmc	2.4.0	303	P2.4.0	OPS	VIIRS L2 CM
		394L2bmc	C2.4.0	SCI	VIIRS Subsetter
L1Cmc	2.4.0	306	P2.4.0	OPS	VIIRS L2 COP
		307	P2.4.0	OPS	VIIRS L2 SnowCover
		308	P2.4.0	OPS	VIIRS L2 IceQual
		394L1Cmc	C2.4.0	SCI	VIIRS Subsetter
L3Cmc	2.4.0	383	P2.4.0	OPS	VIIRS L2 Aerosols
		311	P2.4.0	OPS	VIIRS L2 LSR
		356	P2.4.0	OPS	VIIRS L2 VI
		394L3Cmc	C2.4.0	OPS	VIIRS Subsetter
L4Cmc	2.4.0	349	P2.4.0	OPS	VIIRS L2 ST
		316	P2.4.0	OPS	VIIRS L2 LST
		355	P2.4.0	OPS	VIIRS L2 LSA
		357	P2.4.0	OPS	VIIRS L2 Surf Albedo
		394L4Cmc	C2.4.0	SCI	VIIRS Subsetting
L8Cmc	2.4.0	309	P2.4.0	OPS	VIIRS L2 Ice Conc
		310	P2.4.0	OPS	VIIRS L2 Ice Char.
		373	P2.4.0	OPS	VIIRS L2 IST
		394L8Cmc	C2.4.0	SCI	VIIRS Subsetter

Test output products to be archived to LAADS:

NPP_QSLWMIP_L2
NPP_QSIP_L2
NPP_VIQIP_L2
NPP_VSCD_L2C
NPS_VIQIP_L2
NPS_VSTIP_L2
NPP_VSTIP_L2
NPP_VSCM_L2
NPP_VCOPIP_L2C
NPP_WCTTIP_L2C
NPS_VSCM_L2
NPP_VCOPIP_L2
NPP_VSCD_L2
NPS_WCTTIP_L2
NPP_WCTTIP_L2
NPS_VIWIP_L2
NPP_VSCM_L2C
NPP_VIWIP_L2C
NPS_VSCD_L2
NPS_VCOPIP_L2
NPP_VIWIP_L2
NPP_VSTIP_L2C
NPP_VAFIP_L2
NPP_AVAF_L2
NPP_VAFIP_L2C
NPP_CMIP_L2C
NPP_CMIP_L2
NPP_SRFLIIP_L2
NPP_SRFLIIP_L2C
NPP_SRFLMIP_L2
NPP_SRFLMIP_L2C
NPP_VAMIIP_L2
NPP_VAMIIP_L2C
NPP_VAOTHIP_L2
NPP_VAOTIP_L2
NPP_VAOTIP_L2C
NPP_VAOT_L2
NPP_VGAERO_L2
NPP_VRVI_L2
NPP_VRVI_L2C
NPP_VSUM_L2
NPP_VSUM_L2C
NPP_VISA_L2
NPP_VISA_L2C
NPP_VLAIP_L2
NPP_VLAIP_L2C
NPP_VLST_L2
NPP_VLST_L2C
NPP_VSUT_L2

NPP_VSUT_L2C
NPP_VICIP_L2
NPP_VICIP_L2C
NPP_VIRTIP_L2
NPP_VIRTIP_L2C
NPP_VIST_L2
NPP_VIST_L2C
NPP_VSIC_L2
NPP_VSIC_L2C

Data Set Volume: Approximately

NPP Test Group Notes

Changes to Test Plan:

Final Plan Approved by:
Date:

Test Started:
Test Completed:
Verified in LAADS

Production Notes:

***Additional Processing Notes:

Test Results:

<u>Data Set Removal Information</u>
Date:
Approved by: