

NLAPS CORRECTION PROCESSING REPORT

NLAPS Version:	4_1_11e8	Priority:	3
Work Order:	lld210820008100001	Sensor:	ETM+
Satellite:	Landsat-7	Sensor Mode:	N/A
Camera Number:	N/A		
Input Data Ident:	/diskIngest1/temp/01101082000810001/L71EDC1800189		
Input Media Type:	Disk	File Number:	N/A
Orbit Number:	86969		
Processing Level:	Precision Geocorrection	Resampling:	CC
Map Projection:	SPCS	Zone:	4602
Earth Ellipsoid:	NAD83	Product Orient.:	Map North
Projection Params:			
	0.0000000000000000e+00	0.0000000000000000e+00	0.0000000000000000e+00
	0.0000000000000000e+00	0.0000000000000000e+00	0.0000000000000000e+00
	0.0000000000000000e+00	0.0000000000000000e+00	0.0000000000000000e+00
	0.0000000000000000e+00	0.0000000000000000e+00	0.0000000000000000e+00
	0.0000000000000000e+00	0.0000000000000000e+00	0.0000000000000000e+00
Line Spacing:	030.0	Pixel Spacing:	030.0
Path/Strip no.:	046	Start Row no.:	027.0
		End Row no.:	N/A
Image Lines:	7323	Image Pixels:	7706
Image Orientation:	0.00 deg from N	Output Bands:	123456789
Viewing Angle:	0.06 deg		
Scene center lat:	47.451 deg	Scene center long:	-121.895 deg
Sun Elevation:	59.88 deg	Sun Azimuth:	137.92 deg
Scene center date:	2000 07 07	Scene center time:	18:47:13.3324
Output Media:	Disk	Output Product Id:	N/A
Product Format:	NDF	Interleaving :	BSQ
Catalogued:	FALSE		
Completion date:	2001 08 28	Completion time:	12:07:37
Termination Status:	Successful Completion		

===== DETAILED PROCESSING RESULTS =====

MODEL REFINEMENT STATISTICS -----

Number of CPs in model: 11

Error	Mean (m)	RMS (m)	Std Dev (m)
Along Track	2.05	10.10	9.89
Across Track	-1.53	9.93	9.81
Height	0.00	0.48	0.48
Combined	2.55	14.17	13.94

Num	Mark	Kind	Location		Height	Residuals			Comb
			Lat	Long		Along	Across	Height	
8455	Auto	RCP	47.26	-121.94	237.74	-4.13	-27.87	-0.05	28.17
8731	Auto	RCP	46.59	-121.56	866.00	1.78	2.44	0.18	3.03
7994	Auto	RCP	48.30	-122.53	122.00	-5.81	-1.83	0.21	6.09
8819	Auto	RCP	47.11	-123.04	0.00	-3.79	6.59	-0.78	7.65
8732	Auto	RCP	46.90	-122.03	548.00	-0.65	3.95	0.03	4.00
8376	Auto	SCP	48.10	-121.97	94.75	-2.03	-9.02	0.34	9.25
8375	Auto	RCP	47.87	-120.80	1514.62	-3.84	5.75	0.61	6.94
8445	Auto	RCP	47.20	-120.77	598.66	-3.31	3.28	0.46	4.69
8239	Auto	RCP	47.83	-122.86	38.02	17.59	8.08	-1.04	19.38
8588	Auto	SCP	47.51	-121.26	1640.56	26.73	-1.22	-0.09	26.76
8587	Man	SCP	47.64	-121.93	39.09	-0.02	-6.94	0.09	6.94

===== RADIOMETRIC CORRECTION -----

Algorithm: NASA

Band	Ref Detector	DN to Radiance		Default Abs Calib?
		gain	offset	
1	15	0.775686	-6.20000	FALSE
2	12	0.795686	-6.39999	FALSE
3	8	0.619216	-5.00000	FALSE
4	7	0.965490	-5.10001	FALSE
5	14	0.125725	-0.99999	FALSE
6	8	0.066823	0.000000	FALSE
7	10	0.043726	-0.35000	FALSE
8	27	0.971765	-4.70000	FALSE
9	8	0.037059	3.200000	FALSE

DEM PROCESSING

Elevation Correction Applied: Fine DEM
 LineSpacing: 3.0000000000000000e+01
 LineSpacingUnits: meters
 PixelSpacing: 3.0000000000000000e+01
 PixelSpacingUnits: meters

DEM Files Used

 washington_elev

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GEOMETRIC QUALITY ASSESSMENT

Number of QA CPs: 7

Error	Mean (m)	RMS (m)	Std Dev (m)
-----	-----	-----	-----
Along Track	-7.07	15.05	13.28
Across Track	-3.33	16.46	16.12
Height	0.00	0.00	0.00
Combined	7.81	22.30	20.89

Num	Mark	Kind	Location			Residuals			
			Lat	Long	Height	Along	Across	Height	Comb
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8827	Man	SCP	46.79	-122.72	134.42	-1.83	1.61	0.00	2.44
8728	Man	RCP	46.83	-121.43	1467.08	-6.54	10.59	0.00	12.45
8446	Man	RCP	47.41	-120.92	1414.53	2.09	-16.77	0.00	16.90
8374	Man	RCP	48.01	-122.77	35.07	-17.85	4.36	0.00	18.38
8364	Man	SCP	48.13	-122.01	64.95	-29.31	-8.09	0.00	30.41
8200	Man	RCP	47.72	-120.74	623.62	15.18	-33.03	0.00	36.36
25915	Man	GCP	47.19	-120.91	573.98	-11.20	18.03	0.00	21.23

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RADIOMETRIC QUALITY ASSESSMENT

NOTE:

Mean, Std.Dev, Striping are in DN's (Digital Numbers).

Band	Chip Line	Location Pixel	Chip Size Lines	Chip Size Pixels	Mean	Std Dev	Striping
-----	-----	-----	-----	-----	-----	-----	-----
1	1197.60	1268.00	128	128	68.91	1.477	0.1279
1	2394.20	2535.00	128	128	80.20	6.520	0.5679

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Product Extent:

[illegible]

North: 126480.00

East: 279240.00

North: 126480.00

East: 510390.00

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EXECUTION INFORMATION

Stage	Start	End	CPU
Ingest	Tue Aug 28 09:53:03 2001	Tue Aug 28 09:55:08 2001	103.85
ModelRefiner	Tue Aug 28 09:55:17 2001	Tue Aug 28 10:42:49 2001	41.24
DemIngest	Tue Aug 28 10:43:05 2001	Tue Aug 28 10:43:44 2001	26.46
WarpDem	Tue Aug 28 10:43:46 2001	Tue Aug 28 10:44:09 2001	38.91
ImCorr	Tue Aug 28 10:44:13 2001	Tue Aug 28 11:06:29 2001	1768.47
RadQa	Tue Aug 28 11:06:31 2001	Tue Aug 28 11:06:33 2001	0.65
GeoQa	Tue Aug 28 11:06:36 2001	Tue Aug 28 12:06:38 2001	12.21
Output	Tue Aug 28 12:06:40 2001	Tue Aug 28 12:07:26 2001	19.99
Catalog	Tue Aug 28 12:07:28 2001	Tue Aug 28 12:07:30 2001	0.49
		-----	2012.27