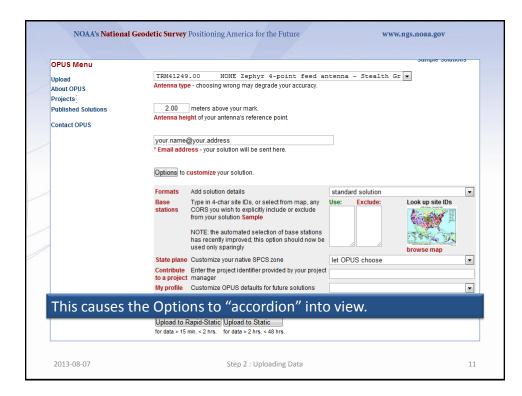


	Nation	nal Geodetic Survey
NGS Home About NGS	Data & Imagery Tools Surveys Science & Education	Search
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	the OPUS upload web page: sy.noaa.gov/OPUS/	

NOAA's National G	eodetic Survey Positioning America for the Future	www.ngs.noaa.gov
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NOS Ho	me • NGS Employees • Privacy Policy • Disclaimer • USA.gov • Ready.gov • Sit	e Map • Contact Webmaster
2013-08-07	Step 2 : Uploading Data	

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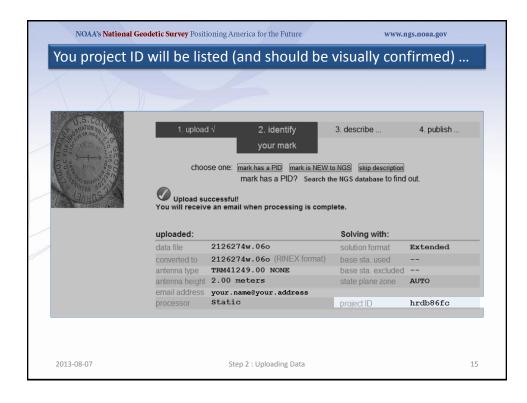
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OPUS Menu					
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SUSTAIL CONTROL	Step 3 of 4: Dep for data file: 21262		mark.		
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-		Specific setti	-		
	* Description	(describe the	mark, witness ties, etc., t	to enable future recoveries. Ma	x. characters=500)
-					
In a momer	nt, the "Deso	cribe n	ew mark"	form will app	ear. Through
this form. th	he minimal i	inform	ation need	ded to identif	v a mark.

NOAA's National	Geodetic Survey Pos	itioning Amer	ica for the Future	WV	vw.ngs.noaa.gov
STONOR TO REPORT	Step 3 of 4: De for data file: 21262		nark.		
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	* Stamping				
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reviewing "H	lelp File: M	lark De	scription"	before subm	itting a new
				lescriptors.sh	

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	A SOTAL CONTROL	Step 3 of 4: Des for data file: 212627	s <b>cribe new mark</b> (4w.06o			
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	training mater	rials can b	e found i	in the read	dme.txt <u>file</u>	. The form is
	too large for a	single sli	de, so we	e'll focus c	on the top h	half first.
	2013-08-07	Application	ChoosStep 2:0	ploading Data		~ 21

STOLOGITO REPORT	Step 3 of 4: Desc for data file: 2126274		<b>'k</b> .		
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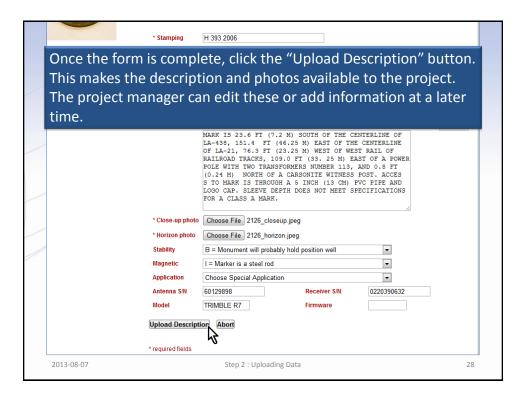
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-	* Stamping	H 393 2006			
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2126 is a fla	200 00000	ad rod	مامه میرم	ct the type a	nnronriatoly

Step 3 of 4: Describe new mark.	NOAA's Nation	al Geodetic Survey Po	sitioning Ameri	a for the Future	W	vw.ngs.noaa.gov
your mark • Stamping    393 2006 • Designation    393 2006 • Type    = Rod    = F = Flange-encased rod    • Rod Depth 31.7    Steeve Depth 0.9    ft@m • Setting    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    59 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    50 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    50 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    50 = Stainless steel rod in sleeve (10FT+ or 3.048M+)    = • Description    = • Description	ASSO ON TO REPORT			ark.		
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<ul> <li>Type</li> <li>R = Rod</li> <li>F = Flange-encased rod</li> <li>Red Depth 31.7</li> <li>Steve Depth 0.9</li> <li>Oftem</li> <li>Specific setting (optional):</li> <li>Description</li> <li>Specific setting (optional):</li> <li>(describe the mark, witness ties, etc., to enable future recoveries. Max. characters=500)</li> </ul> A variety of settings for the mark are provided via the pull-down menu. Use the "Specific setting" field for unique information.	-	* Stamping	H 393 2006			
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Stability Choose Vertical Stability						
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2013-08-07 Choos Step, 2 & Uploading Data 24		Stability	Choose Ventic	al Stability		1

SOUCH TO REPORT	Step 3 of 4: De for data file: 2126	<b>escribe new ma</b> 274w.06o	rk.		
	1. uploa	ıd√	2. identify	3. describe	4. publish
MARIE ORESTST				your mark	
	* Stamping	H 393 2006			
	* Designation	H 393 2006			
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Next, describ 500 characte					
able to get c			ing their l steps nee		

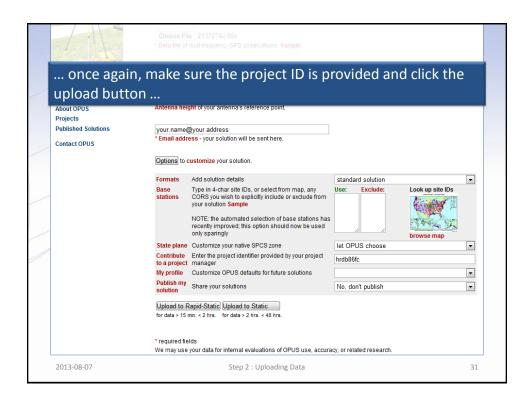
' Stamping H 393 2006
Only one close-up and one horizon photo are required. Make sure any stampings or other identifying marks are clearly visible in the close-up photo and the horizon photo adequately represents the surroundings.
MARK IS 23.6 FT (7.2 M) SOUTH OF THE CENTERLINE OF LA-438, 151.4 FT (46.25 M) EAST OF THE CENTERLINE OF LA-21, 76.3 FT (23.22 M) WEST OF WEST RAIL OF RAILROAD TRACKS, 109.0 FT (33.25 M) EAST OF A POWER POLE WITH TWO TRANSFORMERS NUMBER 113, AND 0.8 FT (0.24 M) NORTH OF A <u>CARSONITE</u> WITNESS POST. ACCES S TO MARK IS THROUGH A S INCH (13 CM) PVC PIPE AND LOGO CAP. SLEEVE DEPTH DOES NOT MEET SPECIFICATIONS FOR A CLASS A MARK.
Close-up photo     Chaose File 2126_closeup.jpeg     Horizon photo     Chaose File 2126_horizon.jpeg
Stability     Image: Choose Vertical Stability       Magnetic     Choose Magnetic Property
Application       Antenna S/N       Receiver S/N:
Model Firmware
* required fields
2013-08-07         Step 2 : Uploading Data         26

	* Stamping	H 393 2006
	<i>n</i> e	lication, Antenna S/N, and Receiver
	Model, S/N and Firmwa	are fields aren't required, but still
/	important to the descri	ption of the mark and traceability of the
	work. Complete these i	
		MARK IS 23.6 FT (7.2 M) SOUTH OF THE CENTERLINE OF LA-438, 151.4 FT (46.25 M) EAST OF THE CENTERLINE OF LA-21, 76.3 FT (23.25 M) MEAST OF THE CENTERLINE RAILROAD TRACKS, 109.0 FT (33.25 M) EAST OF A FOWER FOLE WITH TWO TRANSFORMERS NUMBER 113, AND 0.8 FT (0.24 M) NORTH OF A CARSONITE WITNESS FOST. ACCES S TO MARK IS THROUGH A 5 INCH (13 CM) FVC FIFE AND LOGO CAP. SLEEVE DEFTH DOES NOT MEET SPECIFICATIONS FOR A CLASS A MARK.
	* Close-up photo	Choose File 2126_closeup.jpeg
/	* Horizon photo	Choose File 2126_horizon.jpeg
/	Stability	B = Monument will probably hold position well
	Magnetic	I = Marker is a steel rod
	Application	Choose Special Application
	Antenna S/N	60129898 Receiver S/N: 0220390632
	Model	TRIMBLE R7 Firmware
	Upload Descript	ion Abort
	* required fields	
	2013-08-07	Step 2 : Uploading Data 27



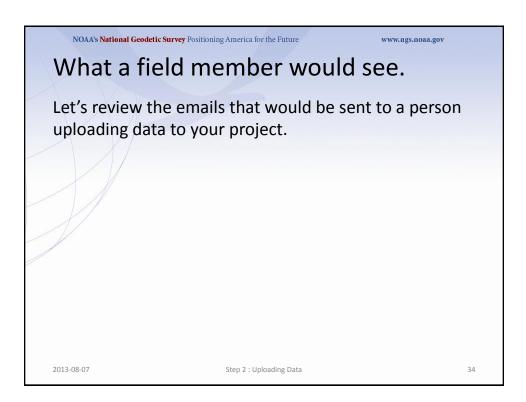


NOAA's Nationa	l Geodetic Surve	<b>y</b> Positioning America for the Future	www.	1gs.noaa.gov
OPUS Menu Upload About OPUS	Tie your GF What is OP Choose F * Data file c TRM4124 Antenna ty 2.00	our data file.         'S observation to the National Spatial Reference System         US?       FAQs         ile       2137274u.06o         if dual-frequency GPS observations.sample         9.00       NONE Zephyr 4-point feed antrope - choosing wrong may degrade your accuracy.         meters above your mark.         sight of your antenna's reference point.		A summary of the sum o
Projects Published Solutions Contact OPUS	* Email add	@your.address Iress - your solution will be sent here. customize your solution.		
a	Formats Base stations	Add solution details Type in 4-char site IDs, or select from map, any CORS you wish to explicitly include or exclude from your solution Sample NOTE: the automated selection of base stations has recently improved, this option should now be used only snational.	standard solution Use: Exclude:	Look up site IDs
		r file, 2137274u.06o, b plete the upload form r		lightly
2013-08-07		Rapid-Static UStep 2 : Uploading Data		30



U.S.CO.	eodetic Survey Posi 1. uploa		www.t	ngs.noaa.gov 4. publish
	Upload s You will receiv	your mark ose one: <u>mark has a PID</u> <u>mark is NEW</u> mark has a PID? <u>Search</u> uccessful! re an email when processing is com	the NGS database to find	
			Solving with:	
	uploaded:	21372741 060	Solving with:	Prtondod
	data file	2137274u.060	solution format	Extended
	data file converted to	2137274u.060 (RINEX format)	solution format base sta. used	
	data file converted to antenna type	2137274u.060 (RINEX format) TRM41249.00 NONE	solution format base sta. used base sta. excluded	
	data file converted to antenna type antenna heigh	2137274u.06o (RINEX format) TRM41249.00 NONE 2.00 meters	solution format base sta. used	
	data file converted to antenna type	2137274u.06o (RINEX format) TRM41249.00 NONE 2.00 meters	solution format base sta. used base sta. excluded	
but this tim	data file converted to antenna type antenna height email address processor	2137274u.06o (RINEX format) TRM41249.00 NONE 2.00 meters your.name@your.address	solution format base sta. used base sta. excluded state plane zone project ID	 AUTO hrdb86fc

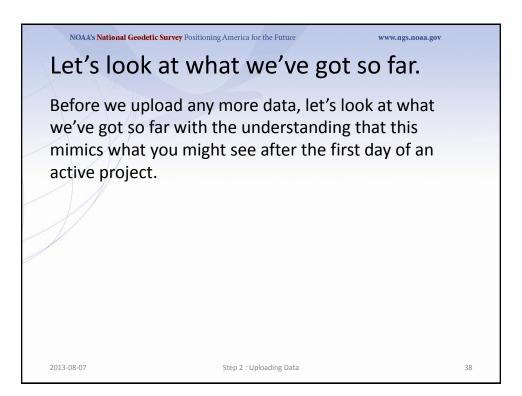
CL. S. CO AMATION WAS BURGED BIND POLICIES (20)	Step 3 of 4: Describe r for data file: 2137274u.06o	ecovered mark.		
	1. upload √	2. identify	3. describe your mark	4. publish
SORVED AND	Find PID Conservery Photo Conservery Photo Conservery Photo Conservery Photo Conservery		veg urbed, mutilated, requires maint	enance
5		rend existing description, if necessa COVERED AS DESCRIBED		
	on for a recove otos, the mark's			



NGS OPUS SOLUTION REPORT						
All computed coordinate accuracies For additional information: http://		•				
USER: your.name@your.address	DATE:	May 22, 2013				
RINEX FILE: 2126274w.060	TIME:	15:33:11 UTC				
SOFTWARE: page5 1209.04 master12 EPHEMERIS: igs13950.eph [precise] NAV FILE: brdc2740.06n ANT NAME: TRM41249.00 NONE ARF HEIGHT: 2.00	STOP: OBS USED: # FIXED AMB: OVERALL RMS:	2006/10/02 01:45: 8062 / 8267 : 39 / 41 : 0.013(m)	:00 98% 95%			
REF FRAME: NAD_83(2011)(EPOCH:2010	16.0000) IG.	508 (EPOCH:2006.750	,,)			
X: 18197.041(m) ( Y: -5473864.221(m) (	0.005(m) 18	196.361(m) 0.005 862.729(m) 0.007				

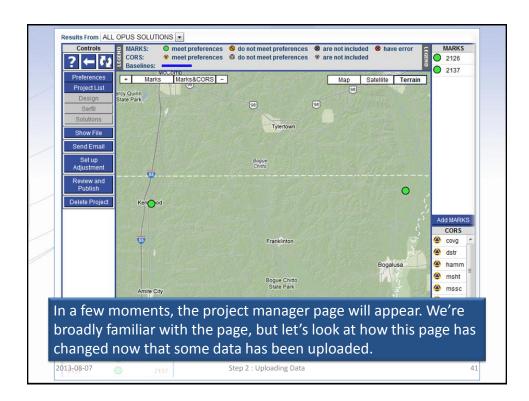
The RINEX f		ted below did not meet all the currrent threshold limits
PROJECT:	hrdb861	
RINEX FILE: ANTENNA: ARP HGT:	OK	5u.06o TRM55971.00 NONE 1.500 m
RMS: EPHEMERIS: OBS USED:	OK OK OK	0.016 m igs13951.eph 91.6%
FIXED AMB:		G 76.1% < 80% fixed ambiguities threshold.
LAT RANGE: LON RANGE: HGT RANGE:	OK OK	0.012 m 0.013 m 0.013 m
Howovor	thon	roject team member might also receive a second
		US solution doesn't meet the project's solution

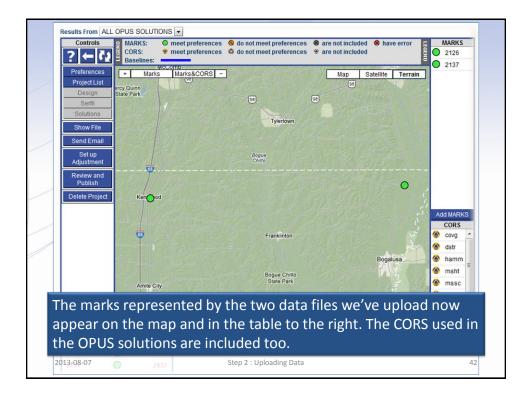
The RINEX f	file listed below did not meet all the currrent threshold limits
for submiss	sion to
PROJECT:	hrdb86fc
	: 2137275u.06o
ANTENNA:	OK TRM55971.00 NONE
ARP HGT:	OK 1.500 m
RMS:	OK 0.016 m
EPHEMERIS:	OK igs13951.eph
OBS USED:	OK 91.6%
FIXED AMB:	WARNING 76.1% < 80% fixed ambiguities threshold.
LAT RANGE:	
LON RANGE:	0K 0.013 m
HGT RANGE:	0K 0.013 m
for this e from the	our job as project manager, is to prepare your field teams eventuality. This does not mean this data was omitted project. It simply means that this solution will be flagged r identification.

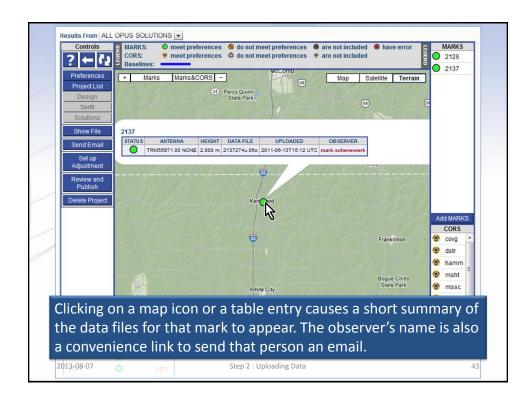


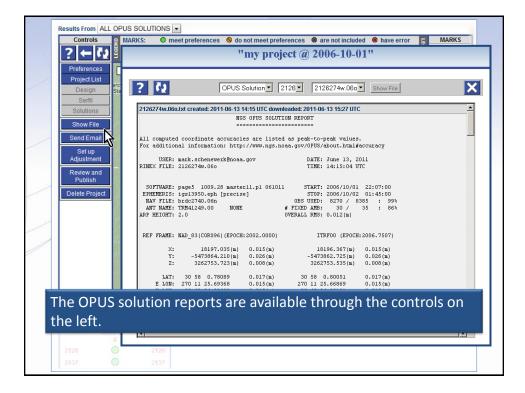
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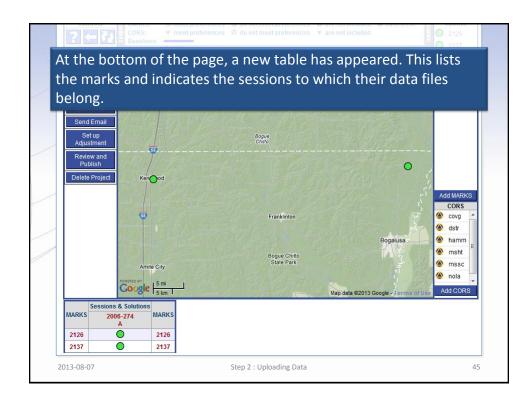
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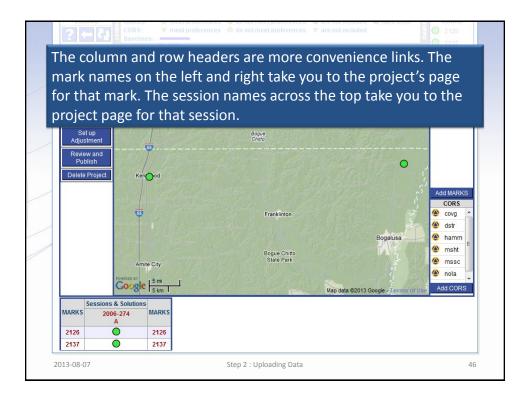




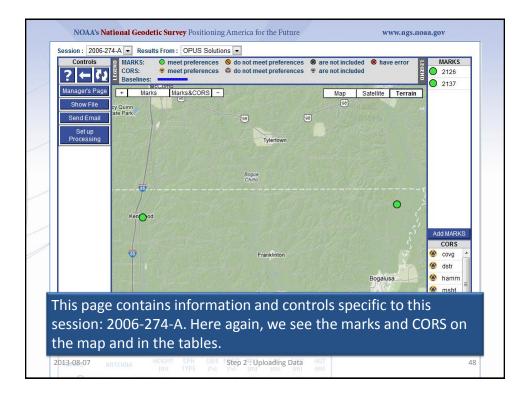


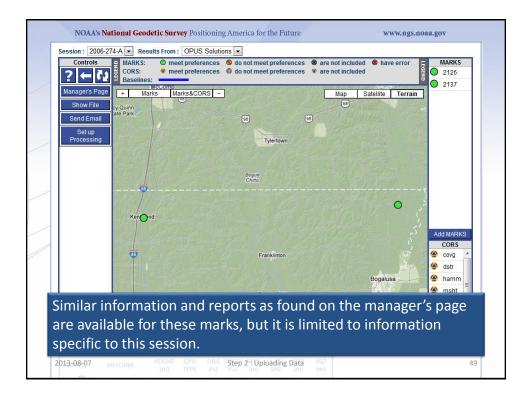


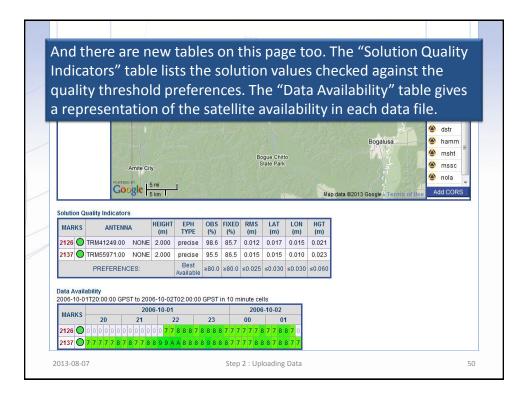












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Solution C	Quality Indicators	HEIGHT	EPH TYPE		FIXED		LAT	LON	HGT			
MARKS	ANTENNA			(%)	(%)	(m)	(m)	(m)	(m)			
	TRM41249.00 NO	(m) VE 2.000	precise	98.6	85.7	0.012	0.017	0.015	0.021			
		VE 2.000	The second second	98.6 95.5	85.7 86.5	0.012 0.015	0.017 0.015	0.015 0.010	0.021 0.023			
		and the second s	The second second	98.6	85.7	0.012	0.017	0.015	0.021			

