

BNASCC

2019 ADVANCED INTERNATIONAL TRAINING COURSE IN LAND REMOTE SENSING 18-23 November 2019 | Chongqing, P.R. China

CHANGE DETECTION USING OPTICAL DATA IN SNAP

EXERCISE 1 (Exploring S2 data)

Data: Sentinel-2A Level 1C:

- S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053.SAFE
- 1. Open file
 - 1.1. 'File' / 'Open Product'
 - 1.2. Browse to: /Ex-1/S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053.SAFE
 - 1.3. Select the 'MTD_MSIL1C.xml' and click 'Open'
- 2. View metadata
 - 2.1. Select plus icons by filenames in "Product Explorer", expand "Metadata / Level-1C_User_Product / General_Info" folder and click on "Product_Info". Here you can see the basic product information such as acquisition date, processing level and processing baseline (indicates quality of preprocessing)
 - 2.2. Double click on "Product_Image_Characteristics". Here you can see the solar irradiance per band and correction factors necessary to convert from Top of Atmosphere Reflectance to Top of Atmosphere Radiance.
- 3. <u>View image single bands</u>

3.1. Select "Bands" folder in "Product Explorer" window and view each band by double clicking on band name.

- 4. View multiple viewers
 - 4.1. Close metadata views, leaving only viewers with bands
 - 4.2. Select: 'Window' / 'Tile Horizontally'

4.3. Synchronise views by selecting the relevant icons in the "Navigation" tab 🔛 🔛

5. View RGB image view

- 5.1. Close all viewers
- 5.2. Select image name in "Product Explorer" window
- 5.3. Select: 'Window' / 'Open RGB Image Window'
- 5.4. Leave default natural colour combination and click OK
- 6. <u>Resampling at 10m</u>
 - 6.1. Select image name in "Product Explorer" window
 - 6.2. Select: 'Raster' / 'Geometric Operations' / 'Resampling'
 - 6.3. In the pop-up window set up the parameters as shown in the Figures below



🔚 Resampling X	Resampling		×
File Help	File Help		
I/O Parameters Resampling Parameters Source Product	I/O Parameters Resampling Parameters		
Name:	Define size of resampled product		
[1] S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053 v	O By reference band from source product:	B1	\sim
Target Product Name:		Resulting target width: Resulting target height:	: 1830
S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053_resampled	O By target width and height:	Target width:	10,980 ≑
Directory:		Target height: Width / height ratio:	10,980 ×
C:\Users\Fabrizio Ramoino\Desktop\S2_Activities\LTC-2019\Practical	By pixel resolution (in m):		10 🜩
Open in SNAP		Resulting target width: Resulting target height:	
	Upsampling method:	Nearest	~
	Downsampling method:	First	~
	Flag downsampling method:	First	~
	Resample on pyramid levels (for faster image	ging)	
<u>R</u> un <u>C</u> lose			<u>R</u> un <u>C</u> lose

6.4. Click 'Run'

7. <u>Select the newly created product</u>

7.1. Now all the bands have the same spatial resolution of 10m.

8. <u>Crop</u>

- 8.1. Zoom into Chongqing University
- 8.2. Select: 'Raster' / 'Subset...'
- 8.3. Specify: 'Spatial Subset' parameters (as shown in Figure below)
 - Scene start X: 3500
 - Scene start Y: 2500
 - Scene end X: 5000
 - Scene end Y: 3500

Specify Product Subset		×
Spatial Subset Band Subset Me	tadata Subset	
	Pixel Coordinates Geo Coord Scene start X: Scene start Y: Scene end X: Scene end Y: Scene step X: Scene step Y: Subset scene width: Subset scene height:	dinates 3500 ↓ 2500 ↓ 5000 ↓ 3500 ↓ 1 ↓ 1 ↓ 1501.0 1001.0
	Source scene width: Source scene height:	10980 10980
	Use Pre <u>v</u> iew	Fix full <u>w</u> idth
		Estimated, raw storage size: 17.2M
		OK Cancel Help



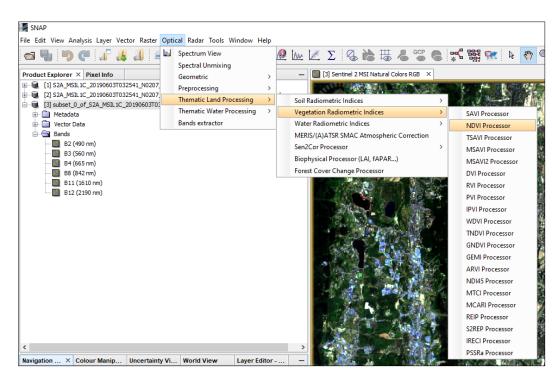
patial Subset	Band Subset	Metadata Subset	
B1	R	eflectance in band B1	/
✓ 82	R	eflectance in band B2	
🗹 ВЗ	R	eflectance in band B3	
🗹 В4	R	eflectance in band B4	
B5	R	eflectance in band B5	
B6	R	eflectance in band B6	
B7	R	eflectance in band B7	
✓ B8	R	eflectance in band B8	
B8A	R	eflectance in band B8A	
B9	R	eflectance in band B9	
B10	R	eflectance in band B10	
✓ B11	R	eflectance in band B11	
✓ B12	R	eflectance in band B12	
view_zen	ith_mean Vi	ewing incidence zenith angle	
View azin	muth mean V	ewing incidence azimuth angle	
Select <u>a</u> ll	Select no	ne	
			Estimated, raw storage size: 57
			OK Cancel Help

8.4. Specify: 'Band Subset' par	arameters selecting B2 , B3 , B4	4, B8, B11 and B12 (as	shown in Figure below)
---------------------------------	-------------------------------------------------------	--------------------------------------	------------------------

8.5. Click 'OK'

- 9. <u>Save the newly created subset image</u>
 - 9.1. Select product in "Product Explorer"
 - 9.2. Select: 'File' / 'Save Product As...'
 - 9.3. Select "Yes" to convert to BEAM DIMAP format (SNAP native file format)
 - 9.4. Select an output filename and location, and click "Save"
 - 9.5. In order to view the saved file with the filename you specified, close the cropped image and reopen it
- 10. Open the newly created product
 - 10.1. Close all viewers
 - 10.2. Select image name in "Product Explorer" window
 - 10.3. Select: 'Window' / 'Open RGB Image Window'
 - 10.3.1. Leave default natural colour combination and click 'OK'
 - 10.3.2. Select B12 for Red, B11 for Green and B4 for Blue and click 'OK'
 - 10.4. Synchronise views by selecting the relevant icons in the "Navigation" tab
 - 10.5. Select: 'Window' / 'Tile Horizontally' and compare the images
- 11. Normalized Difference Vegetation Index (NDVI) via Radiometric Indices module
 - 11.1. Select the newly generated product [3] in "Product Explorer"
 - 11.2. Select: 'Optical' / 'Thematic Land Processing' / 'Vegetation Radiometric Indices' / 'NDVI Processor'





11.3. In the pop-up window set up the parameters as shown in the Figures below

NDVI	×	NDVI	×
File Help		File Help	
I/O Parameters Processing Parameters		I/O Parameters Processing Parame	eters
Source Product source:		Red factor:	1.0
[3] subset_0_of_S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053_resampled $\ \lor$.		NIR factor:	1.0
		Red source band: B4	~
Target Product Name:		NIR source band: B8	~
subset_0_of_S2A_MSIL1C_20190603T032541_N0207_R018_T48RXT_20190603T063053_resampled_ndvi			
Save as: BEAM-DIMAP			
Directory:			
C:\Users\Fabrizio Ramoino\Desktop\S2_Activities\LTC-2019\Practical .			
Open in SNAP			
<u>R</u> un Qo	ise		<u>R</u> un <u>C</u> lose

11.4. The input product is the number [3] and the Red source band is B4 and the NIR source band is B8 11.5. Click 'Run'

12. Open the newly created NDVI product

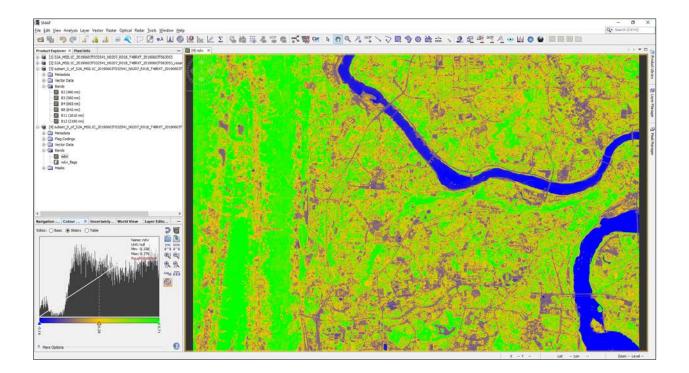
- 12.1. Close all viewers
- 12.2. Select the newly generated product on the Product Explorer window
- 12.3. Double click on the 'ndvi' band
- 12.4. The band is shown in grey scale colour

13. Colour Manipulation

- 13.1. Select 'ndvi' image displayed
- 13.2. Select: "Colour Manipulation" tab
- 13.3. Click on "Auto-adjust to 95% of all pixels" icon
- 13.4. [Min: Blue]; [Mean: Orange]; [Max: Green] obtaining as output an image where high values of NDVI are green and low ones are blue as shown in the figure below

95%







EXERCISE 2 (Burned area estimation)

Data: Sentinel-2A Level-2A:

Subset_S2A_MSIL2A_20170614T112111_N0205_R037_T29TNE_20170614T112422_10m.data Subset_S2A_MSIL2A_20170704T112111_N0205_R037_T29TNE_20170704T112431_10m.data

The data have been atmospherically corrected, resampled at 10m, cropped spatially and spectrally (B2, B3, B4, B8, B11, B12) and exported in BEAM-DIMAP (SNAP native file format).

1. Open files

1.1. 'File' / 'Open Product'
1.2. Browse to:
/data/Ex-2/Subset_S2A_MSIL2A_20170614T112111_N0205_R037_T29TNE_20170614T112422_10m.dim
/data/Ex-2/Subset_S2A_MSIL2A_20170704T112111_N0205_R037_T29TNE_20170704T112431_10m.dim
1.3. Click 'Open'

- 2. View RGB image view
 - 2.1. Select image name in "Product Explorer" window
 - 2.2. Select: 'Window' / 'Open RGB Image Window'
 - 2.3. Leave default natural colour combination and click OK
 - 2.4. Repeat the steps 2.1, 2.2 and 2.3 for the second product [2]
- 3. View multiple viewers
 - 3.1. Select: 'Window' / 'Tile Horizontally'

3.2. Synchronise views by selecting the relevant icons in the 'Navigation' tab \square

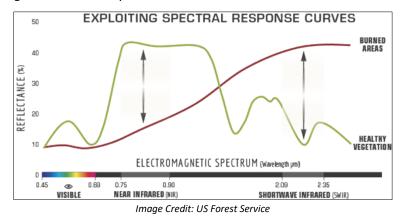
4. NBR (Normalized Burn Ratio)

The Normalized Burn Ratio (NBR) was designed to highlight burned areas and estimate fire severity and is calculated applying the equation reported below:

A.

$$NBR = \frac{(NIR - SWIR)}{(NIR + SWIR)} = \frac{(B8 - B12)}{(B8 + B12)}$$

Pre-fire, healthy vegetation has very high near-infrared reflectance and low reflectance in the shortwave infrared portion of the spectrum. Recently burned areas on the other hand have relatively low reflectance in the near-infrared and high reflectance in the shortwave infrared band. A high NBR value generally indicates healthy vegetation while a low value indicates bare ground and recently burned areas.



4.1. By Band Maths

- 4.1.1. Select: 'Raster' / 'Band Maths...'
- 4.1.2. Set up the I/O and the processing parameters as shown in the Figure below
- 4.1.3. Change the output name in 'NBR_June'
- 4.1.4. Deselect "Virtual"



4.1.5. Select "Edit Expression ... "

4.1.6. Type in the following expression in the 'Expression' field: "(\$1.B8 - \$1.B12) / (\$1.B8 + \$1.B12)"

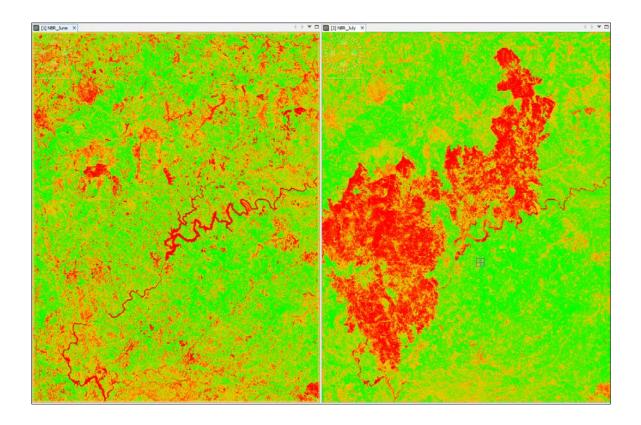
Band Maths ×	Band Maths Expression Editor ×
Target product: [1] Subset_S2A_MSIL2A_20170614T112111_N0205_R037_T29TNE_20170614T112422_10m	Product: [1] Subset_S2A_MSIL2A_20170614T112111_N0205_R037_T29TNE_20170614T112422_10m Data sources: Expression:
Name: NBR_June Description:	\$1.B2 0 + 0 \$1.B3 0 - 0
Unit: Spectral wavelength: 0.0	\$1.84 \$1.88 \$1.88
Virtual (save expression only, don't store data) Replace NaN and infinity results by	\$1.811 @ / @ \$1.812 (@)
Generate associated uncertainty band Band maths expression:	Constants V Operators V
	Show masks
Load Save Edit Expression	Show tie-point grids Show single flags Ok, no errors.
QK Çancel <u>H</u> elp	QK <u>Cancel</u> <u>H</u> elp

- 4.1.7. Click 'OK'
- 4.1.8. The newly created NBR band is added as band of the input product
- 4.1.9. Replicate the action for the second product [2] changing the output name 'NBR_July'
- 5. View NBR bands
 - 5.1. Select 'NBR_June' band name in "Product Explorer" window and double click
 - 5.2. Repeat for the 'NBR_July' band associated to the second image
 - 5.3. Synchronise views by selecting the relevant icons in the "Navigation" tab
 - 5.4. Select: 'Window' / 'Tile Horizontally'

6. <u>Colour Manipulation</u>

- 6.1. Select NBR_June image displayed
- 6.2. Select: "Colour Manipulation" tab
- 6.3. Click on "Auto-adjust to 95% of all pixels" icon
- 6.4. [Min: Red]; [Mean: Orange]; [Max: Green]
- 6.5. Repeat for the NBR_July obtaining the following result





7. Burn Severity

Normalized Burn Ratio is frequently used to estimate burn severity. Imagery collected before a fire will have very high near infrared band values and very low mid infrared band values and a Imagery collected over a forest after a fire will have very low near infrared band values and very high mid infrared band values. Higher dNBR indicate more severe damage. Areas with negative dNBR values may indicate increased vegetation productivity following a fire.

 $dNBR \text{ or } \Delta NBR = PrefireNBR - PostfireNBR = NBR_{June} - NBR_{July}$

The meaning of the Δ NBR values can vary by scene, and for best results interpretation in specific instances should always be based on some field assessment. However, the table below from the USGS FireMon program can be useful as a first approximation for interpreting the NBR difference.

dNBR	Burn Severity
< -0.25	High post-fire regrowth
-0.25 to -0.1	Low post-fire regrowth
-0.1 to +0.1	Unburned
0.1 to 0.27	Low-severity burn
0.27 to 0.44	Moderate-low severity burn
0.44 to 0.66	Moderate-high severity burn
> 0.66	High-severity burn

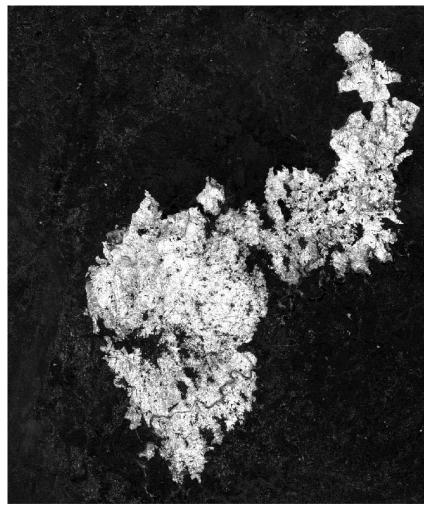
- 7.1. Select: 'Raster' / 'Band Maths...'
- 7.2. Set up the I/O and the processing parameters as shown in the Figure below
- 7.3. Change the output name in 'dNBR'
- 7.4. Deselect "Virtual"
- 7.5. Select "Edit Expression..."



7.6. Type in the following expression in the 'Expression' field: "\$1.NBR_June - \$2.NBR_July"

🛃 Band Maths		×	Band Maths Expres	sion Editor	×
Target product: [1] Subset_S2A_MSI	L2A_20170614T112111_N0205_R037_T29TNE_201	70614T112422_10m ∨			205 R037 T29TNE_20170614T112422_10m
Name:	dNBR	_	Data sources: \$1.B2	0 + 0	Expression: \$1.NBR_June - \$2.NBR_July
Description: Unit:			\$1.B3 \$1.B4	0 - 0	
Spectral wavelength:			\$1.B8	@ * @	
Virtual (save exp Replace NaN and	ression only, don't store data)	NaN	\$1.B11 \$1.B12		
·	ted uncertainty band	Han	\$1.NBR_June	Constants V	
Band maths expression	n:		Show bands	Operators V	
			Show masks	Functions V	
Load Sa	Edit Exp	pression	Show tie-point grids Show single flags		📑 📋 🔉 😰 🖉 Ok, no errors.
	Ōĸ	Cancel Help			OK Cancel Help

- 7.7. The symbols "\$1." and "\$2." are the links to the different products
- 7.8. Obtaining the following result



7.9. The brightest pixels represent high dNBR meaning high-severity burn.

8. Colour Manipulation

8.1. Select dNBR band displayed on the screen

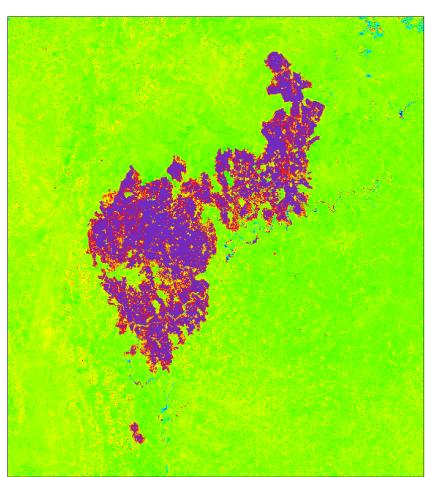
8.2. Go to "Colour Manipulation" tab (bottom left) and select 'Basic' as editor



8.3. Import colour palette from text file clicking on the icon and selecting the file named 'dNBR_ColourPalette.cpd'

dNBR	Burn Severity	Colour Palette
< -0.25	High post-fire regrowth	
-0.25 to -0.1	Low post-fire regrowth	
-0.1 to +0.1	Unburned	
0.1 to 0.27	Low-severity burn	
0.27 to 0.44	Moderate-low severity burn	
0.44 to 0.66	Moderate-high severity burn	
> 0.66	High-severity burn	

8.4. In order to take the range from the file click 'No' on the pop-up message





EXERCISE 3 (Water change detection)

Data: Sentinel-2A Level 2A:

- S2A_MSIL2A_20170101T082332_N0204_R121_T34HCH_20170101T084543.SAFE •
- S2A_MSIL2A_20180116T082251_N0206_R121_T34HCH_20180116T120458.SAFE
- 1. Open file
 - 1.1. 'File' / 'Open Product'
 - 1.2. Browse to:

/data/Ex-3/S2A_MSIL2A_20170101T082332_N0204_R121_T34HCH_20170101T084543.SAFE

- /data/Ex-3/S2A_MSIL2A_20180116T082251_N0206_R121_T34HCH_20180116T120458.SAFE
- 1.3. Select the 'MTD_MSIL2A.xml' file for each product and click 'Open'

2. View RGB image view

- 2.1. Select the first product in "Product Explorer" window
- 2.2. Select: 'Window' / 'Open RGB Image Window'
- 2.3. Leave default natural colour combination and click OK
- 2.4. Repeat the steps 2.1, 2.2 and 2.3 for the second product [2]
- 3. View multiple viewers
 - 3.1. Select: 'Window' / 'Tile Horizontally'
 - 3.2. Synchronise views by selecting the relevant icons in the 'Navigation' tab

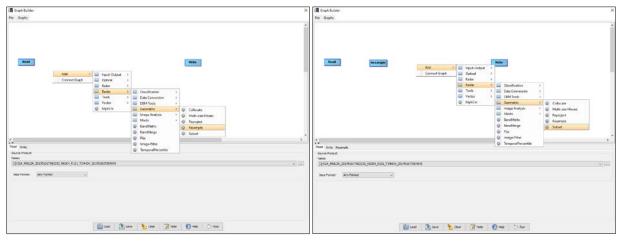


The Sentinel-2 data contains 13 spectral bands at different spatial resolution (10, 20 and 60 meters), therefore before to apply the processing involving bands at different resolution we need to resample them.

Due to the short time slot dedicated to the practical we will focus the attention to the Waterskloof Dam (South Africa) running a pre-processing graph that will subset spatially and spectrally the original product. The steps to set-up the pre-processing graph in SNAP are shown below.

4. Pre-processing Graph Builder

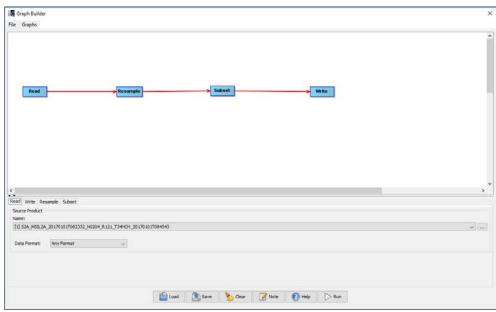
- 4.1. Select the product in "Product Explorer" window
- 4.2. Select: 'Tools' / 'GraphBuilder' or the icon
- 4.3. In the GraphBuilder window we can start to build our graph clicking the right button of the mouse and add all the SNAP modules that we need.
- 4.4. Resample Module: 'Add' / 'Raster' / 'Geometrics' / 'Resample'
- 4.5. Subset Module: 'Add' / 'Raster' / 'Geometrics' / 'Subset'



4.6. Right click on the GraphBuilder window and select 'Connect Graph'

4.7. Once that all the modules of the graph are connected we can set up the parameters as shown below



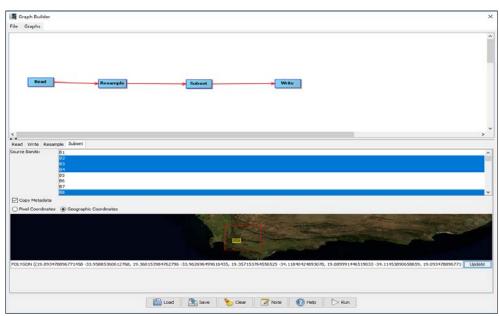


Reader: Select the product acquired on 2017.

| By Larget width and heights Target width | roduct:
Resulting larget width: 1800
Resulting larget height: 1800
Target height:
Width / height ratio:
Resulting larget height: 10090
Resulting larget height: 10990 | eet | Read Resample If Write Resample If Write< | Read Resample If Write Resample If Write< | Read Bibaset Write Resample Bit Resulting Garget width: Resulting Garget width: 10300 Resulting Garget width: 10000 Write/ Incipit: 10000 Resulting Garget width: 1 | Read Resample Subset Write Subset Write Set Virte Image: Subset Define size of resample Subset Image: Subset Object region on source product: Image: Subset Object region on source product: Resulting target width: 10.00 Target width: 10.00 O by target width: 10.00 Target width: 10.00 Target width: 10.00 O by target width: 10.00
 | B1 | Read Rewright Subset virise Reample subset > reference band from source product: Reading target width: 1500 reference band from source product: Reading target width: 1500 * arget width: and height: 10000 10,000 0 * porel resolution (in m): Reading target width: 10,000 | Read Reample Write Reample Write Reample Subset Reample Streample Subset By reference band from source product: Real-Wing target width: 1300 By target width and height: Target swidth: 1300 By target width and height: Width / Incyst relate: 1,00000 By poor resolution (in m): Realing target width: 10900 | Read Beaungle Suburt Write Resample Write Write Resample Suburt Write Resample Suburt By reforence band from source product: Resulting target width: 10.98 By target width and height: Target width: 10.99 by poor resolution (in m): Resulting target width: 10.900 | Read Resample Write Subset Write Subset Write Resample Subset Image: Subset By degret width and height: Image: subset By pool resolution (in m): Resulting target width: 10500 By pool resolution (in m): Resulting target width: 10500 | Bead Resample Subset write Resample Subset e size of resample Subset e size of resample Subset e size of resample Subset y reference band from source product: BI Resulting torget height: 13:00 Target height: 13:00 Target height: 10:000 width and height: 10:000 y post resolution (in m): Resulting target height: 10:900 Resulting target height: 10:900 Resulting target height: 10:900 | Write Resample Subset Write Resample Subset Write Resample Subset If y reference band
from source product: B1 By reference band from source product: Resulting target width: 1500 By target width and height: 1500 1000 By poorl resolution (in m); Resulting target width: 10900 | Read Resample Subart Will related to the subart rise Resample Subart Subart rise freesmapled product Image to the subart Image to the subart reference bend from source product: Resulting larget width: 10.50 Resulting larget width: 13.50 Image to the subart target width and height: Target height: 10.000 poor resolution (n m): Resulting larget width: 10.900 | Read Suburt Write Write Resample Suburt Write Resample Suburt By reference band from source product: Resulting target width: 1500 By target width and height: Target width: 1500 By poor resolution (in m): Resulting target width: 10000 | Write Resample Write Write Resample Write Write Resample Subset Invoise Resample Subset Startingte Subset Subset Invoise Resample Subset Startingte Subset Subset Invoise Resample Subset Startingte Subset Subset Su | Read Reample Subset virise Reample Subset virise Reample Subset reference band from source product: Reading larget vidth: 10.00 reference band from source product: Reading larget vidth: 10.00 reget width and height: Target hight: 10.000 repet width: 1.00000 10.000 | Resample Subset Write Resample Write Resample Subset Image: Write By reforence band from source product: Image: Write By target width: and height: 1530 By target width: and height: 10,000 By target width: and height: 10,900
 | Resample Subset Write Resample Subset Image: Write By reforence band from source product: Image: Write By target width and height: 1300 By target width and height: 1300 By target width: 10,0000 by power resolution (in m): Resulting target width: 10,900 | Write Resample Write Write Resample Write Write Resample Subset The state of resampled product: B1 By reference band from source product: Resulting farget width: 10.50 By target width and height: 10.0000 10.5 By target width and height: 10.0000 10.5 By poor resolution (n m); Resulting target width: 10.9000 | Write Resample Write Write Resample Subset: fire starting for product: Resample 1000 By target width and height: 10000 100 By target width and height: 10000 100 By poor (resolution (in m)): Resulting target width: 10000 | Read Resample Write Write Resample Write Write Resample Subset ne size of resampled product III By reforence band from source product: Reading subject width: 1030 Reading subject width: 1330 Target width: 1300 By target width: 120. By target width: 120. Write 120. Write 120. | Read Resample Subset Write Resample Subset write Resample Subset res due of resampled product III By reforence band from source product: Resulting target heights 1500 Reget width and heights Target heights 15.00 By target width: 10.0000 10.0000
 | Read Mile Write Exclamate Write Mile Write Reading larget width: 1300 Reading larget width: 1300 Target width: 1300 Target width: 1300 10000 | Read Resample Write Resample Subset Image: Subset If write Resample Subset Image: Subset Bit Resaling Grapet Height: Bit Resaling Grapet Height: Bit Image: Width and height: Bit Image: Width and height: Bit Image: Width and height: | Read Write Resample Subast Write Resample Subast Image: Write Write Resample Subast Image: Write Bit Image: Write Resample Subast Bit Image: Write Image: Write Image: Write Image: Write Image: Write Image: Write Image: Write Image: W | Resample Subset Write Resample Subset Write write Resample Subset Intervention eue of resampled product Bit veforence band from source product: Resulting target width: Resulting target width: 13.00 Ranget width: 13.00 y target width and height: 10.91 | Read Resample Subset write Resample Subset esser of resampled product B1 references band from source product: Resulting target midflin: 18:30 rarget midflin: 18:30 rarget midflin: 10:306 rarget midflin: 10:306 rarget midflin: 10:306 rarget midflin: 10:306 | Resample Subset Write File Write File Write Resample Subset File Bit Reading Grapht Write Bit Reading Grapht Bit Bit Reading Grapht Bit Bit Reading Grapht Bit
 | I Write Resample Subset Write I Write Resample Subset Image: Subset I Write Resample Subset Image: Subset DBy reference band from source product: Image: Subset Resulting target width: 1.500 Resulting target height: 1.500 | Read Reample Wite 1 Write Reample Subset Wite 21 Write Reample Subset Reample Subset 21 Write Reample Subset Reample Subset 21 Write Reample Subset Reample Subset 20 yreference band from source product: Read/org forget Weddh: 2500
Read/org forget Medh: | Read Resample Subset 4 Write Resample Subset | Read Resample Subset | Read Resample Withe Resample subset
 |
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------		
ad Write Resample Subset Define size of resampled product By reference band from source product: By reference band from source product: By target width and height: By ta	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet duct Resulting larget width: Staget height: Kes Taget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Staget height: Staget height: Staget height: Staget height: Staget height: Sta	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample subset Define size of resampled product O By reference band from source product: Resulting to Resulting to Target width and height: Target width	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet act BI Accurrent Accurrent BI Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accu	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample Subset before size of resampled product: By reference band from source product: By target width and height: Target width	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet duct Resulting larget width: Staget height: Kes Taget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Staget height: Staget height: Staget height: Staget height: Staget height: Sta	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample Subset Seffre size of resampled product O By reference band from source product: Bi Resulting to Target wild By target wildh and height: Target wild	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet duct Resulting larget width: Staget height: Kes Taget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Staget height: Staget height: Staget height: Staget height: Staget height: Sta	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample Subset Seffre size of resampled product O By reference band from source product: Bi Resulting to Target wild By target wildh and height: Target wild	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet duct Resulting larget width: Staget height: Kes Taget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Kes Resulting larget width: Staget height: Staget height: Staget height: Staget height: Staget height: Staget height: Sta	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample subset Define size of resampled product O By reference band from source product: Resulting to Resulting to Target width and height: Target width	roduct: Resulting larget width: 1800 Resulting larget height: 1800 Target height: Width / height ratio: Resulting larget height: 10090 Resulting larget height: 10990	eet act BI Accurrent Accurrent BI Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accurrent Accu	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul	d wine Resample Subset fine source product: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resulting target midfh: Bi Resul
ad Write Resample Subject Define size of resampled product By reference band from source product: Resulting to Target widt by target width and height: Target width	roduct: Resulting larget width: 1500 Resulting larget width: 1200 Target width: Width / heptifratia: Resulting larget width: 10990 Resulting larget width: 10990	eet	d Write Resample Subset effere size of resample Subset effere size of resample Subset Dev reference band from source product: Dev reference band from source product from source product from source	d Write Resample Subset effere size of resample Subset effere size of resample Subset Dev reference band from source product: Dev reference band from source product from source product from source
effine size of resampled product Bit Bit D By reference band from source product: Resulting to Resulting to Resulting to Resulting to Target heights D By target width and heights Target heights	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct [8] source product: Acad Uring farget widdlin: 25:30 Resulting target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Resulting target widdlin: 38:30 Resulting target widdlin: 39:300	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta
 | ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90 | pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000 | e size of resampled product: | Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v reference band from source product: Resulting target width: 1800 18v target width and height: 10,91 10,91 18v prof. resolution (in m): Resulting target width: 1,0000 | size of resampled product reference band from source product: reference band from source ban | ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90 | fine size of resampled product III 18 y reference band from source product: Reviting target width: 2830 18 y reference band from source product: Reviting target width: 1830 18 y target width: 1830 100 18 y target width: 1000 100 19 y poel resolution (in m): Resulting target width: 1.0000
 | size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou | Bi By reference band from source product: Bi By reference band from source product: Reculting larget width: 1830 By target width: 1830 10,9 By target width: 10,9 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9 | ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5 | hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of | fine size of resampled product B B B B B B B B B B B B B | Ine size of reserviced product B Providence band from source product: By target width: By target w | Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000 | he size of resampled product
 B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0 | Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000 | Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target hinght: 10,95 Wildth //Height ratio: 10,000 10,90 | e size of resampled product B1 yreference band from source product: Resulting target width: 15:50 Resulting target width: 18:30 12:30 y target width and height: 18:30 10:01 | e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and heights: 10,980 Varget width and heights: 10,980 | Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830
 | Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100 | Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830 | effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000 | vefne size of resampled product | vefne size of resampled product
 |
before size of recampled product D By reference band from source product: Reculting to Reculting to Reculting to Target width and heights Target heigh	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	before size of resampled product IBI Dev reference band from source product: Resulting target width: 1000 Resulting target width and height: Target width: 1000	IBI 2830 Resulting target width: 2830 Resulting target width: 130 Target width: 10,980 Target height: 10,980 Width / height: 10,980 Width / height: 10,080	Resample Subset 81 reference band from source product: 81 Resulting Kropet Height: 1000 target width: 10,000 target width: 10,000 your eresolution (in m): Resulting Kropet Height: 10,000	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v reference band from source product: Resulting target width: 1800 18v target width and height: 10,91 10,91 18v prof. resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi By reference band from source product: Bi By reference band from source product: Reculting larget width: 1830 By target width: 1830 10,9 By target width: 10,9 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target hinght: 10,95 Wildth //Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:50 Resulting target width: 18:30 12:30 y target width and height: 18:30 10:01	e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and heights: 10,980 Varget width and heights: 10,980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	Pefine size of resampled product	vefne size of resampled product
effine size of resampled product Bit Bit D By reference band from source product: Resulting to Resulting to Resulting to Resulting to Target heights D By target width and heights Target heights	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct [8] source product: Acad Uring farget widdlin: 25:30 Resulting target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Target widdlin: 38:30 Resulting target widdlin: 38:30 Resulting target widdlin: 39:300	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	effre size of resampled product. By reference band free source product: By reference band free source product: Benulting target width: Bai Comparison of the source product: Bai By target width and height: Bai By target width and height: Bai By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target width and height: By target wi	B1 3500 Resulting target width: 3500 Resulting target width: 1300 Target width: 10,980 Target height: 10,980 Weight / Height: 10,980 Weight / Height: 10,0000	Image: Resample Subset Image: Resample Subset reference band from source product: Image: Resulting (arget width: 1000) reference band from source product: Resulting (arget width: 1000) reget width: and height: 10000 target height: 10000 reget width: /height rate: 1.0000 reget resolution (in m): Resulting target width: 10980	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v reference band from source product: Resulting target width: 1800 18v target width and height: 10,91 10,91 18v prof. resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi By reference band from source product: Bi By reference band from source product: Reculting larget width: 1830 By target width: 1830 10,9 By target width: 10,9 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target hinght: 10,95 Wildth //Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:50 Resulting target width: 18:30 12:30 y target width and height: 18:30 10:01	e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and height: 10.980 Varget width and height: 10.980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	vefne size of resampled product	vefne size of resampled product
before size of recampled product D By reference band from source product: Reculting to Reculting to Reculting to Target width and heights Target heigh	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	before size of resampled product IBI Dev reference band from source product: Resulting target width: 1000 Resulting target width and height: Target width: 1000	IBI 2830 Resulting target width: 2830 Resulting target width: 130 Target width: 10,980 Target height: 10,980 Width / height: 10,980 Width / height: 10,080	Resample Subset 81 reference band from source product: 81 Resulting Kropet Height: 8300 Target Height: 10000 target width: 100000 your erosultion (in m): Resulting Kropet Height: 10000	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v reference band from source product: Resulting target width: 1800 18v target width and height: 10,91 10,91 18v prof. resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi By reference band from source product: Bi By reference band from source product: Reculting larget width: 1830 By target width: 1830 10,9 By target width: 10,9 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target hinght: 10,95 Wildth //Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:0 Resulting target width: 18:0 10:0 y target width and height: Target width: 10:0	e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and height: 10.980 Varget width and height: 10.980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	Pefine size of resampled product	vefne size of resampled product
before size of recampled product D By reference band from source product: Reculting to Reculting to Reculting to Target width and heights Target heigh	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct [8] source product: Acad Uring target widdly: 2530 Resulting target widdly: 2530 Resulting target widdly: 1830 Target might [10,980 Wider, / height rades: 1.00000 Wider, / height rades: 1.00000	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	before size of resampled product IBI Dev reference band from source product: Resulting target width: 1000 Resulting target width and height: Target width: 1000	B1 3500 Resulting target width: 3500 Resulting target width: 1300 Target width: 10,980 Target height: 10,980 Weight / Height: 10,980 Weight / Height: 10,0000	Image: Resample Subset Image: Resample Subset reference band from source product: Image: Resulting (arget width: 1000) reference band from source product: Resulting (arget width: 1000) reget width: and height: 10000 target height: 10000 reget width: /height rate: 1.0000 reget resolution (in m): Resulting target width: 10980	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v reference band from source product: Resulting target width: 1800 18v target width and height: 10,91 10,91 18v prof. resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi By reference band from source product: Bi By reference band from source product: Reculting larget width: 1830 By target width: 1830 10,9 By target width: 10,9 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: Resulting target width: By target width and height: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target hinght: 10,95 Wildth //Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:0 Resulting target width: 18:0 10:0 y target width and height: Target width: 10:0	e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and height: 10.980 Varget width and height: 10.980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	Pefine size of resampled product	vefne size of resampled product
effre size of resampled product B1 By reference band from source product: Resulting to Resulting to Target width and height: Target heigh	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	eet duct [8] source product: 8=	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	effre size of resampled product B1 Dry reference band from source products Resulting target widths 1000 Resulting target width and heights 1000 1000 Dry target width and heights Target heights 1000	B1 10.50 Resulting target width: 10.50 Resulting target height: 18.00 Target width: 10.0,980 Target height: 10.0,980 Width / height ratio: 10.0000	Image: Subset Image: Subset reference band from source product: Image: Subset reference band from source product: Resulting target width: 1830 target width: and height: 1830 10,980 target width: and height: 1830 10,980 target width: and height: 10,000 10,980 under / height rates: 1.0000 10 pore (resolution (in m): Resulting target width: 10980	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v target width and height: 1800 10,99 18v porel resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi 81 By reference band from source product: Reculting larget width: 1830 By target width and height: 1800 10,9 By target width: 1800 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: Resulting target width: By target width and height: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target height: 10,95 Wildth / Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:0 Resulting target width: 18:0 10:0 y target width and height: Target width: 10:0	e size of resampled product B1 vetference band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and height: 10.980 Varget width and height: 10.980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	effine size of resampled product	effine size of resampled product
effre size of resampled product B1 By reference band from source product: Resulting to Resulting to Target width and height: Target heigh	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	Auct	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	effere size of resampled product Bit Of y reference band from source product: Resulting target width: Stop P target width and height: Bit P target width: Bit P ta	the size of resampled product Bi Provementation Bi Resulting Larget width:	effre size of resampled product B1 Dry reference band from source products Resulting target widths 1000 Resulting target width and heights 1000 1000 Dry target width and heights Target heights 1000	product: Remulting target height: 18.90 Remulting target height: 18.90 Target widh: 10.0,980 Target widh: 10.0900 Widh / height ratio: 1.00000	size of resampled product B1 reference band from source product: Resulting larget width: 10.30 Resulting larget width: 18.30 10.980 target width: 10.980 10.980 vertiget width: 10.0000 10.980 provel resolution (in m): Resulting larget width: 1.00000	by see of resampled product 81 By reference band from source product: Resulting target width: 1830 By target width and height: Target height: 10,900 By target width: 10,000 10,900 By target width: 1,0000 10,900 By by pool resolution (in m): Resulting target width: 1,0000	ne size of resampled product Bit 800 By reference band from source product: Resulting target width: 2830 Resulting target width: 1830 10,99 By target width: and height: 10,90 10,90 By target width: 1,0000 10,90 By target width: 1,0000 10,90	pe eze of resampled product Bi 10000 By reference band from source product: Read/brg (arget width: 10000 By target width and height: 10000 10,980 By powel resolution (in m): Read/brg (arget width: 10,000 By powel resolution (in m): Read/brg (arget width: 10,000	e size of resampled product:	Insiste of resampled product B1 19v reference band from source product: Resulting target width: 1900 18v reference band from source product: Resulting target width: 1800 18v target width and height: 1800 10,99 18v porel resolution (in m): Resulting target width: 1,0000	size of resampled product reference band from source product: reference band from source ban	ne size of resampled product Bit 500 By reference band from source product: Resulting target width: 1800 By target width and height: 1800 10,91 By target width and height: 10,000 10,90 By target width: 1,00000 10,90 By target width: 1,0000 10,90	Insiste of resampled product Image: Ima	size of resampled product III reference band from source product: Resulting target width: rarget width: And height: rarget width: And height: reference band from source product: reference band from source band from sou	Bi 81 By reference band from source product: Reculting larget width: 1830 By target width and height: 1800 10,9 By target width: 1800 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 10,000 10,9 By target width: 1,0000 10,9	ne size of resampled product Bi By reference band from source product: Resulting larget width: 1030 Resulting larget width: 1330 10,5 By target width: 10,0 10,5 By target width: 10,0 10,5 Width:/height: 10,0000 10,5 By target width: 10,0000 10,5 By target width: 1,00000 10,5 By target width: 1,00000 10,5	hre size of resampled product By reference band from source product: By target width and height: By target width and height: By target width and height: By poor resolution (in m): By poor resolution (in m): By poor resolution (in m): Bit is a start of the start of	fine size of resampled product B B B B B B B B B B B B B	Ine size of reserviced product B Providence band from source product: Resulting target width: By target width and height: By target width: By target w	Bi By reforence band from source product: Resulting target width: 1000 By target width and height: Target might: 13.00 By target width and height: Target might: 10.0000	he size of resampled product B1 1030 By reference band from source product: Resulting larget width: 1830 Resulting target width: 1830 10,5 By target width and height: 10,0 10,5 Width //height rates: 1,00000 10,0	Bit Image: Bit)By reference band from source product: Resulting target width: 1000 Resulting target width: 1000 Target width: 1000 (B) target width: 1000 (B) target width: 1000	Bit 1030 by reference band from source product: Renuling Greget woldth: 1830 Resulting Greget woldth: 1830 10,95 Target woldth: Target woldth: 18,00 by target woldth: Target height: 10,95 Wildth / Height ratio: 10,000 10,90	e size of resampled product B1 yreference band from source product: Resulting target width: 15:0 Resulting target width: 18:0 10:0 y target width and height: Target width: 10:0	e size of resampled product B1 vetforence band from source product: Resulting target width: 1830 Resulting target width: 1830 Vetget width and height: 10.980 Varget width and height: 10.980	Ine size of resampled product B1 By reference band from source product: Resulting larget width: 1830 Resulting target height: 1830	Infre size of resempted product B1 By reference band from source product: Resulting target Height: 100 Resulting target Height: 100	Bit By reference band from source product: Resulting larget midth: 1930 Resulting larget midth: 1830	effere size of resempted product B1 Of yreference band from source product: Resulting larget width: 2000	effne size of resampled product	effne size of resampled product
By reference band from source product: Resulting to Resulting to) By reference band from source product: Resulting to Resulting to) By target width and height: Target implication	roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580	Bi Resulting torvjet viditiv 18:30 Resulting torvjet redjiti 18:30 Resulting torvjet redjiti 18:30 Naget heights 10,980 Wellsr / height redsi: 1,0000 Resulting target width: 10000	B1 Resulting target width: 2000 Pay reference band from source product: Resulting target width: 2000 Pay reference band from source product: Resulting target width: 10.00 Day target width: Target width: 10.000 Day target width: 1.00000 10.000 Day target width: 1.00000 10.0000 Day target width: 1.00000 1.00000 Day target width: 1.00000 1.00000 <	B1 Resulting target width: 2000 Pay reference band from source product: Resulting target width: 2000 Pay reference band from source product: Resulting target width: 10.00 Day target width: Target width: 10.000 Day target width: 1.00000 10.000 Day target width: 1.00000 10.0000 Day target width: 1.00000 1.00000 Day target width: 1.00000 1.00000 <	IB I Resulting target width: 1000 Pay reference band from source product: Resulting target width: 1000 IB y target width and height: Target width: 1000 IB y target width and height: Target width: 10000 IB y ponel resolution (in m): Resulting target width: 10000 Resulting target width: 10900 100000 IB y ponel resolution (in m): Resulting target width: 10900 Resulting target height: 10900 Imaget height: 10900	By reference band free source product: Resulting target indiffs: 1000 By reference band free source product: Resulting target indiffs: 1000 Resulting target indiffs: 1800 1800 D by target width Target indiffs: 1800																												
 | product: Rew/Img toppet Height: 1830 Rew/Img toppet Height: 1830 Targets width: 10,980 Target height: 10,080 Width / height: 1,0000 | B1 1000 reference band from source product: Revel/ing target width: 1000 Revel/ing target width: 2300 10,980 target width: Target hinght: 10,080 target width: 1,0000 10,080 porel resolution (in m): Resulting target width: 10000 | B1 10:00 By reference band from source product: Resulting target width: 10:00 By target width and height: 13:00 10:000 By target width: 10:000 10:000 By book resolution (in m): Resulting target width: 10:000 | B1 18.00 By reference band from source product: Resulting target width: 18.00 Resulting target width: 18.00 10.99 By target width and height: 1.0000 10.990 By pool resolution (in m): Resulting target width: 1.00000 | B1 1000 Py reference band from source product: Resulting target midth: 1000 Resulting target midth: 1000 10,95 By target width and height: 1,0000 10,95 By posel resolution (in m): Resulting target height: 1,0000 By posel resolution (in m): Resulting target height: 10990 | B1 181 v reference band from source product: Read/origit (arget width): 1830 Read/origit (arget width): 1830 10,98 v target width: Target hight: 10000 v target resolution (in m): Read/origit arget width: 10000 Read/origit arget width: 10000 10,980 Read/origit arget width: 10980 10980
 | B1 IB3 By reference band from source product: Resulting target height: 1800 Resulting target height: 1800 Target width and height: 1800 IBy port resolution (in m): Resulting target width: 10,000 IB y port resolution (in m): Resulting target width: 1,00000 | B1 | B1 500 By reference band from source product: Resulting target width: 1000 Resulting target width: 1800 10,91 By target width: 10,91 10,91 By target width: 10,91 10,91 By pool resolution (in m): Resulting target width: 1,0000 | By reference bend from source product: B1 By reference bend from source product: Revelops target width: 1800 Revelops target width: 1830 1800 Target width: 1800 1800 By target width: 1800 10000 Ubstrate: 1.00000 10000 By poel resolution (in m): Resulting target width: 10980 | B1 1030 reeference band from source product: Read/ting larget width: 1030 Read/ting larget width: 1030 10,9 rarget width: Target width: 10,0 rarget width: 10,000 10,9 vidth: / terget width: 1,0000 rget resolution (in m): Resulting larget width: 1,0000
 | B1 10.20 By reference band from source product: Resulting target width: 10.20 Resulting target width: 18.30 10.92 By target width: Target width: 10.90 By target width: 10.0000 10.0000 Width: / height rates: 1.00000 10.0000 by serie resolution (in m): Resulting target width: 10980 | B1 10.20 By reference band from source products Resulting to get width: 10.20 Resulting to get height: 38.30 30.20 By target width and height: Target height: 38.30 By target width: Target height: 10.00 Width: / height rates: 1.00000 10.0000 by self resolution (in m): Resulting target width: 10.9000 | B1 81 By reference band from source product: Resulting larget weldth: 1000 Resulting larget weldth: 1000 1000 By larget weldth and height: 1000 1000 By broker resolution (in m): Resulting larget weldth: 10000 By pool resolution (in m): Resulting larget weldth: 10000 | B1 500 By reference band from source product: Resulting target Height: 1000 Resulting target Height: 1000 1000 By target width and height: 10000 10000 Width / height ratio: 1.00000 10000 By poorl resolution (in m): Resulting target width: 10900 | B1 Resulting larget width: 1000 By reference band from source product: Resulting larget width: 1000 By target width and height: Target height: 10000 By target width: Target height: 10000
 | B1 Resulting larget width: 1830 By reference band from source product: Resulting larget width: 1830 By target width and height: 1830 10,11 By target width: Target width: 10,11 By target width: Target height: 10,11 By target width: Target height: 10,11 By target width: Target height: 10,11 | B1 Res/Hom source product: Res/Hom Surget width: 1830 By reference band from source product: Res/Hom Surget width: 1830 By target width: 1830 10.0 By target width: Target height: 10.0 Width: //Hoght rate: 1.00000 10.0 | By reference band frem source product: Resulting target Height: 1500 By reference band frem source product: Resulting target Height: 1800 Resulting target Height: 1800 100 By target width and height: Target Height 100 | Bi 1000 by reference band from source product: Resulting target midth: 1000 Resulting target midth: 1000 10,90 by target width: Target midth: 10,90 by target width: Target midth: 10,90 Width //Horpit rates: 1,0000 10,90 | Bi y reference band free source product: Resulting (arget inditiv) 10.00 Resulting (arget inditiv) 18.00 10.01 y target width and height: Target source) 10.01
 | Bit y reference band frem source product: Resulting target width: 10:00 Resulting target height: 38:00 10:00% y target width and height: Target height: 10:00% | B1 B2 By reference band from source product: Resulting target midth: 1000 Resulting target height: 100 | Bit Bit Day reference band from source product: Resulting target Height: 1830 Resulting target Height: 1830 | B1 200 Dev reference band from source product: Resulting target midth: 2800 Resulting target midth: 1800 | B1 Dey reference band from source product: Resulting larget width: 1830
 | Fine size of resampled product | Fine size of resampled product |
|) By reference band from source product: Resulting to
Resulting to
Target width and height: Target width | roduct: Rewilling target width: 1500 Rewilling target width: 1830 Target kildhit Target kildhit Width / height rate: 1.0000 Rewilling target kildhit: 10980 Rewilling target kildhit: 20580 | Resulting target width: 1830 Resulting target reight: 1830 Target height: 1830 March 100,980 Width / Height: 10,000 Width / Height ratio: 1.00000 Resulting target width: 10980 | Dev reforence band frem source product: Resulting larget width: 1000 Resulting larget meght: 18.00 Dev reforence band height: 18.00 Dev reforence band height: 10.000 Dev reforence band height: 10.000 Dev preforence band height: 10.000 Deveret Deveret | Dev reforence band frem source product: Resulting larget width: 1000 Resulting larget meght: 18.00 Dev reforence band height: 18.00 Dev reforence band height: 10.000 Dev reforence band height: 10.000 Dev preforence band height: 10.000 Deveret Deveret | By reference band from source product: Resulting target weight: 1930 Resulting target weight: 1830 18y target weight: 1830 18y porel resolution (in m): Target height: 18y porel resolution (in m): Resulting target weight: 18y porel resolution (in m): Resulting target weight: 18y porel resolution (in m): Resulting target weight: 18y porel resolution (in m): Note: | Dev reference band from source product: Resulting target width: 1830 Resulting target registric 1830 Target width and leight: Target height:
 | product: Remulting target height: 2830 Remulting target height: 2830 Target keight: 10,980 Target height: 10,980 Wildt / height: 10,000 | reference band from source product: Resulting target width: 1830 Resulting target width: 1830 Target width: 1830 target width: 1830 target width: 1830 proget width: 1830 proget width: 10,980 Width / height rates: 1.0000 proget resolution (in m): Resulting target width: 10980 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 By target width and height: 1830 By target width: Target height: 10,980 Widtr / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 10940 | By reference band from source product: 1830 Resulting target Height: 1830 Resulting target Height: 1830 Resulting target Height: 1830 By target width: 1990 By pool resolution (in m): Resulting target width: 10000 Resulting target width: 10000 Resulting target width: 10900 Res | by reference band from source products Resulting topolt width: 1330 By barget width and heights Target height: 1330 Target width and heights Target height: 10,000 Width / height raise: 1,00000 Dy pole resolution (in m): Resulting target height: 10980 | y reference band from source product: Bcs.uthrop stropet width: 1300 Resulting stropet width: 1330 Target width and height: 1300 Y target width: 10,91 Vietary Height: 10,90 Vietary Height: 10,900 Vietary Height: 10980 Resulting target width: 10980 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 By target width: 1830 By target width: 1800 IBy barget width: 1.0000 IBy poel resolution (in m): Resulting target width:
 | Resulting target width: 1850 Resulting target width: 1850 Resulting target Height: 1850 target width: 1850 target width: 10,98 Width / height: 1,0000 pixel resolution (in m): Resulting target width: Resulting target width: 1,0000 | By reference band from source product: Resulting target width: 2830 Resulting target width: 2830 Resulting target width: 1830 By target width: Target height: 10,00 Width / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 10590 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1330 By target width: 1300 Sty target width: 10000 Up yoor / resolution (in m): Resulting target width: | reference band from source product: Resulting target width: 1500 Resulting target width: 1300 ranget width: 10,0 / target width: 10,000 Widt: 1,00000 rpset width: 1,00000 rpset resolution (in m): Resulting target width: 10980 | By reference band from source product: Resulting target Hights By target width and heights By target width and hei | By reference band from source product: Resulting target width: By target width and height: By target width: By target width: By target by target by target width: By target by target by target width: By target by tar | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 By target width and height: 1830 By target width and height: 10,000 By poor fesolution (in m): Resulting target width: 10980
 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 By target width and height: 1800 By target width: Target height: By pool resolution (in m): Resulting target width: | By reference band from source products Resulting target width 5300 Resulting target height: 1300 Sy target width and height: 1300 By target width and height: Target month: By target width and height: 100, Starget width and height: 100, | By reference band from source products Realiting target width: 13:30 Realiting target heights 13:30 Sty target width and heights Target heights 10:01 By target width and heights Target heights 10:0000 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 By target width and height: 1830 By target width: Target height: By target width: 10,1 10,1 10,1 10,1 10,1 10,1 10,1 10,1 10,1 |) By reference band from source product: Resulting target width: 1830
Resulting target height: 1830
Target width: 180
) By target width: 180
Target width: 100
 | by reference band from source product: Resulting target Hidth: 1550 Resulting target Hidth: 1830 10,97 Sy target width and height: Target Hinght: 10,97 Width / height: 10,000 10,97 | y reference band from source product: Resulting larget width: 1500 Resulting larget width: 1800 1800 Target width and height: 10,91 10,91 y target width: Target width: 10,91 | y reference band from source product: Resulting larget width: 1830
Resulting target width: 1830
Target width and leight: 1849
y target width and leight: 1849
Target width and leight: 1849 | By reference band from source product: Resulting target width: 200
Resulting target height: 3830 |) By reference band from source product: Resulting target width: 1830
Resulting target height: 1830
 |) By reference band from source product: Resulting target width: 2830
Resulting target height: 2830 |) By reference band from source product: Resulting target width: 2830 | | |
| Residing to
Target width and heights Target width | Resulting target height: 1830 Target width: Vidth:/height:afair: Resulting target width: 10980 Resulting target height: 10980 | Resulting target height: 1830 Target kindht: 10,580 Maget height: 10,580 Width: / height ratio: 10,000 Keining target width: 10090 | Residing target width and height: 1830 Disy target width and height: Target width: 10,98 Target width: Target height: 10,98 Width://height rate: 1,000 10,98 Up poor resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10980 ampling method Reserved 10980 | Residing target width and height: 1830 Disy target width and height: Target width: 10,98 Target width: Target height: 10,98 Width://height rate: 1,000 10,98 Up poor resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10980 ampling method Reserved 10980 | Resulting target width: 180 Target width: 100 18y barget width: 1.0000 Width: 1.0000 Resulting target width: 1.0000 By pool resolution (in m): Resulting target width: 10990 Resulting target width: 10990 10990 mpting method Nearest 10900
 | Resulting Growt height: 1830 Farget width and height: 1830 Straget width and height: Target height: | Resulting target Height: 38:30 Target width: 10,980 Target height: 10,980 Width / height ratio: 1,00000 | Resulting torget height: 1830 Target width: 10,900 target width: 10,000 Width:/height: 1,0000 powel resolution (in m): Resulting target width: 10900 | Resulting target width and height: 1830 Farget width and height: 10,950 By target width and height: 10,950 Width / Height ratio: 1,0000 By pool resolution (in m): Resulting target width: 10000 | Resulting target height: 1830 Target width: 10,09 By target width: 10,000 Wilth: / height ratio: 1,0000 Wilth: / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 100000 | Resulting Usper Height: 1830 Target: width: 10,95 By target width and height: 10,95 Width / height ratio: 1,0000 U 10,95 By pixel resolution (in m): Resulting target width: 10980
 Resulting target height: 10980 | Kenulting target width: 1830 Target width: 10,95 y target width: 10,95 Width and height: 10,90 Width / height ratio: 1,0000 y parel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 | Residing target width: 1830 Target width: 18,0 18y target width: 10,91 Uttl: Target inspit: 18y ponel resolution (in m): Resulting target width: | Resulting target height: 1830 Target height: 10,95 target width and height: Target height Vidth / height relia 10,95 Width / height relia 10,95 pixel relia 10,95 Width / height relia 10,000 pixel resolution (in m): Resulting target width: 10980 | Resulting target height: 1830 Target width: 10,91 By target width: 10,91 Width: / height ratio: 1,0000 Uttim: / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 109900 | Resulting torget Height: 1330 Target width: 100 18 y target width: 100 Width: / Height rates: 1.00000 Ib y pore resolution (in m): Resulting target width: | Resulting target width: 1830 Target width: 10,9 rarget width: 10,9 / target width: 10,000 / target width: 10,000 / target width: 1,0000 / target width: 1,0000
 | Resulting target width: 130 Target width: 10,9 By target width: 10,9 Width / height: 10,9 Width / height: 10,000 By target width: 10,000 By target width: 1,0000 By target width: 1,0000 By target width: 1,0000 | Resulting target width: 1330 Target width: 10,5 By target width: 10,5 Width / height: 10,5 Width / height: 10,0000 By target width: 10,0000 By target width: 10,0000 By target width: 10,0000 By target width: 10900 | Residing target width and height: 1830 By target width and height: 10,5 By target width and height: 10,000 By pool resolution (in m): Resulting target width: | Resulting target width and height: 1830 By target width and height: 100/ By poor (resolution (in m): Target width: 10000 By poor (resolution (in m): Resulting target width: 10000
 | Resulting target height: 1830 Target width and height: 10,0000 By target width and height: 1,00000 | Resulting Groppet Height: 1830 Target width and height: 10,5 Sy target width and height: Target Height: 10,1 Width: /height: 10,0000 | Resulting target Height: 1830 Target width and height: 10,5 By target width and height: 10,1 Width /height: 10,000 | Resulting target height: 1830 Target width: Target width: 100)By target width: Target width: 100 | Resulting target Height 1830 Target width Target width: 10,9 Sy target width and height: Target height: 10,9 Width / Height ratio: 1,0000 1,0000 | Resulting typet Height: 1830 Target width and height: 10,91 y target width and height: 10,91
 | Resulting target height: 1830 Target width and height: 10,980 y target width and height: 10,980 | Resulting target height: 1830 | Resulting target height: 1830 | Resulting target height: 1830 |
 | | |
| D By target width and height: Target heig | Target Hillin:
Target Hillin:
Vidth / Height:
Executive force width:
Resulting force width:
Resulting force Height:
10980 | Target Width: 10,980 Hz: Target Hight: 10,080 Width / Height ratio: 1,0000 Resulting target Width: 10980 | By target width: Target width: 10,98 By target width: Target height: 10,98 Width: /height rates: 10,000 Width: /height rates: 10,000 By pixel resolution (in m): Resulting target width: 10,980 Resulting target width: 10980 Resulting target width: 10980 ampting method Reserved | By target width: Target width: 10,98 By target width: Target height: 10,98 Width: /height rates: 10,000 Width: /height rates: 10,000 By pixel resolution (in m): Resulting target width: 10,980 Resulting target width: 10980 Resulting target width: 10980 ampting method Reserved | IBy barget width and height: 10,990 IBy pole resolution (in m): Target height: 1,0000 Resulting target width: 10980 Resulting target width: 10980 Resulting target width: 10980 mpting method Nearest
 |) By target width and height: Target height: | Target width: 10,980 Target heg/st: 10,980 Width / heg/st: 10,980 | Target width: 10,980 target width: Target height: 10,080 Width / height ratile: 1,0000 pole resolution (in m): Resulting target width: 10980 | By barget width and height: 10,990 By barget width and height: Target height: 10,990 Width / height ratio: 1,0000 By base resolution (in m): Resulting target width: 10980 | By barget width and height: 10,90 By barget width: Target height: 10,90 Width / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980 | By barget width and height: Target width: 10,98 By barget width: Target width: 10,98 Width: / height: 1,0000 Width: / height: 1,0000 By potel resolution (in m): Resulting target width:
 10980 Resulting target height: 10980 | y barget width and height: 10,98
y barget width and height: 10,98
width / height rate: 1,0000
y post resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Target width: 10,91 By target width: Target height: 10,91 Width / height ratio: 1,0000 JBy bole resolution (in m): Resulting target width: 10990 | Target width: 10,95 target width and height: Target height: 10,92 Width / height ratio: 10,000 pixel resolution (in m): Resulting target width: 10980 | Target width: 10,91 By target width: Target height: 10,91 Widtr / height ratio: 10,000 Widtr / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 | By target width and height: Target height: 10; By target width and height: Target height: 10; Width / height rate: 100000 | r pose resolution (in m):
r pose resolution (in m):
r arget width and height:
r arget width:
r arget height:
r arget height:
r arget height:
r arget height:
r arget height:
r arget width:
r arget width:
10980
 | Farget width: 10,9 By barget width: 10,0 Width: 10,000 Width: 10,000 By pixel resolution (in m): Resulting target width: | By barget width: 10,5 By barget width: 7arget hielyit: 10,1 Width: 7arget hielyit: 10,1 Width: 10,0000 10,0000 By pixel resolution (in m): Resulting target width: 10,980 | By target width and height: 10,5 By target width and height: Target height: 10,0 Width / height ratio: 10,000 By bind resolution (in m): Resulting target width: 10980 | By barget width: 10,0
By barget width and height: Target height: 1,00000
By pole resolution (in m): Resulting target width: 10980
 | By target width and height: Target width: 10,
By target width and height: Target height: 10,
Width / height rates: 1,00000 | By target width and heights Target width: 10,1 By target width and heights Target heights 10,1 By target heights 10,0 By target heights 1 | By barget width and heights Target height. 10,0000 | Target width Target width 10, By target width and heights Target heights 10, | Target width: 10,0 by larget width and height: 10,0 Width / Horpit ratio: 1,0000 | y target width and heights Target heights 10,9 | y target width and heights Target heights 10,980
 | | | | Resulting Larget neight: 1850 |
 | |
| By target width and height: Target height | Target height:
Vidth / height rate: 1.00000
Resulting target width: 10980
Resulting target height: 10980 | Ma Tanget Height 10,980
Wildt / Height ratio: 1,00000
Resulting tanget wildt: 10980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 Resulting target width: 10980 mpting method Nearest
 |) By target width and height: Target height: | Target Heght 10,980
Width / Heght ratio: 1.00000 | target width and height: 10,980 Widtr / height rates: 1.0000 pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,980 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: 1,0000 Udfty / height ratio: 1,0000 Udfty / he | By target width and height: 10,90 Width / Height ratio: 1,0000 Udth / Height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 | y target width and height: Target height: 10,000
Width / height ratio: 1,00000
/ / / / eight ratio: 1,00000
/ / / / / eight ratio: 1,00000
/ / / / / / eight ratio: 1,0000
/ / / / / / / / / / / / / / / / / /
 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 I by poter resolution (in m): Resulting target width: 10990 | target width and height: Target height: 10,90 Width / height ratio: 1.00000 pxxel resolution (in m): Resulting target width: 10980 | By target width and height: 10,00 Uddtr. / tergist height: 1,0000 Uddtr. / tergist / tergist / tergist Dypoint resolution (in m): Resulting target width: 10980 | By target width and height: 10, UBy poter resolution (in m): 10,0000 | target width and height: Target height: 10,000 Width / height ratio: 1.00000 r pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,0 Widts / height ratio: 10,0 Widts / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980
 | By target width and height: Target height: 10,1 Width / height rota: 10,0000 By target width: 10,900 By target width: 10980 | By target width and height: Target height: 10,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,1
Width / height ratio: 1.00000
By potel resolution (in m): Resulting target width: 10980 | By target width and heights Target heights 10, Width / height ratio: 10, Width / height ratio: 1,00000
 | By target width and heights Target heights 10,0 | By barget width and height: Target height: 10,1 Width / height : 10,0 |) By target width and height: Target height: 10, | By target width and heights Target heights 10,9 Width / height ratio: 10,000 | y target width and height: Target height: 10,90 | y target width and height: Target height: 10,980
 | Target width: 10,96 | | | |
 |) By reference band from source product: Resulting target width: 1830 |
| | Vidith / height ratio: 1.00000
Resulting target width: 10980
Resulting target height: 10980 | Wolfs / height ratio: 1.00000 | Widthy / height ratios: 1.00000 B p pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Reservest | Widthy / height ratios: 1.00000 B p pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Reservest | Notifier (in m): 1,00000 Second to a second |
 | Welth / Height ratio: 1.00000 | width / height ratio: 1.00000 | Width: / height / ratio: 1.00000 by pixel resolution (in m): Resulting target width: 10980 | Wolfs / height ratio: 1.00000 L 0 By pixel resolution (in m): Resulting target width: 10990 | Wildly / height ratio: 1.00000 I I by pixel resolution (in m): Resulting target width: 109800 Resulting target height: 10980 | Width / height ratio: 1.00000 // // y pixel resolution (in m): Resulting target Nidth: 10980 Resulting target height: 10980
 | Width / height ratio: 1.00000 I I I by pole resolution (in m): Resulting target width: 10980 | width / heght ratio: 1.00000 | Width / height ratio: 1.00000 I I By pixel resolution (in m): Resulting target width: 10980 | t by poter resolution (in m): 1.00000
18 y poter resolution (in m): Resulting target width: 10980 | r poter resolution (in m): 1.00000
r poter resolution (in m): Resulting target width: 1.0900 | Width: / height rabit: 1.00000 I
 | Width: / height rabox 1.00000 by pixel resolution (in m): Resulting target width: 10980 | Width / height ratio: 1.00000 I I By pixel resolution (in m): Resulting target width: 10980 10980 | Width / height ratio: 1.00000 I I By potel resolution (in m): Resulting target width: 10960 10960 | Width / height ratio: 1.00000
 | Width / height ratio: 1.00000 | Width / Height ratio: 1.00000 | | Width / height ratio: 1.00000 | |
 | | | Target width: 10,98 | Target width: 10,99 | Resulting target height: 1830
 | Die yreference band from source product: Rewiting target widh: 1830
Resulting target height: 3830 |
| Width / hey | Resulting target width: 10980
Resulting target height: 10980 | Resulting target width: 10980 |) By pixel resolution (in m):
Resulting target Height:
ampling method
Reset |) By pixel resolution (in m):
Resulting target Height:
ampling method
Reset | I By pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ingting method Nexrest
 | Width / height ratio: 1.00000 | | pixel resolution (in m): Resulting target vidth: 10980 | By pixel resolution (in m): Resulting target width: 10990 | By pixel resolution (in m): Resulting target width: 10980 | Dy pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10990 | pixel resolution (n m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10390 | By pixel resolution (in m): Resulting target width: 10980 | r poter (resolution (in m): Resulting target width: 10980
 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10990 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target vidth: 10980
 | | | | With / hight rate: 1.00000 | | Width / height ratio: 1.00000
 | | By target width and height: Target height: 10,98 | | |
 | Resulting target height: 3830
Target width: 10,98 | Day reference band frem source product: Resulting target height: 1530 Resulting target height: 1830 Target width: 10,90 |
| | Resulting target height: 10980 | Resulting target width: 10980 | By poxel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Reservest | By poxel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Reservest | By pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 impling method Nexrest
 | | | pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y poxel resolution (in m): Resulting target Hidth: 10980
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10980 | pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | | r pixel resolution (in m): Resulting target width: 10980
 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980
 | y pixel resolution (in m): Resulting target width: 10980 | | | | |
 | Width / height ratio: 1.00000 | | | |
 | Residing target width and height: 18:00 By target width and height: 10:91 Target midth: 10:91 10:91 Target midth: | Dev reference band frem source product: Resulting (arget width: 1830 Resulting target width: 1830 Target width: 1830 Dev target width: 1830 Target width: 1830 |
| | Resulting target height: 10980 | | Resulting target height: 20980
ampling method Rearest | Resulting target height: 20980
ampling method Rearest | Resulting target height: 10980
Ingling method Near est
 | | | | | | Resulting target height: 10989
 | Resulting target height: 10980 | | | | |
 | | | |
 | 3y pixel resolution (in m): Resulting target width: 10980 | | | | |
 | | | Width / Height ratio: 1.00000 | Width / Neght ratio: 1.00000 | Width / Neght ratio: 1.00000
 | Resulting target height: 1830 Target width and height: 10,95 Ø target width and height: 10,95 Welth / height ratio: 10,95 Util Welth / height ratio: 1,0000 | By reference band from source product: Resulting target width: 1830 Resulting target width: 1830 Target width: 10,98 By target width: 10,98 Width / height: 10,98 Width / height: 1,0000 |
| | | Resulting target height: 10180 | ampling method Peerrest | ampling method Peerrest | Incling method Inversest
 | | | | | |
 | | Resulting target height: 10980 | | Resulting target hight: 10980 | Resulting target height: 10980 | Resulting target height: 10980
 | Resulting target height: 10980 | Resulting target height: 10980 | |
 | | | | | |
 | | | Width / height ratio: 1.00000 | Width //height ratio: 1.00000 | Width / height ratio: 1.00000
 | Resulting target height: 1830 Target width and height: 10,98 By target width and height: Target height: Width / height rate: 1,00000 | Dity reference band from source product: Resulting target weight: 1530
Resulting target weight: 1830
Target width and height: 0.0,98
Dity target width and height: 1.00000 | | | |
| Resulting La | | | | |
 | Resulting target height: 10980 | | Resulting target height: 10980 | Resulting target negret 1080 | |
 | | | including of get including | | |
 | | | Producting to get reagins 2000 | Resulting target height: 10980
 | | | | | | y pixel resolution (in m): Resulting target width: 10980
 | y pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | 9 By pixel resolution (in m): 1.00000
B By pixel resolution (in m): Resulting target width: 10960 | 9 By pixel resolution (in m): 1.00000 By pixel resolution (in m): 10000 | 9 By pixel resolution (in m): 1.00000 By pixel resolution (in m): 100900
 | Residing Griget Neight: 1830 Target width 10,95) By Garget width and Neight: 10,95 () By paget width and Neight: 10,000 () By paget resolution (in m): Resulting target width: | By reference band frem source product: Resulting target width: 1830 Resulting target width: 1830 Target width: 1830) By target width: 1830 (Midth / height: 10,98 (Midth / height: 10,90 (Midth / height ratio: 1,0000 (Resulting target width: 1,0000 (Resulting target width: 1,0000 (Resulting target width: 1,0000 |
| ampling method Nearest | Pearest | Nearest | manufact East | | naming mathed
 | ampling method Nearest | nesinauty services tradition to the contract of the contract o | | | | ipling method Nearest | ang method Nearest
 | mpling method Nearest | as welled the second seco | | and a sector of the sector of | | |
 | | | reason of an Annual | Resulting target height: 10980 | |
 | | y pixel resolution (in m): Resulting target width: 10980 | y pixel resolution (in m): Resulting target width: 10980 | By pixel resolution (in m): Resulting target width: 10980 | 9 By pixel resolution (in m): 1.00000
B By pixel resolution (in m): Resulting target width: 10960
 | 9 By pixel resolution (in m): 1.00000 By pixel resolution (in m): 10000 | 9 By pixel resolution (in m): 1.00000 By pixel resolution (in m): 100900 | Residing Griget Neight: 1830 Target width 10,95) By Garget width and Neight: 10,95 () By paget width and Neight: 10,000 () By paget resolution (in m): Resulting target width: | By reference band frem source product: Resulting target width: 1830 Resulting target width: 1830 Target width: 1830) By target width: 1830 (Midth / height: 10,98 (Midth / height: 10,90 (Midth / height ratio: 1,0000 (Resulting target width: 1,0000 (Resulting target width: 1,0000 (Resulting target width: 1,0000 |
| insampling method Pirst | Pirst | | n bangang ing ing ing ing ing ing ing ing ing i | Insampling method First | interior graduation interior
 | | | ing method feearest | npling method Nearest | nping method Nearest |
 | amping method Pirst | | ing method | nping method Nearest | interior interior | ing method Nearest
 | Interest Interest | nping method Nearest | nping method Nearest | mpling method (Near est
 | | | Resulting target height: 10980 | Resulting target height: 10980 | Resulting target height: 10980 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 |) By pixel resolution (in m): 1.00000
By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Width / height ratio: 1.00000 Image: I | Width / height ratio: 1.00000 Image: I | Resulting target width and height: 18:30 By target width and height: 10:91 By target width and height: 10:000 Width / height ratio: 1.00000 By target width: 109900 By target width: 109900 |) By reference band from source product:
By Larget width and height:
By Larget width and height:
By Larget width and height:
By plant resolution (in m):
By plant resolution (in m):
By Start resolution (in m):
By |
| g downsampling method First | | First | a douver and the douv | | and the second se | vnsampling method First
 | Pagarest | | | | camping method First | | nsampling method First
 | | | | |
 | | | | ngling method heavest | ngling method Nearest
 | Resulting target height: 10980
reling method Reservest | Resulting larget height: 10980
Integreet | Resulting target height 10980
pling method Nearest | y pixel resolution (in m): Resulting target Hidth: 10980
Resulting target height: 10980
pling method Nearest | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
pling method Nearest
 | By pole / resolution (in m): Resulting target width: 10980
Resulting target height: 10980
Resulting target height: 10980 | b By pixel resolution (in m): 1.00000 By pixel resolution (in m): Resulting target width: 1.0980 Resulting target height: 1.0986 ampling method Result | Width / height rafilia: 1.00000 B pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Resertst | Width / height ratio: 1.00000 B p pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Resert | By barget width and height: 1800 Dig barget width and height: Target height: 1008 By pool resolution (in m): Resulting target width: 10080 By pool resolution (in m): Resulting target width: 10980 By pool resolution (in m): Resulting target width: 10980 ampling method Reserved Target width:
 | Dy reference band from source product: Resulting target width: 1509 Resulting target width: 1830 D by target width and height: 10000 D by port resolution (in m): Resulting target width: 10000 B by port resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10000 ampling method Reserved 10000 |
| | | | | y downsampling method First | downsamping method Prist
 | | Near est
First | npling method Pirst | sempling method Prist | sempling method Pirst |
 | wrsamping method Pirst | | npling method Pirst | sempling method Pirst | nsampling method First | mpling method Prist
 | sampling method Pirst | sampling method Pirst | xangling method Pirst | nsangling method Pirst
 | reling method Newrest
ampling method Pirst | reling method Nearest
sampling method Pirst | Resulting target height: 10980
nping method Nearest
sampling method Pirst | Resulting target height: 10980
wepting method Nearest
nearophing method Print | Resulting target height: 10980
ping method Nearest
ampling method Pirst | y pixel resolution (in m): Resulting target Height: 10900 Resulting target height: 10980 ging method Newrest ampling method First
 | y pixel resolution (in m): Realiting target Height: 10980
Realiting target Height: 10980
deign method Nearest | By pixel resolution (in m):
By pixel resolution (in m):
Resulting target width: 10980
Resulting target height: 10980
meding method
Newest
Test | Wolfth / height rabio: 1.00000 I 1.00000 B by pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 Resulting target height: 10980 reservet 10980 neigning method Reset reservet 10980 | World's / height ratio: 1.00000 I I B by pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Reset neargeting method First | b) by pixel resolution (in m): 1.00000 B) by pixel resolution (in m): 10000 Resulting target width: 10980 Resulting target height: 10980 Resulting target h | Residing target width and height: 1830 D by target width and height: 10,91 D by target
width and height: 10,91 Width / height ratios: 10,90 B by pixel resolution (in m): Resulting target width: 10,900 Resulting target width: 10,900 10,910 B by pixel resolution (in m): Resulting target width: 109900 Resulting target width: 109900 10,910 Ampling target width: 109900 10,910 meaning method Paterest 109900 meaning method Paterest 109800 | Dev reference band frem source product: Resulting target width: 1830 Resulting target width: 1830 Dev reference band frem source product: 1830 Dev target width: 1830 Dev target width: 1830 Dev target width: 1830 Dev target width: 10,980 Width: 10,980 B /by poor fresolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reset nearging method Prist |
| Resample on pyramid levels (for faster imaging) | First | First | | |
 | | Nearest
First
First | npling method Pirst
unsampling method Pirst | samping method Prist
downsamping method Prist | samping method Pirst
lownsamping method Pirst | lowrsampling method Pirst
 | | downsampling method First | iging method Prist
nsampling method Prist | sampling method Pirst
lownsampling method Pirst | nsampling method Pirst
downsampling method Pirst | ngling method Prist
insangling method Prist
 | sampling method Prist
Journampling method Prist | sampling method Pirst
Journampling method Pirst | sampling method Pirst
downsampling method Pirat | nsampling method Pirst
downsampling method Pirst
 | nging method Newest
sampling method Prist
Journaampling method Prist | ngling method Newest
sampling method Pirst
Journsampling method Pirst | Resulting target height: 10980 ging method Resett sampling method Pirst downsampling method First | Resulting target height: 10980 reamping method Pear est neamping method Freit downsampling method Freit | Resulting target height 1990 opping method Newrest angling method Prst ownampling method Fisit | Resulting target width: 10980 Resulting target height: 10980 sing method Nearest mining method First mining method First
 | y pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 sing method Nexrest ampling method First | by pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 replay method Reset assigning method Pixet downsampling method Pixet | Notifin / height ratio: 1.00000 By pixel resolution (in m): By pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 Resul | Width / height ratio: 1.00000 I I ID proxel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 anoting method Resett insmanpling method Resett downsampling method First | Width / height ratio: 1.00000 I I ID y pxet resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Resetter 10980 sampling method Resetter 10980 giowrampiling method Resetter 10980 fearmethod Resetter 10980 | Resulting target height: 1830 Target width and height: 10,98 By target width and
height: 10,980 Width / height ratio: 1,0000 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10980 assigning method Reseret 10980 g downame/bing method First 10980 | Dery reference band fines source products Resulting torget weißtin and heights 1830 Target weißting torget wei |
| | First | | | |
 | | | ing method Nearest | sping method Nearest | nping method Nearest |
 | anging method First | | | nping method Nearest | | ing method (Nearest
 | | rping method Nearest | nping method Nearest | npling method Prearest
 | | | Resulting target height: 10980 | Resulting target height: 10990 | Resulting target height: 10980 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Width / height ratio: 1.00000 I I By pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 | By pixel resolution (in m): 1.00000 By pixel resolution (in m): 100000 By pixel resolution (in m): 10000 By pixel resolution (in m | By pixel resolution (in m): 1.00000
By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Resulting target Height: 1330 Target width and height: 10,91 By target width and height: 10,91
Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10000 By pixel resolution (in m): Resulting target width: 10980 | By reference band from source product: Resulting toport Heght: 10.00 By target width and height: 13.00 10.01 By target width: 10.01 10.01 Widty / height resolution (in m): 10.000 10.000 By bord resolution (in m): Resulting target height: 1.0000 Resulting target height: 10980 |
| | | Nearest | | |
 | | | | | | iping method Nearest
 | | mping method Nearest | | | |
 | | | |
 | | | Resulting target height: 10980 | Resulting target height: 10980 | Resulting target height: 10980 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Widthy / height ratio: 1.00000 Image: Comparison of the million o | Width / height ratio: 1.00000 Image: Image: Width / height ratio: 1.00000 By pixel resolution (in m): Resulting target width: 10980 Resulting target heights: 10980 | Weldts / height railio: 1.00000 I I By pixel resolution (in m): Resulting target width: 10990 Resulting target heights: 10980 | Residing target width and height: 1830 Target width: 10,90 18 y target width and height:
10,90 Width / height ratio: 1,0000 18 y bxel resolution (in m): Resulting target width: 10990 Resulting target width: 10990 |) By reference band from source product:
Resulting Unger Height:
By target width and height:
By posel resolution (in m):
Resulting target height:
By posel resolution (in m):
Resulting target height:
By posel resolution (in m):
Resulting target height:
By posel resolution (in m):
By posel resolut |
| nsampling method First | Pirst | | interior gine interior | nsampling method First | interior graduation interior
 | | | ing method Reservest | npling method Nearest | nping method Nearest |
 | ampling method Pirst | | ind mental finder and the second s | nping method Nearest | read in the set | ing method Nearest
 | iping method (New est | rping method Nearest | mping method Nearest | ingling method Rearest |
 | | Resulting target height: 10980 | Resulting target height: 10980 | Resulting target height: 10980 | y pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980
 | y pixel resolution (in m): Resulting target width: 10990
Resulting target height: 10980 | By pixel resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Width / height ratio: 1.00000 Image: Comparison of the mole: Image: Comparison of the mole: By pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 | Width / height ratio: 1.00000 I Image: Comparison of the compar | Width / height ratio: 1.00000 I by pixel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 | Resulting target width and height: 1830 18 y target width and height: 10,91 18 y target width and height: 1,0000 18 y target resolution (in m): 1,0000 18 y target resolution (in m): Resulting target width: 10990 Resulting target width: 10990
 | By reference band from source product: Resulting target width: 1500 Resulting target width: 1300 Target target: 10,91 By target width and height: 10,900 Width / height rates: 10,000 Width / height rates: 10,000 By poxel resolution (in m): Resulting target height: 10900 Resulting target width: 10900 Resulting target height: 10900 |
 | | fiveariest | | | |
 | | | | | |
 | | | |
 | ngling method heavest | ngling method Nearest | Resulting target height: 10980
reling method Reservest | Resulting target height: 10980
Invarient | Resulting target height 10980
pling method Nearest | y pixel resolution (in m): Resulting target Hidth: 10980
Resulting target height: 10980
pling method Nearest
 | Resulting target width: 10990 Resulting target height: 10980 planethod Nearest | By pole / resolution (in m): Resulting target width: 10980
Resulting target height: 10980
Resulting target height: 10980 | Width / height ratio: 1.00000 I I By pixel resolution (in m): Resulting target Height: 10980 Resulting target height: 10980 mpling method Reservet | New Fish Constraints 1,00000 | Notifier (in m): 1,00000 Second to a second | Resulting target width and height: 1830 Target width: 160,98 Target width: 10,98 Vidth: / height result 18y govel resolution (in m): Resulting target
width: 10980 Resulting target width: 10980 meding method Reset | By reference band from source product: Resulting target width: 100 Resulting target width: 18,00 By target width and height: 18,00 By porel resolution (in m): Resulting target width: 10000 By porel resolution (in m): Resulting target width: 10900 enging method Resulting target width: 10900 |
| downsampling method First | | First | duranteeles mathed | |
 | | fiveariest | | | | sampling method Pirst
 | | nsangling method First | | | |
 | | | |
 | ngling method heavest | ngling method Nearest | Resulting target height: 10980
reling method Reservest | Resulting larget height: 10980
Integreet | Resulting target height 10980
pling method Nearest | y pixel resolution (in m): Resulting target Hidth: 10980
Resulting target height: 10980
pling method Nearest
 | Resulting target width: 10990 Resulting target height: 10980 planethod Nearest | By pole / resolution (in m): Resulting target width: 10980
Resulting target height: 10980
Resulting target height: 10980 | Width / height ratio: 1.00000 | Notify / height ratio: 1.00000 | Negligi poxel resolution (in m): 1.00000
By poxel resolution (in m): Resulting target width: 10990
Resulting target height: 10980
Areaning method Neurest
 | Residing target width and height: 18/3 18 y target width and height: Target width: 10/3 18 y target width: 10/3 10/3 19 y target width: 10/3 10/3 19 y target width: 10/30 10/3 10 y target wi |) By reference band from source product:
Resulting target height:
38 y target width and height:
18 y porel resolution (in m):
18 y porel resolution (in |
| downsampling method First | | First | descention method East | |
 | insampling method First | Nearest | | | | sampling method Pirst
 | | nsangling method First | | | |
 | | | |
 | ngling method heavest | ngling method Nearest | Resulting target height: 10980
reling method Reservest | Resulting larget height: 10980
Integreet | Resulting target height 10980
pling method Nearest | y pixel resolution (in m): Resulting target Hidth: 10980
Resulting target height: 10980
pling method Nearest
 | Resultion (in m): Resulting target hiddh: 10980 Resulting target hidght: 10980 plag method Nearest | By pole / resolution (in m): Resulting target width: 10980
Resulting target height: 10980
Resulting target height: 10980 | b By pixel resolution (in m): 1.00000 By pixel resolution (in m): Resulting target width: 1.0980 Resulting target height: 1.0986 ampling method Result | Width / height rafilia: 1.00000 B pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Resertst | Width / height ratio: 1.00000 B pixel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 ampling method Nearest
 | Residing target width and height: 1800 Target width 100 Target width 100 Target width 1000 Width / height rate: 1000 Width / height rate: 10000 By giver resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 10000 | By reference band frem source product: Resulting larget width: 1500 Resulting larget meght: 1830 Target meght: 1830 By target width and height: 10000 Width / height ratio: 1.0000 Width / height ratio: 10900 Resulting target width: 10900 Resulting target width: 10900 ampting method Reserver |
| By target width and height: Target height | Target height:
Vidth / height rate: 1.00000
Resulting target width: 10980
Resulting target height: 10980 | Ma Target height: 10,98
Wildts / height ratio: 1.00000
Resulting target width: 10990 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 Resulting target width: 10980 mpting method Nearest
 | By target width and height: Target height: | Target height: 10,98
Widtry / Height ratio: 1.00000 | target width and height: Target height: 10,98
Width / height rates: 1.00000
poter (resolution (in m): Resulting target width: 10980 | By target width and height: 1.0000 Udity / height ratio: 1.00000 Udit | By target width and height: 1,0000 Udfty / height ratio: 1,0000 Udfty / he | By target width and height: 10,90 Width / Height ratio: 1,0000 Udth / Height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 | y target width and height: Target height: 10,000
Width / height ratio: 1,00000
/ / / / eight ratio: 1,00000
/ / / / / eight ratio: 1,00000
/ / / / / / eight ratio: 10980
Resulting target height: 10980 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 I by pole resolution (in m): Resulting target width: 10990 | target width and height: Target height: 10,90 Width / height ratio: 1,00000 pxxel resolution (n m): Resulting target width: 10980
 | By target width and height: 10,00 Uddtr. / tergist height: 1,0000 Uddtr. / tergist / tergist / tergist Dypoint resolution (in m): Resulting target width: 10980 | By target width and height: 10, UBy poter resolution (in m): 10,0000 | target width and height: Target height: 10,000 Width / height ratio: 1.00000 r pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,0 Widts / height ratio: 10,0 Widts / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,1 Width / height rota: 10,0000 By target width: 10,900 By target
width: 10980 | By target width and height: Target height: 10,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,1
Width / height ratio: 1.00000
By potel resolution (in m): Resulting target width: 10980 | By target width and heights Target heights 10, Width / height ratio: 10, Width / height ratio: 1,00000 | By target width and heights Target heights 10,0
 | By barget width and height: Target height: 10,1 Width / height : 10,0 |) By target width and height: Target height: 10, | By target width and heights Target heights 10,9 Width / height ratio: 10,000 | y target width and height: Target height: 10,90 | y target width and height: Target height: 10,98 |
 | Target width: 10.5 | Taroet width: 10.90 | Target width: 10.90 | | Dry reference band from source product: Resulting target width: 1830
 |
| By target width and height: Target height | Target height:
Vidth / height rate: 1.00000
Resulting target width: 10980
Resulting target height: 10980 | Ma Target height: 10,980
Wilds / height refai: 1,00000
Resulting target width: 10980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 Resulting target width: 10980 mpting method Nearest
 | By target width and height: Target height: | Target heght: 10,000 Weldt / height ratio: 1.00000 | target width and height: 1,0,980 Width / height rates: 1,00000 poter resolution (in m): Resulting target width: 10980 | By target width and height: 1,0,980 Width / Horpitri ratios: 1,00000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: 1,0000 Udity / height ratio: 1,0000 Udity / he | By target width and height: 10,90 Width / Height ratio: 1,0000 Udth / Height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 | y target width and height: Target height: 10,000
Width / height ratio: 1,00000
/ / / / eight ratio: 1,00000
/ / / / / eight ratio: 1,00000
/ / / / / / eight ratio: 10980
Resulting target height: 10980
 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 I by pole resolution (in m): Resulting target width: 10990 | target width and height: Target height: 10,90 Width / height ratio: 1,00000 pxxel resolution (n m): Resulting target width: 10980 | By target width and height: 10,00 Uddtr. / tergist height: 1,0000 Uddtr. / tergist / tergist / tergist Dypoint resolution (in m): Resulting target width: 10980 | By target width and height: 10, UBy poter resolution (in m): 10,0000 | target width and height: Target height: 10,000 Width / height ratio: 1.00000 r pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,0 Widts / height ratio: 10,0 Widts / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980
 | By target width and height: Target height: 10,1 Width / height rota: 10,0000 By target width: 10,900 By target width: 10980 | By target width and height: Target height: 10,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,1
Width / height ratio: 1.00000
By potel resolution (in m): Resulting target width: 10980 | By target width and heights Target heights 10, Width / height ratio: 10, Width / height ratio: 1,00000
 | By target width and heights Target heights 10,0 | By barget width and height: Target height: 10,1 Width / height : 10,0 |) By target width and height: Target height: 10, | By target width and heights Target heights 10,9 Width / height ratio: 10,000 | y target width and height: Target height: 10,90 | y target width and height: Target height: 10,980
 | Target width: 10,96 | | | |
 | Dry reference band from source product: Resulting target width: 1830 |
| By target width and height: Target height | Target height:
Vidth / height rate: 1.00000
Resulting target width: 10980
Resulting target height: 10980 | Ma Target height: 10,98
Wildtr / height refai: 1.00000
Resulting target width: 10980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: 10,90 Width? / height ratio: 1,0000 B) By pixel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 ampling method Reserved 20980 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 Resulting target width: 10980 mpting method Nearest
 | By target width and height: Target height: | Target height: 10,000
Widtry / height ratio: 1.00000 | target width and height: Target height: 10,98
Width / height rates: 1.00000
poter (resolution (in m): Resulting target width: 10990 | By target width and height: 1,0,98 Welth / Height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: 1,0000 Udity / height ratio: 1,0000 Udity / he | By target width and height: 10,90 Width / Height ratio: 1,0000 Udth / Height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10990 Resulting target height: 10980 | y target width and height: Target height: 10,000
Width / height ratio: 1,00000
/ / / / eight ratio: 1,00000
/ / / / / eight ratio: 1,00000
/ / / / / / eight ratio: 1,0000
/ / / / / / / / / / / / / / / / / /
 | By target width and height: Target height: 10,000 Width / height ratio: 1,0000 I by pole resolution (in m): Resulting target width: 10990 | target width and height: Target height: 10,90 Width / height ratio: 1,00000 pxxel resolution (n m): Resulting target width: 10980 | By target width and height: 10,00 Uddtr. / tergist height: 1,0000 Uddtr. / tergist / tergist / tergist Dypoint resolution (in m): Resulting target width: 10980 | By target width and height: 10, UBy poter resolution (in m): 10,0000 | target width and height: Target height: 10,000 Width / height ratio: 1.00000 r pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,0 Widts / height ratio: 10,0 Widts / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980
 | By target width and height: Target height: 10,1 Width / height rota: 10,0000 By target width: 10,900 By target width: 10980 | By target width and height: Target height: 10,0000 By pixel resolution (in m): Resulting target width: 10980 | By target width and height: Target height: 10,1
Width / height ratio: 1.00000
By potel resolution (in m): Resulting target width: 10980 | By target width and heights Target heights 10, Width / height ratio: 10, Width / height ratio: 1,00000
 | By target width and heights Target heights 10,0 | By barget width and height: Target height: 10,1 Width / height : 10,0 |) By target width and height: Target height: 10, | By target width and heights Target heights 10,9 Width / height ratio: 10,000 | y target width and height: Target height: 10,90 | y target width and height: Target height: 10,98
 | Target width: 10,90 | | | | By reference band from source product: Resulting target width: 1830
 | |
| By target width and height: Target heig | Target Hillin:
Target Hillin:
Vidth / Height:
Executive force width:
Resulting force width:
Resulting force Height:
10980 | Target width: 10,99 Hz Target height: 10,99 Widt/ / height ratio: 1,00000 Resulting target width: 10980 | By target width: Target width: 10,98 By target width: Target height: 10,98 Width: /height rates: 10,000 Width: /height rates: 10,000 By pixel resolution (in m): Resulting target width: 10,980 Resulting target width: 10980 Resulting target width: 10980 ampting method Reserved | By target width: Target width: 10,98 By target width: Target height: 10,98 Width: /height rates: 10,000 Width: /height rates: 10,000 By pixel resolution (in m): Resulting target width: 10,980 Resulting target width: 10980 Resulting target width: 10980 ampting method Reserved | IBy barget width and height: 10,990 IBy pole resolution (in m): Target height: 1,0000 Resulting target width: 10900 Resulting target width: 10900 Resulting target width: 10900 mpting method Nearest
 | D By larget width and heights Target heights | Target width: 10,99
Target heght: 15,99
Width / heght ratio: 1.00000 | Target width and heights Target heights 10,99 target width and heights Target heights 10,99 Width / height ratios: 1,0000 10,990 potel resolution (in m): Resulting target width: 10990 | By target width and height: 10,99 By target width: Target height: By target width: 1,0000 Width / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980 | By barget width and height: 10,90 By barget width: Target height: 10,90 Width / height ratio: 1,00000 By pixel resolution (in m): Resulting target width: 10980 | By barget width and height: Target width: 10,98 By barget width: Target width: 10,98 Width: / height: 1,0000 Width: / height: 1,0000 By potel resolution (in m): Resulting target width:
 10980 Resulting target height: 10980 | y barget width and height: 10,98
y barget width and height: 10,98
width / height rate: 1,0000
y post resolution (in m): Resulting target width: 10980
Resulting target height: 10980 | Target width: 10,91 By target width: Target height: 10,91 Width / height ratio: 1,0000 JBy bole resolution (in m): Resulting target width: 10990 | Target width: 10,95 target width and height: Target height: 10,92 Width / height ratio: 10,000 pixel resolution (in m): Resulting target width: 10980 | Target width: 10,91 By target width: Target height: 10,91 Widtr / height ratio: 10,000 Widtr / height ratio: 1,0000 By pixel resolution (in m): Resulting target width: 10900 | By target width and height: Target height: 10; By target width and height: Target height: 10; Width / height rate: 10; JBy boar lesolution (in m): Resulting target width: 10980 | r pose resolution (in m):
r pose resolution (in m):
r arget width and height:
r arget width:
r arget height:
r arget height:
r arget height:
r arget height:
r arget height:
r arget width:
r arget width:
10980
 | Farget width: 10,9 By barget width: 10,0 Width: 10,000 Width: 10,000 By pixel resolution (in m): Resulting target width: | By barget width: 10,5 By barget width: 7arget hielyit: 10,1 Width: 7arget hielyit: 10,1 Width: 10,0000 10,0000 By pixel resolution (in m): Resulting target width: 10,980 | By target width and height: 10,5 By target width and height: Target height: 10,0 Width / height ratio: 10,000 By bind resolution (in m): Resulting target width: 10980 | By barget width: 10,0
By barget width and height: Target height: 1,00000
By pole resolution (in m): Resulting target width: 10980
 | By target width and height: Target width: 10,
By target width and height: Target height: 10,
Width / height rates: 1,00000 | By target width and heights Target width: 10,1 By target width and heights Target heights 10,1 By target heights 10,0 By target heights 1 | By barget width and heights Target height. 10,0000 | Target width Target width 10, By target width and heights Target heights 10, | Target width: 10,0 by larget width and height: 10,0 Width / Horpit ratio: 1,0000 | y target width and heights Target heights 10,9 | y target width: 10,99
y target width and height: Target height: 10,99
 | | | | Resulting Larget neight: 1850 |
 | |
| Residing to
Target width and heights Target heigh | Resulting target height: 1830 Target width: Vidth:/height:afair: Resulting target width: 10980 Resulting target height: 10980 | Resulting target width: 1830 Target width: 10,90 Mail Target height: Width / height rates: 1,00000 Kasulting target width: 1,00000 | Residing target width and height: 1830 Disy target width and height: Target width: 10,98 Target width: Target height: 10,98 Width://height rate: 1,000 10,98 Up post resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10980 ampling method Reserved 10980 | Residing target width and height: 1830 Disy target width and height: Target width: 10,98 Target width: Target height: 10,98 Width://height rate: 1,000 10,98 Up post resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10980 ampling method Reserved 10980 | Resulting target width: 180 Target width: 100 18y barget width: 1.0000 Width: / height: 1.0000 18y powel resolution (in m): Resulting target width: 10980 Resulting target width: 10980 10000 meding method Nearest 10000
 | Resulting toget height: 1330 Target width and height: Target height: | Resulting target height: 1830
Target width: 10,99
Target height: 10,99
Width / height ratio: 1.00000 | Resulting target height: 1830 Target height: 18,00 target width and height: 10,00 Vidth' / height rable: 10,000 poter (resolution (in m): Resulting target width: 10,000 | Resulting target Height: 13:30 Target Width: 10:00 By target width: 10:00 Width: /tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.tercify.terci | Resulting target height: 1830 Target width: 10,09 By target width: 10,000 Wilth: / height ratio: 1,0000 Wilth: / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 100000 | Resulting Usper Height: 1830 Target: width: 10,95 By target width and height: 10,95 Width / height ratio: 1,0000 U 10,95 By pixel resolution (in m): Resulting target width: 10980
 Resulting target height: 10980 | Kenulting target width: 1830 Target width: 10,95 y target width: 10,95 Width and height: 10,90 Width / height ratio: 1,0000 y parel resolution (in m): Resulting target width: 10980 Resulting target height: 10980 | Residing target width: 1830 Target width: 18,0 18y target width: 10,9 18y poorl resolution (in m): Resulting target width: 1,0000 | Resulting target height: 1830 Target height: 10,95 target width and height: Target height Vidth / height relia 10,95 Width / height relia 10,95 pixel relia 10,95 Width / height relia 10,000 pixel resolution (in m): Resulting target width: 10980 | Resulting target height: 1830 Target width: 10,91 By target width: 10,91 Width: / height ratio: 1,0000 Uttim: / height ratio: 1,0000 By pool resolution (in m): Resulting target width: 109900 | Resulting torget Height: 1330 Target width: 100 18 y target width: 100 Width: / Height rates: 1.00000 Ib y pore resolution (in m): Resulting target width: 10900 | Resulting target width: 1830 Target width: 10,9 rarget width: 10,9 / target width: 10,000 / target width: 10,000 / target width: 1,0000 / target width: 1,0000
 | Resulting target width: 130 Target width: 10,9 By target width: 10,9 Width / height: 10,9 Width / height: 10,000 By target width: 10,000 By target width: 1,0000 By target width: 1,0000 By target width: 1,0000 | Resulting target width: 1330 Target width: 10,5 By target width: 10,5 Width / height: 10,5 Width / height: 10,0000 By target width: 10,0000 By target width: 10,0000 By target width: 10,0000 | Residing target width and height: 1830 By target width and height: 10,5 By target width and height: 10,000 By pool resolution (in m): Resulting target width: | Resulting target width and height: 1830 By target width and height: 100/ By poor (resolution (in m): Target width: 10000 By poor (resolution (in m): Resulting target width: 10000
 | Resulting target height: 1830 Target width and height: 10,0000 By target width and height: 1,00000 | Resulting Groppet Height: 1830 Target width and height: 10,5 Sy target width and height: Target Height: 10,1 Width: /height: 10,0000 | Resulting target Height: 1830 Target width and height: 10,5 By target width and height: 10,1 Width /height: 10,000 | Resulting target height: 1830 Target width: Target width: 100)By target width: Target width: 100 | Resulting target Height 1830 Target width and height: 10,9 Sy target width and height: Target height: Width / height: 10,000 | Resulting typet Height: 1830 Target width and height: 10,91 y target width and height: 10,91
 | Resulting Groet Height: 1830 Target width and height: Target width: V Larget width and height: Target height: | Resulting target height: 1830 | Resulting target height: 3830 | Resulting target height: 1830 |
 | | |

Resample: Select the third option 'By pixel resolution (in m)' and specify 10.





Subset: From the Source Bands select B2, B3, B4, B8, B11 and B12. To crop spatially select 'Geographic Coordinates' option and copy and paste the polygon on the 'Waterskloof Dam Polygon.txt' file and click on 'update'.

Graph Builder : myGraph.xml	×
File Graphs	
Read Resample Subset Write	
<	× >
Read Resample Subset Write	
Target Product Name:	
Subset_2017	
Save as: BEAM-DIMAP Directory: C:\Users\Fabrizio Ramoino\Desktop\S2_Activities\Dr4-LTC2019	
Load 🔄 Save 🏷 Clear 📝 Note 🕢 Help 🕞 Run	

Write: Rename the output to 'Subset_2017'

4.8. Click 'OK'

4.9. Repeat the process for the second product [2] changing the output name 'Subset_2018'



5. Open the newly created product

- 5.1. Close all viewers
- 5.2. Select image name in "Product Explorer" window
- 5.3. Select: 'Window' / 'Open RGB Image Window'
- 5.3.1. Leave default natural colour combination and click 'OK'
- 5.4. Select: 'Window' / 'Tile Horizontally' and compare the images
- 5.5. Synchronise views by selecting the relevant icons in the "Navigation" tab

6. NDWI-2 (Second Normalized Difference Water Index)

The second Normalized Difference Water Index algorithm was developed by McFeeters (1996) to detect surface waters in wetland environments and to allow for the measurement of surface water extent. The equation is similar to NDVI, except that it uses Green (B3) and the Near InfraRed (NIR) wavelengths.

$$NDWI2 = \frac{(Green - NIR)}{(Green + NIR)} = \frac{(B3 - B8)}{(B3 + B8)}$$

The NDWI-2 makes use of reflected near-infrared radiation and visible green light to enhance the presence of such features while eliminating the presence of soil and terrestrial vegetation features. A high NDWI-2 value generally indicates presence of water. The water curve is characterised by a high absorption at near infrared wavelengths range and beyond. Because of this absorption property, water bodies as well as features containing water can easily be detected, located and delineated with remote sensing data.

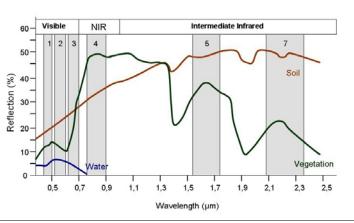


Image Source: Siegmund, Menz 2005 with modifications

6.1. <u>Create New NDWI2 Band</u> (based on band maths expression)

- 6.1.1. Select: 'Raster' / 'Band Maths...'
- 6.1.2. Set up the I/O and the processing parameters as shown in the Figure below
- 6.1.3. Change the output name in 'NDWI2_2017'
- 6.1.4. Deselect "Virtual"
- 6.1.5. Select "Edit Expression ... "
- 6.1.6. Type the following expression in the 'Expression' field: "(\$3.B3 \$3.B8) / (\$3.B3 + \$3.B8) 6.1.6.1. The symbol '\$' is the link to the product as displayed in the Product Explorer Window.



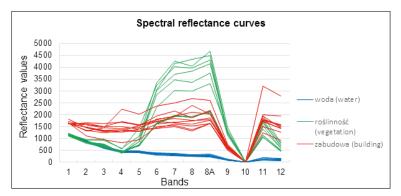
Band Maths X	Band Maths Expression Editor X
Target product: [3] Subset_2017 V	Product: [3] Subset_2017 v
Name: NDW12_2017 Description:	\$3.B2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Load Save Edit Expression QK Cancel Help	Show bands Punctions Show masks Functions Show single flags Image: Construction State Stat

6.1.7. Click 'OK'

6.1.8. Repeat the process for the second product [4] changing the output name 'NDWI2_2018'

7. SWM (Sentinel Water Mask)

The Sentinel Water Mask algorithm was presented by Marta Milczarek during ESA Land Training Corse 2017 winning the best poster award in the category "Optical Remote Sensing". SWM provides quick and effective detection of water.



After analysis of spectral reflectance curves for water and other types of land cover (Figure above), two bands with the highest reflectance for water (Blue and Green) and two with the lowest one (NIR and SWIR) were selected and new index formula was developed:

$$SWM = \frac{(Blue + Green)}{(NIR + SWIR)} = \frac{(B2 + B3)}{(B8 + B11)}$$

7.1. Create New SWM Band (based on band maths expression)

- 7.1.1. Select: 'Raster' / 'Band Maths...'
- 7.1.2. Set up the I/O and the processing parameters as shown in the Figure below
- 7.1.3. Change the output name in 'SWM_2017'
- 7.1.4. Deselect "Virtual"
- 7.1.5. Select "Edit Expression..."
- 7.1.6. Type the following expression in the 'Expression' field: "(\$3.B2 + \$3.B3) / (\$3.B8 + \$3.B11) 7.1.6.1. The symbol '\$' is the link to the product as displayed in the Product Explorer Window.



🛃 Band Maths X			SNRF	Band Maths Expression Editor					×		
Target product: [3] Subset_2017 V				Product: [3] Subset_2017 Data sources: Expression:					~		
Name: Description: Unit: Spectral wavelength Virtual (save exp Replace NaN and Generate associ	d infinity results by	NaN	\$: \$: \$: \$: \$:	33.B2 33.B3 33.B4 33.B4 33.B4 33.B1 33.B1 33.B12 33.NDWI2_2017	@ + @ @ - @ @ * @ @ / @ (@) Constants			\$3.B3)	/ (\$3.]	B8 + \$3.Bl	1)
Band maths expressi	ave	Edit Expression		Show bands Show masks Show tie-point grids Show single flags		× ×	•	9 B	<u>o</u> k	C Cancel)k, no errors. Help

7.1.7. Click 'OK'

7.1.8. Repeat the process for the second product [4] changing the output name 'SWM_2018' 7.1.8.1. The symbol '\$' is the link to the product as displayed in the Product Explorer Window.

8. Create Water band based on NDWI2 and SWM

- 8.1. Close all viewers
- 8.2. Select product in "Product Explorer" window
- 8.3. Select: 'Raster' / 'Band Maths...'
- 8.4. Set up the I/O and the processing parameters as shown in the Figure below
- 8.5. Change the output name in 'WaterMask_2017'
- 8.6. Deselect "Virtual"
- 8.7. Select "Edit Expression ... "
- 8.8. Type the following expression: "if ((\$3.NDWI2_2017 > 0.3) or (\$3.SWM_2017 > 1.0)) then 1 else 0"

🛃 Band Maths		\times	Band Maths Expres	sion Editor	×	<
Target product: [3] Subset_2017		~	Product: [3] Subset_201 Data sources:		Expression:	
Name: Description:	WaterMask_2017		\$3.B2 \$3.B3	0 + 0	if ((\$3.NDW12_2017 > 0.3) or (\$3.SWM_2017 > 1.0)) then 1 else 0	
Unit: Spectral wavelength:	0.0		\$3.B4 \$3.B8	0 - 0		
Virtual (save expression only, don't store data)			\$3.B11 \$3.B12	@ / @ (@)		
Replace NaN and infinity results by NaN Generate associated uncertainty band			\$3.NDWI2_2017 \$3.SWM 2017	Constants V		
Band maths expressi	on:		Show bands	Operators V Functions V		
Load S	Edit Expression		Show tie-point grids Show single flags		📑 📋 🔉 🔟 🖉	.
	QK Cancel He	D			QK <u>Cancel H</u> elp	

8.9. Click 'OK'

8.10. Repeat the process for the second product [4] changing the output name 'WaterMask_2018' 8.10.1. The symbol '\$' is the link to the product as displayed in the Product Explorer Window.

9. Water Change detection

- 9.1. Close all viewers
- 9.2. Select product in "Product Explorer" window
- 9.3. Select: 'Raster' / 'Band Maths...'
- 9.4. Set up the I/O and the processing parameters as shown in the Figure below
- 9.5. Change the output name in 'WaterChange'
- 9.6. Deselect "Virtual"
- 9.7. Select "Edit Expression..."
- 9.8. Type the following expression: "\$3.WaterMask_2017 \$4.WaterMask_2018"



Band Maths	×	Band Maths Expression	n Editor X
Replace NaN and	ression only, don't store data) i infinity results by NeN ated uncertainty band	Product: [4] Subset_2018 Data sources: 4. B3 4. B4 4. B0 4. B1 4. B1 4. B1 4. B1 4. NDW12_2018 4. NIM12_2018 4. WM1_2018 4. WM1_2018 V Show bands Show masks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Load S	Edit Expression	Show tie-point grids	Ok, no errors.

9.9. Click 'OK'

9.10. Open the newly generated product

9.11. Select: "Colour Manipulation" tab

9.12. [-1.0: Blue]; [0.0: White]; [1.0: Red]

The red pixels indicate water decreasing, the white ones represent no change in water level and the blue pixels are associated to an increasing of the water.

