NEAR-GOOS RRTDB
data acquisition tutorial

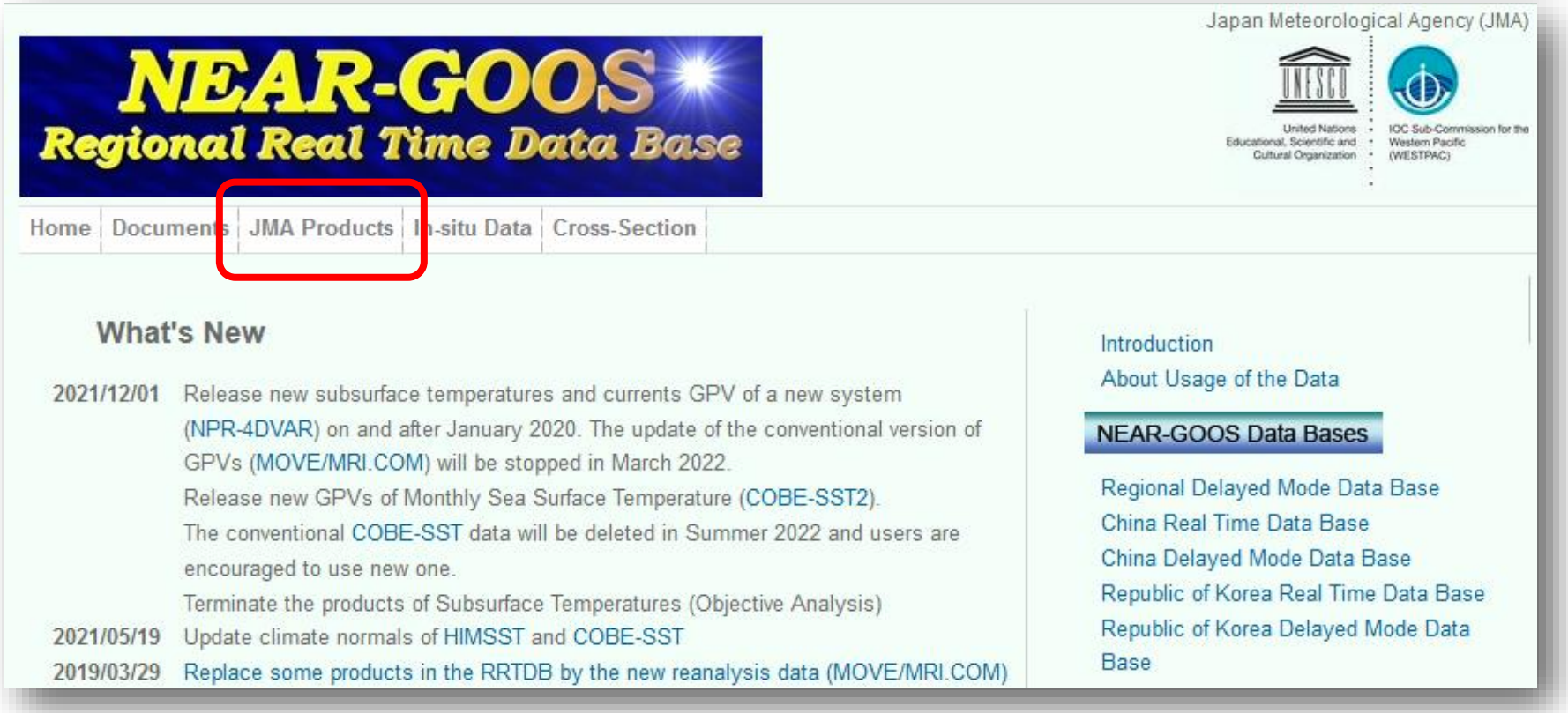
1. Web data acquisition

Note:

Only the latest data are provided on the website. For historical data, see try *2. Command line data acquisition* below.

1-1 Grid Point Value (GPV) data

1. Access the NEAR-GOOS RRTDB website at https://www.data.jma.go.jp/goos/data/database.html.
2. Select *JMA Product*.

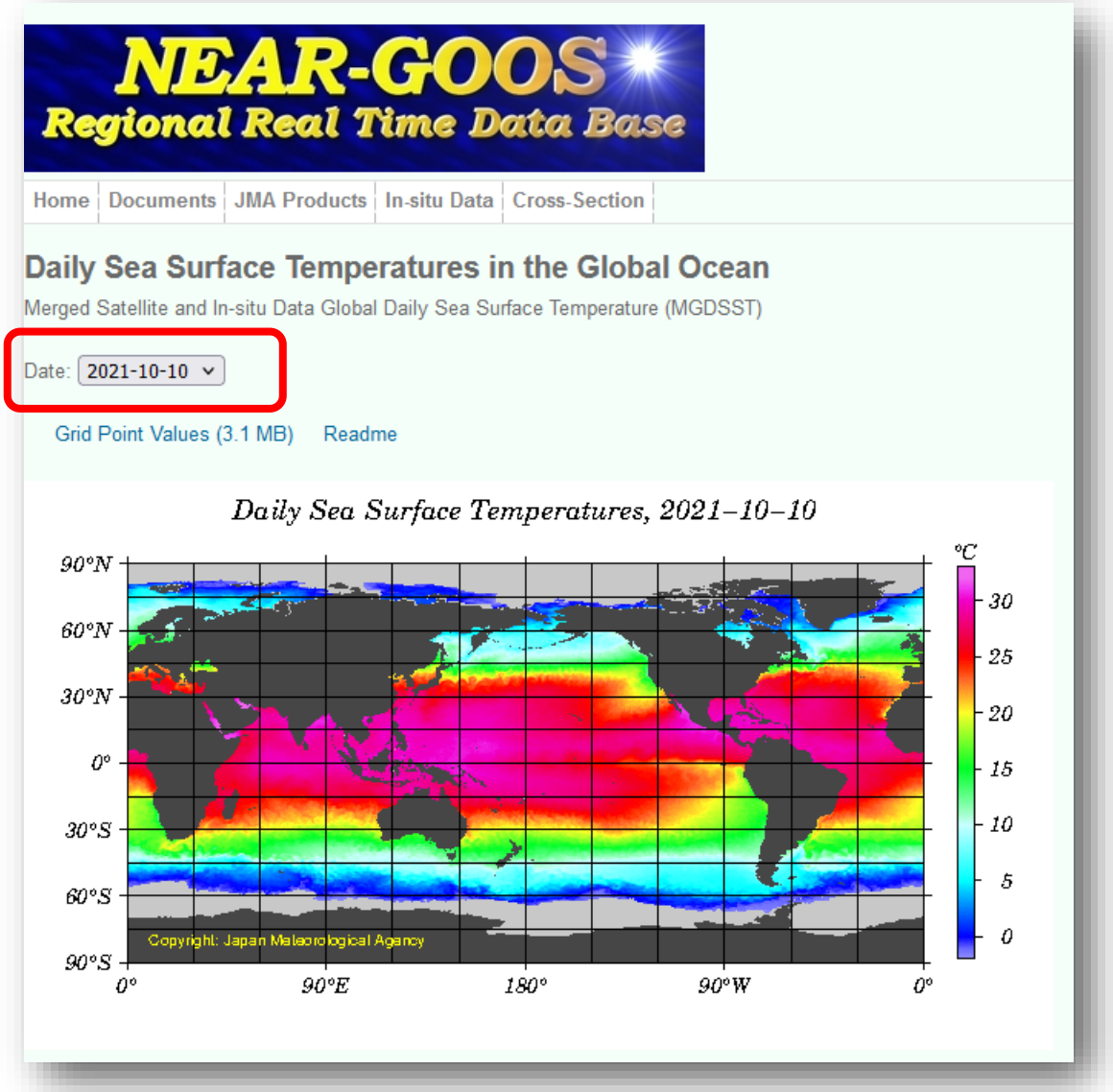


1-1 Grid Point Value (GPV) data

3. Click on the desired the product.

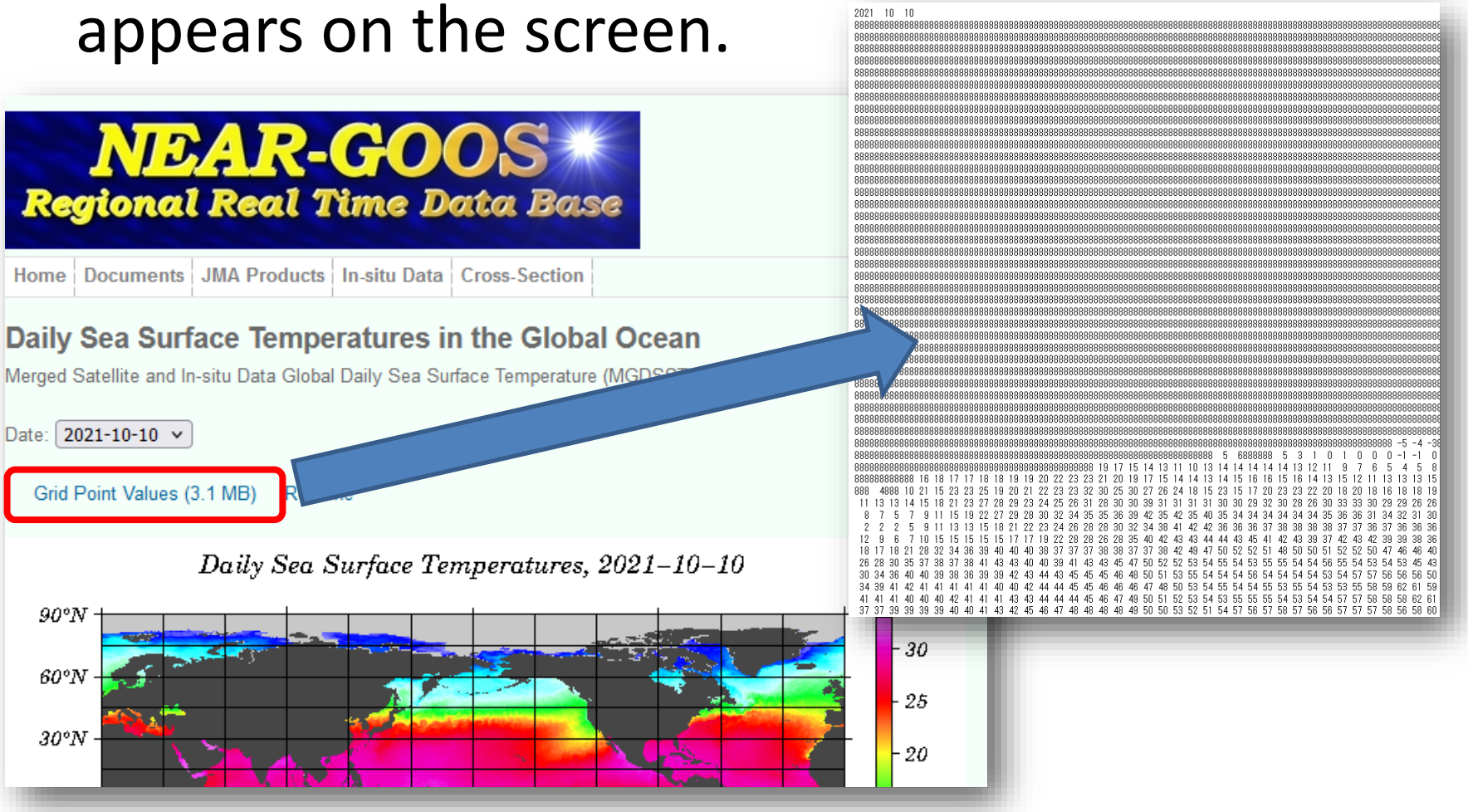
1-1 Grid Point Value (GPV) data

4. Select the dates for the target data.



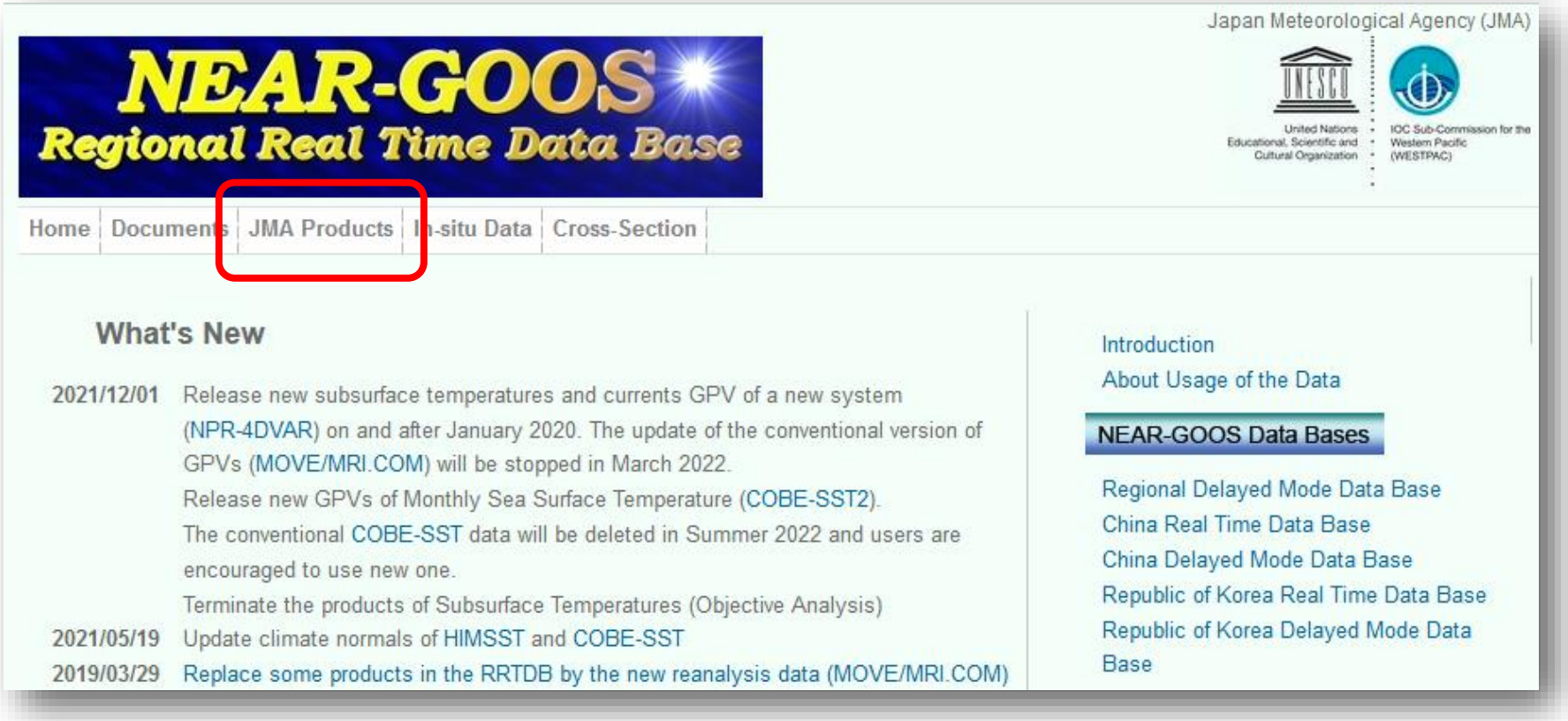
1-1 Grid Point Value (GPV) data

5. Right-click on *Grid Point Values* and save the file, or click and copy the data that appears on the screen.



1-2 Imagery data

1. Access the NEAR-GOOS RRTDB website at https://www.data.jma.go.jp/goos/data/database.html.
2. Select *JMA Product*.

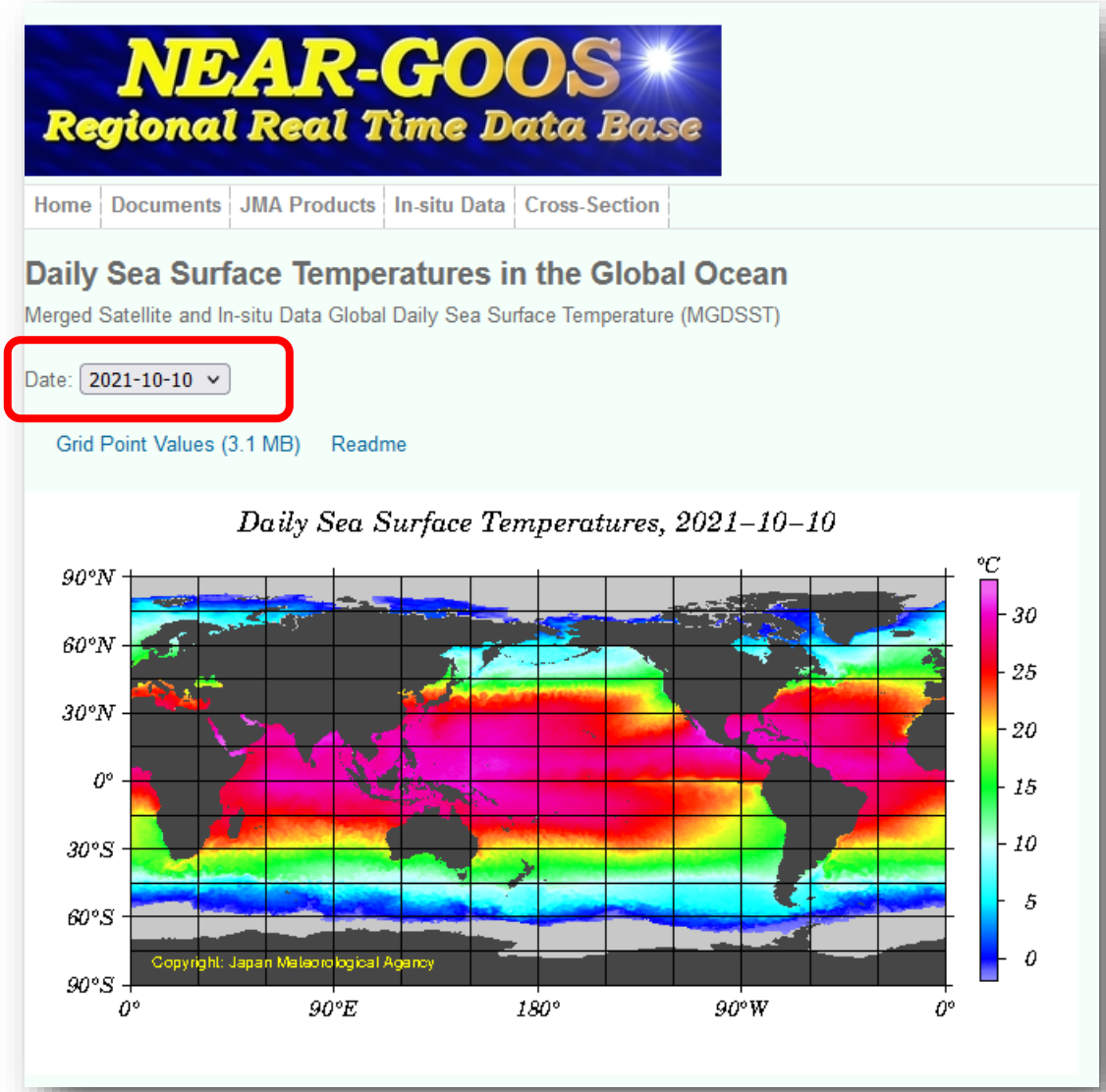


1-2 Imagery data

3. Click on the desired product.

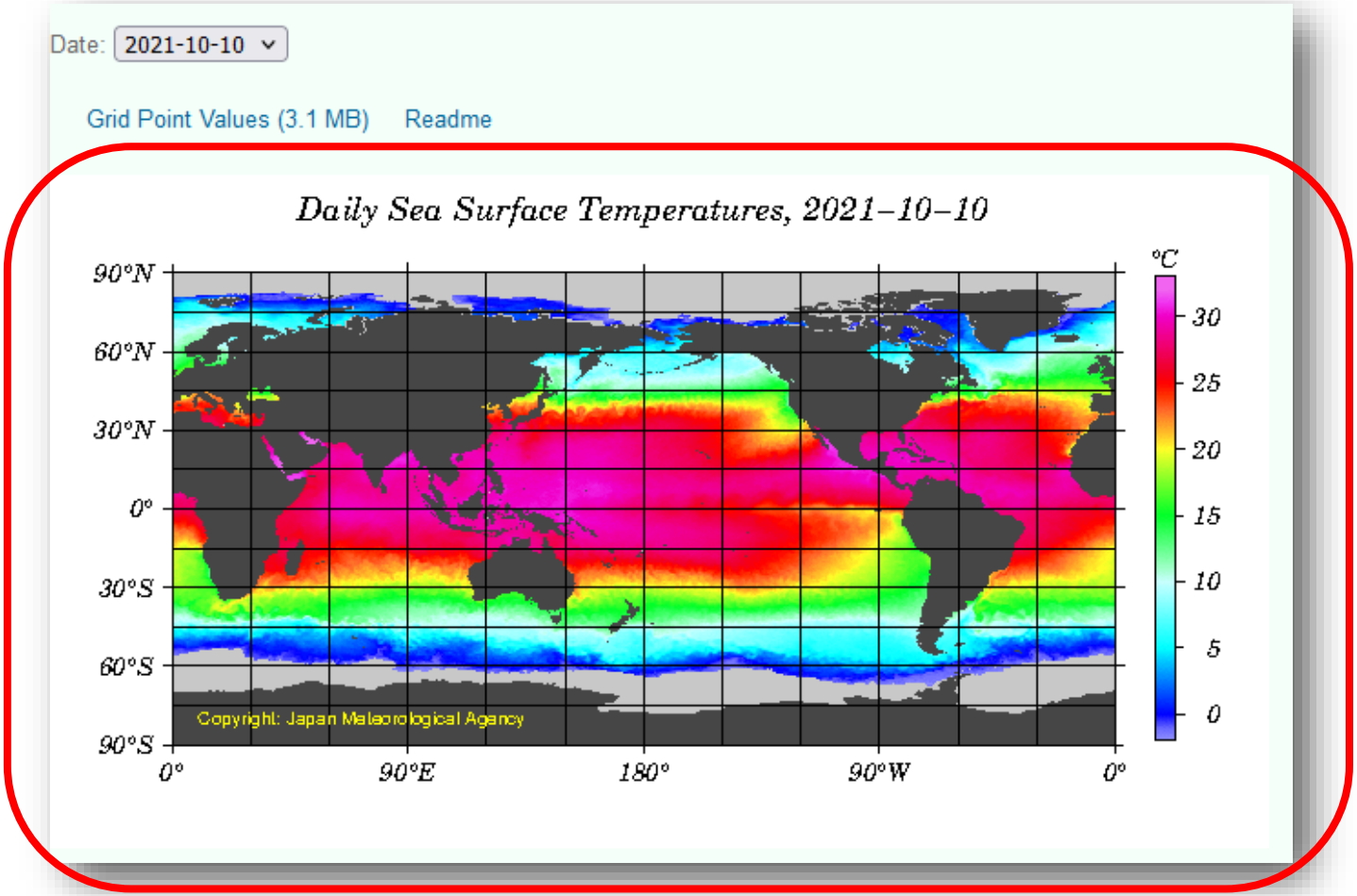
1-2 Imagery data

4. Select the dates for the target data.



1-2 Imagery data

5. Right-click to save the image file that appears on the screen.



1-3 In-situ data

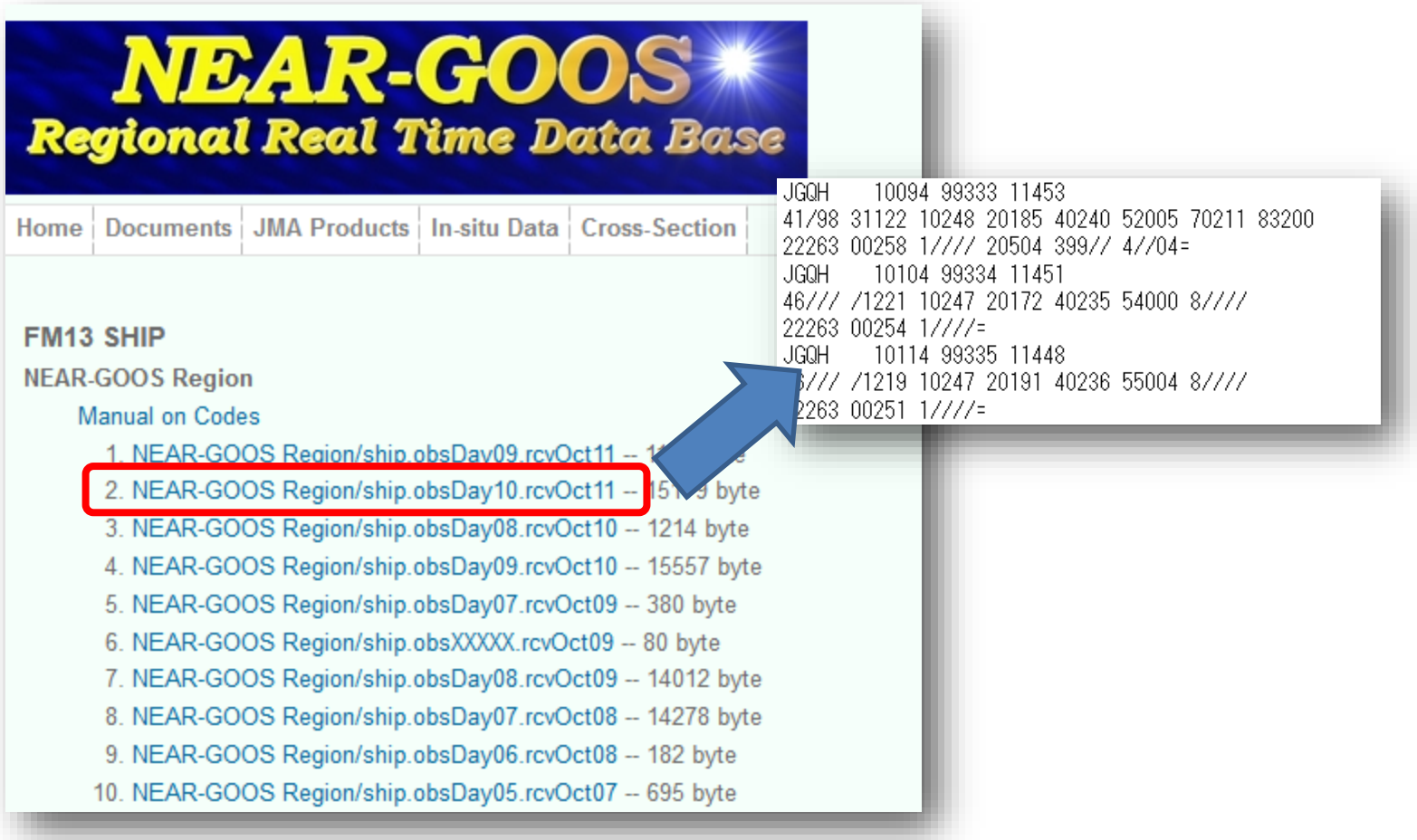
1. Access the NEAR-GOOS RRTDB website at https://www.data.jma.go.jp/goos/data/database.html.
2. Select *In-situ data*.

1-3 In-situ data

3. Click on the desired product.

1-3 In-situ data

4. Right-click on the file name and save the file, or click and copy the data that appears on the screen.



2. Command line data acquisition

2. Command line data acquisition

1. See the directory structure at https://www.data.jma.go.jp/goos/data/pub.
2. Make a record of the file or directory URL.
3. Use ‘wget’ in the command line for data acquisition. Examples are shown on the following pages.

- Example of file download

Specify the file path after the ‘wget’ command.

```
$ wget https://www.data.jma.go.jp/goos/data/pub/JMA-product/mgd_sst_glb_D/2021/mgd_sst_glb_D20211001.txt.gz
```

The specified file will be downloaded.

- Example of directory download (1)

Specify the directory path after the ‘wget’ command with the ‘-r’ option (recursive download), the ‘-np’ option (disallow ascent to the parent directory) and the ‘-nc’ option (omit downloads to existing files).

```
$ wget -r -np -nc
https://www.data.jma.go.jp/goos/data/pub
/JMA-product/mgd_sst_glb_D/2021/
```

The specified directory will be downloaded recursively other than for existing files.

- Example of directory download (2)

Indicate the directory path after the ‘wget’ command with the ‘-nH’ option (don’t create host directories), the ‘-e’ option (execute a ‘.wgetrc’-style command for HTTPS [HTTP] proxy), the ‘-P PREFIX’ option (save files to PREFIX/..) and the ‘--cut-dirs=NUMBERS’ option (ignore NUMBER remote directory components) in addition to the ‘-r’ option, the ‘-np’ option and the ‘-nc’ option.

```
$ wget -r -np -nc -nH -e HTTPS_PROXY=XX.XX.XX.XX:XXXX -P ~/wget/ --cut-dirs=6 https://www.data.jma.go.jp/goos/data/pub/JMA-product/mgd_sst_glb_D/2021/
```

The specified directory will be downloaded recursively to the PREFIX directory without saving of the remote host structure via an HTTPS [HTTP] proxy other than for existing files.