

## EnMAP processor change log

EnMAP processor version	Date	Description
01.00.01	08.04.2022	First processor version at launch.
01.01.00	11.07.2022	<ul style="list-style-type: none"> <li>• Fixed matching for datatakes covering multiple UTM zones.</li> <li>• Fixed processing of scenes in antimeridian.</li> <li>• Fixed border effect due to adjacency correction in L2A land products.</li> <li>• Fixed bands filled with NaN in some L2A products.</li> </ul>
01.01.01	10.08.2022	<ul style="list-style-type: none"> <li>• Removed L2A quality rating from L0 overall quality rating.</li> </ul>
01.01.09	30.09.2022	<ul style="list-style-type: none"> <li>• Activated dehaze functionality in L2A processing.</li> </ul>
01.01.11	24.11.2022	<ul style="list-style-type: none"> <li>• Fixed units of L2A water products.</li> </ul>
<a href="#">01.02.00</a>	28.03.2023	<ul style="list-style-type: none"> <li>• Improved co-registration accuracy.</li> <li>• Implemented interpolation of VNIR radiometric and RNU coefficients to reduce effect of VNIR degradation.</li> <li>• Implemented across-track destriping of L1B products.</li> <li>• Adapted spectral regions for interpolation in L2A processing.</li> <li>• Flag scenes with sun elevation angle of 0° or below (i.e., night scenes) as low quality.</li> </ul>
01.03.00	02.05.2023	<ul style="list-style-type: none"> <li>• Improved geolocation accuracy in along-track direction.</li> </ul>
01.03.03	25.07.2023	<ul style="list-style-type: none"> <li>• Filled gaps in DEM over Azerbaijan and Armenia.</li> <li>• Switched from MODIS to Copernicus for ozone and land surface temperature values used in L2A.</li> <li>• Fixed very high reflectances over snow in L2A products.</li> </ul>
<a href="#">01.04.00</a>	25.09.2023	<ul style="list-style-type: none"> <li>• Re-activated adjacency correction over water in L2A water products (unintentionally de-activated in V01.01.11).</li> </ul>
01.04.01	10.01.2024	<ul style="list-style-type: none"> <li>• Fixed peaks in snow spectra at 590 nm and 647 nm in L2A products.</li> </ul>
<a href="#">01.04.02</a>	15.03.2024	<ul style="list-style-type: none"> <li>• Fixed spectral noise in water spectra below 500 nm in L2A water products.</li> </ul>

### Notes:

- Processor versions not explicitly mentioned in the table contained only minor updates or bug fixes not relevant for data quality.
- More details about each software update can be found in the Mission Quarterly Reports in <https://www.enmap.org/mission/>.