**Checklist for Curated Data Sets**

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| **File Structure** | Status and page # | Additional Comments |
| File organization is consistent and appropriate |  |  |
| Files are in a stable, well-documented format and can be opened with multiple applications |  |  |
| Filenames are unique, descriptive, and consistent |  |  |
| File header information is complete and consistent with documentation |  |  |
| File properties (e.g., dimensions, grid size) are appropriate for the format |  |  |

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| **Documentation** | Status and page # | Additional Comments |
| Data descriptions match the submission |  |  |
| Data, and data application are clearly described |  |  |
| Dimensions, variables, and attributes are well defined and follow [ISO standards](https://www.earthdata.nasa.gov/s3fs-public/imported/423-ESO-035_ISO_19115_Implementation_Guidance_Original.pdf) |  |  |
| Methods are detailed, repeatable and accompanied with complete and executable code |  |  |
| Quality assessment and controls are described |  |  |
| Known issues and data limitations are clearly described |  |  |
| Statements have in-text citations that match the list of references |  |  |
| Summary of the data and process of developing curated data set is provided |  |  |

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| **Data Values** | Status | Additional Comments |
| Value ranges and extremes are valid |  |  |
| Units are appropriate and defined |  |  |
| Data can be visualized using a plot or map |  |  |
| Coded field, data flags, and missing values are defined |  |  |
| Accuracy and precision is reasonable |  |  |

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| **Spatial Information** | Status | Additional Comments |
| Spatial coverage and resolution are persistent and as described |  |  |
| Coordinate system is well-defined, including spatial extent, spatial resolution, boundary, and scale |  |  |
| Map projections are appropriate and well-defined |  |  |
| Values of longitude variable go from west (-180) to east (180) and latitude variable go from south (-90) to north (90) |  |  |

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| **Temporal Information** | Status | Additional Comments |
| Temporal coverage and resolution are persistent and as described |  |  |
| Uses the ISO standard date and time formats |  |  |
| Attributes related to date and time are complete and include a calendar, units, and bounds |  |  |