

Version: 2.4, April 14, 2020

**APPENDIX A-1: NDACC DATA VERSIONING KEYWORDS APPROVED BY THE LIDAR WORKING GROUP AS OF 4/14/2020**

Keyword	Purpose	FILE_ACCESS	DATA_SOURCE	PI_NAME	ORGANIZATION	DATA_LOCATION
	No keyword: Can describe any dataset, at PI's discretion	NDACC	ALL	ALL	ALL	ALL
MONTHLY	Describes a dataset with a time granularity of 1 month	NDACC	LIDAR	ALL	ALL	ALL
HIRES	Describes a dataset with the highest possible spatial and/or temporal resolution	NDACC TOLNET	LIDAR	ALL	ALL	ALL

Examples:

An example with no keyword and no data processing version number (this is the current way to archive):  
groundbased\_lidar.o3\_nasa.jpl002\_mauna.loa.hi\_20200407t054613z\_20200407t080917z\_001.hdf

An example with the keyword "monthly" (note the start and end dates/times):  
groundbased\_lidar.o3\_nasa.jpl002\_monthly\_mauna.loa.hi\_20200401t000000z\_20200430t235959z\_001.hdf

An example with the keyword "hires" (in this case, 10 minutes temporal resolution):  
groundbased\_lidar.o3\_nasa.jpl002\_hires\_mauna.loa.hi\_20200407t054600z\_20200407t055600z\_001.hdf

An example with the keyword "hires", and the data processing version number "1.2":  
groundbased\_lidar.o3\_nasa.jpl002\_hires.1.2\_mauna.loa.hi\_20200407t054600z\_20200407t055600z\_001.hdf

An example with just the data processing version number:  
groundbased\_lidar.o3\_nasa.jpl002\_1.2\_mauna.loa.hi\_20200407t054613z\_20200407t080917z\_001.hdf

**APPENDIX A-2: KEYWORDS PROPOSED TO BE KEPT BY THE NDACC LIDAR WG FOR POSSIBLE APPROVAL LATER ON**

<b>Keyword</b>	<b>Purpose</b>	<b>FILE _ACCESS</b>	<b>DATA _SOURCE</b>	<b>PI _NAME</b>	<b>ORGANIZATION</b>	<b>DATA _LOCATION</b>
CALVAL	Describes a dataset with a spatio-temporal granularity tailored to calibration/validation	TOLNET	LIDAR.O3	ALL	ALL	ALL
CALVAL.TROPOMI	Describes a dataset obtained near a TROPOMI overpass	TOLNET	LIDAR.O3	ALL	ALL	ALL
HIRES.TIME	Describes a dataset with the highest possible temporal resolution	TBD	TBD	TBD	TBD	TBD
HIRES.ALT	Describes a dataset with the highest possible vertical resolution	TBD	TBD	TBD	TBD	TBD
HOURLY	Describes a dataset with a time granularity of 1 hour	TBD	TBD	TBD	TBD	TBD
MONTHLY.RAW	Describes a dataset with a time granularity of 1 month (monthly average/sum of raw data)	TBD	TBD	TBD	TBD	TBD
MONTHLY.PRO	Describes a dataset with a time granularity of 1 month (monthly average of the final product)	TBD	TBD	TBD	TBD	TBD
RD	Describes a Rapid Delivery dataset (Note: must also use DATA_QUALITY)	NDACC	TBD	TBD	TBD	TBD

**APPENDIX A-3: KEYWORDS USED BY OTHER NETWORKS**

<b>Keyword</b>	<b>Purpose</b>	<b>FILE _ACCESS</b>	<b>DATA _SOURCE</b>	<b>PI _NAME</b>	<b>ORGANIZATION</b>	<b>DATA _LOCATION</b>
	No keyword: Can describe any dataset, at PI's discretion	TOLNET	LIDAR.O3	ALL	ALL	ALL
CALVAL	Describes a dataset with a spatio-temporal granularity tailored to calibration/validation	TOLNET	LIDAR.O3	ALL	ALL	ALL
CLIM	Describes a dataset with a spatio-temporal granularity tailored to climatology and trends	TOLNET	LIDAR.O3	ALL	ALL	ALL
GRIDDED	Describes a dataset gridded or re-gridded onto a standardized grid	TOLNET	LIDAR.O3	ALL	ALL	ALL
HIRES	Describes a dataset with the highest possible spatial and/or temporal resolution	NDACC TOLNET	LIDAR.O3	ALL	ALL	ALL