

Urban Sky

Naming Convention for Urban Sky Imagery Product

The Urban Sky product identifier includes the Collection processing levels, processing date, collection identifier, and collection subset number. All letter values in the final name are UPPERCASE values.

USKYSS_CCCCCC_RRR_LLL_YYYYMMDD_yyyymmddhhmmss_OO_VVV_ZZZ_SS.EXTN

Section	Description	Options, Notes or Examples
USKY	Indicates that an imagery file was generated by Urban Sky	All Urban Sky imagery files should start with “USKY”
SS	Sensor System	<ul style="list-style-type: none"> • 01 – Sensor 01. 10cm RGB Imaging System. • 02 – Sensor 02. 3.5m LWIR Imaging System • 03 – Sensor 03. 9cm RGB Imaging System
CCCCCC	Collection ID	• D00039 = The “D00039” Collection
RRR	Output resolution level in cm (nearest integer)	<ul style="list-style-type: none"> • 010 = 10-cm imagery • 007 = 7.2-cm imagery • 120 = 1.2-m imagery
LLL	UTM grid cell value for the approximate image centroid	<ul style="list-style-type: none"> • 13S • 09T
YYYYMMDD	Acquisition year, month, day. UTC	• 20220305
yyymmddhhmmss	Processing year, month, day, hour, minute, second. UTC. For cropped or transcoded outputs, refers to <i>original</i> processing date and time, not time of cropping or transcoding.	• 20220309153712

Section	Description	Options, Notes or Examples
OO	Output format code, per this document	First character indicates <ul style="list-style-type: none"> • A = Lossy compression • L = Lossless compression • E = Exclusive, lossy compression • Y = Exclusive, lossless compression Second character indicates <ul style="list-style-type: none"> • 0 = RGB 8-bit • 1 = RGB 16-bit • 2 = Single-channel 8-bit • 3 = Single-channel 16-bit
VVV	Reserved for future use	
ZZZ	Reserved for future use	
SS	Section ID (00, 01, 02, 03)	<ul style="list-style-type: none"> • 00 is reserved to indicate the “full” collection.
EXTN	File extension	<ul style="list-style-type: none"> • tiff– For the COG-compliant GeoTiff image file. • json – For the metadata file that complements the TIFF file.

Example of files for one collect:

USKY01_D00051_010_13S_20221022_20221103081535_01_006_01.tiff

USKY01_D00051_010_13S_20221022_20221103081535_01_006_01.json