

Exhibit V

EXHIBIT V ¹

This exhibit contains analysis of the fraudulent July 16, 2024 Discovery Materials – Provided to Matthew Guertin by Bruce Rivers following his July 16, 2024 1:30pm court appearance.

This exhibit additionally contains all of the metadata for the images that are being presented, and analyzed in this exhibit, as well as Exhibit S, T, and U. The most notable point of the metadata being that every single one of the images being examined is indicated to have come directly from a ‘NIKON D7200’ digital camera – meaning that the artifacts revealed through the application of extreme color curve settings applied to the images which display the laptop screen PROVES that not only are the images fraudulent, but so is the corresponding metadata as if these images were in fact ‘authentic’ insofar as being directly from the source these image anomalies would not, and could not exist.

Mr. Guertin conducted a forensic analysis of the photographs purported to be authentic discovery materials originating directly from the camera that the police photographer used to take pictures of his residence.

This analysis utilizes a color curve analysis method which revealed that there is ai generated image manipulation that is focused solely on covering up the laptop screen that Guertin had left sitting open on his kitchen table. The ai generated image manipulation was utilized to produce fraudulent application windows and icons that are being used to cover up what was actually left displayed on the laptop screen by Guertin – that being the image of his self professed ‘former CIA welder’ as is documented in the discovery materials emailed to Guertin on August 3, 2023 which only contained a total of 80 images purported to be authentic discovery photographs.

It was in fact the unusual artifacts that Guertin noticed in one of the images showing his laptop screen that first caught his attention and caused him to initially begin examining the discovery images more closely.

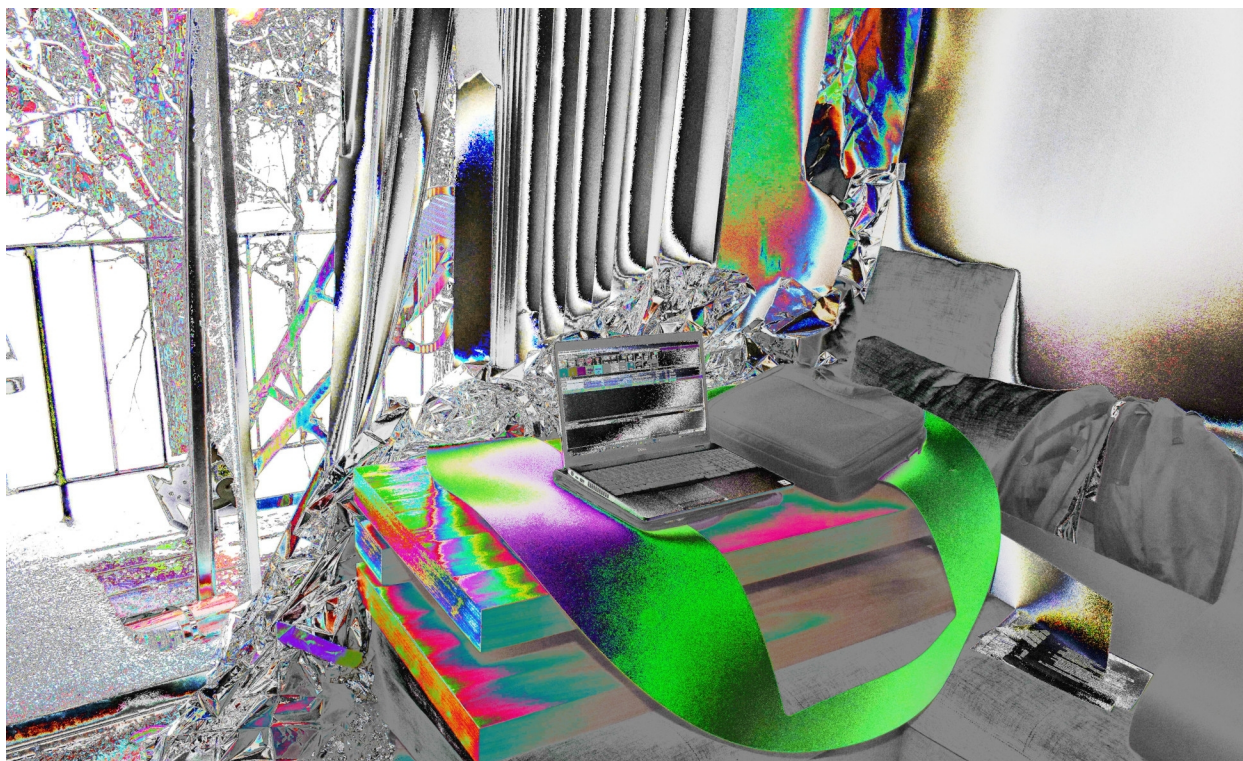
Index 01 | Part 3 of 3, Control Group – Discovery images that are not manipulated for comparison

Index 02 | Complete Metadata for All Images Examined

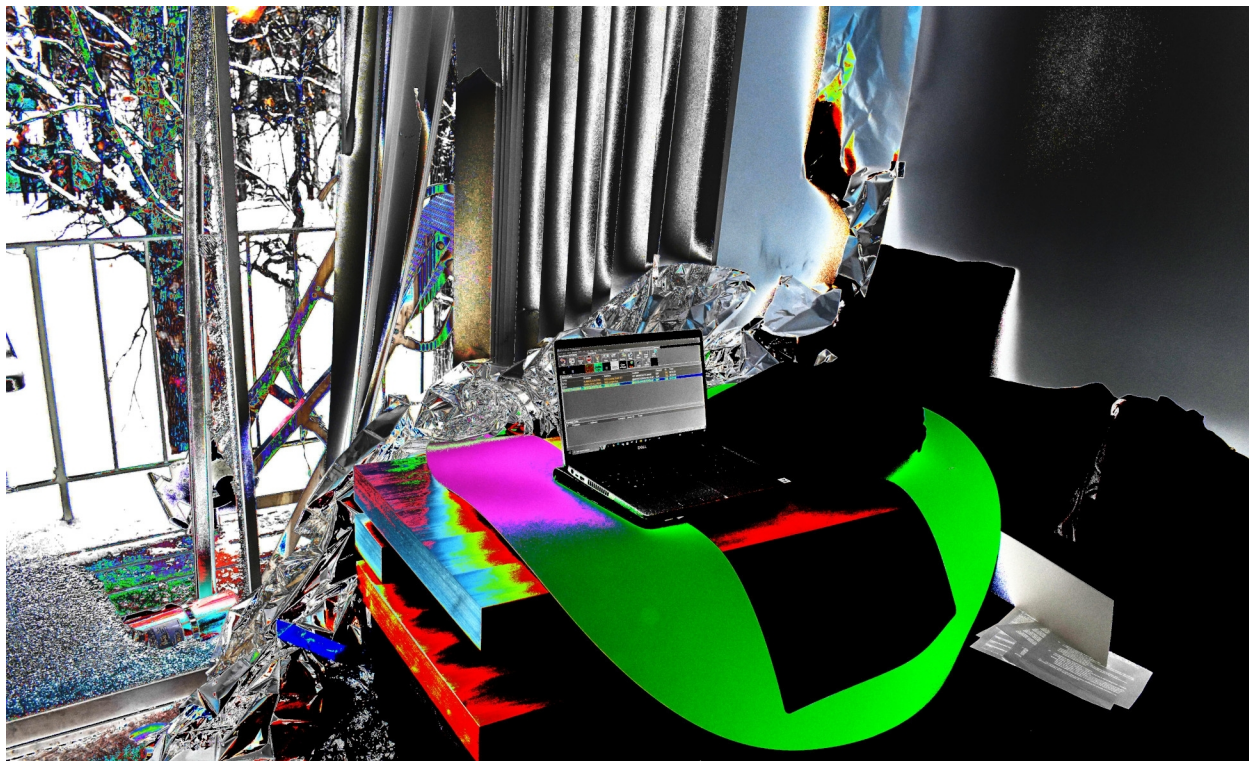
¹ Make use of the bookmarks for easy navigation of this exhibit.



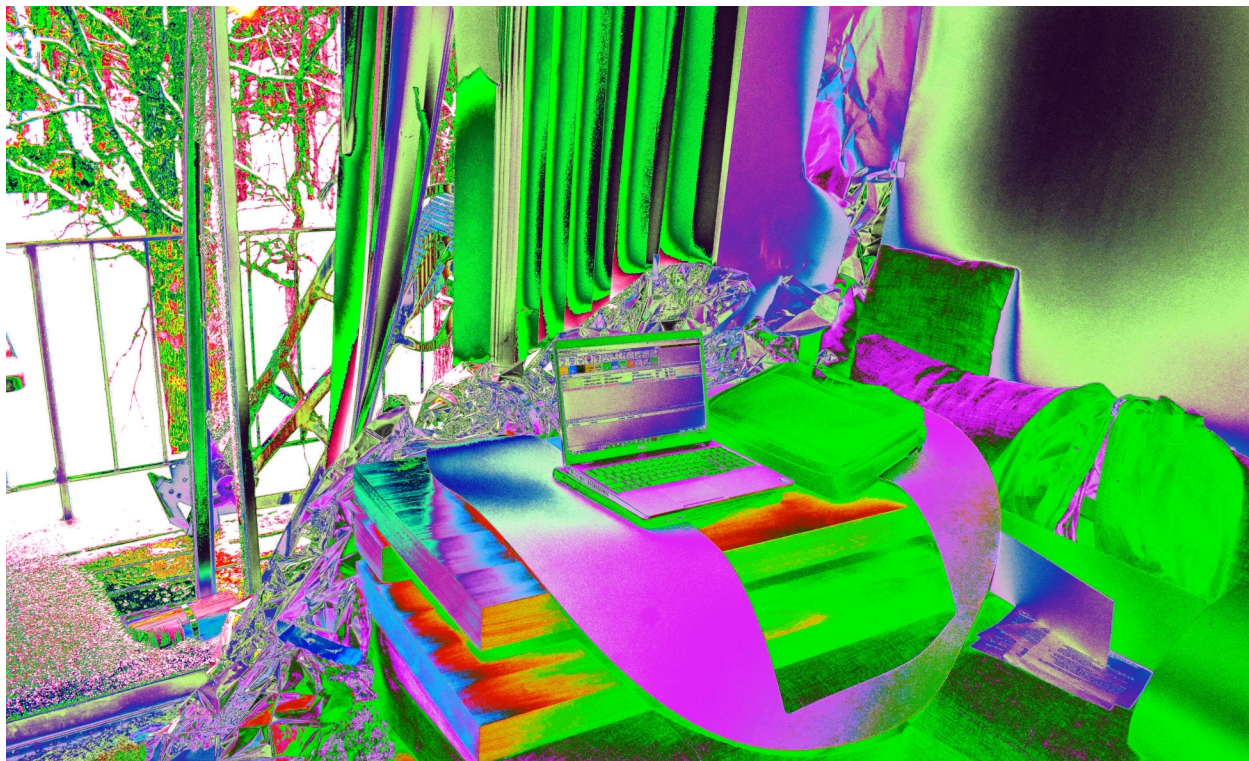
0271.jpg | Linear scaled 32.5% to 1950 pxw | 90% jpg comp



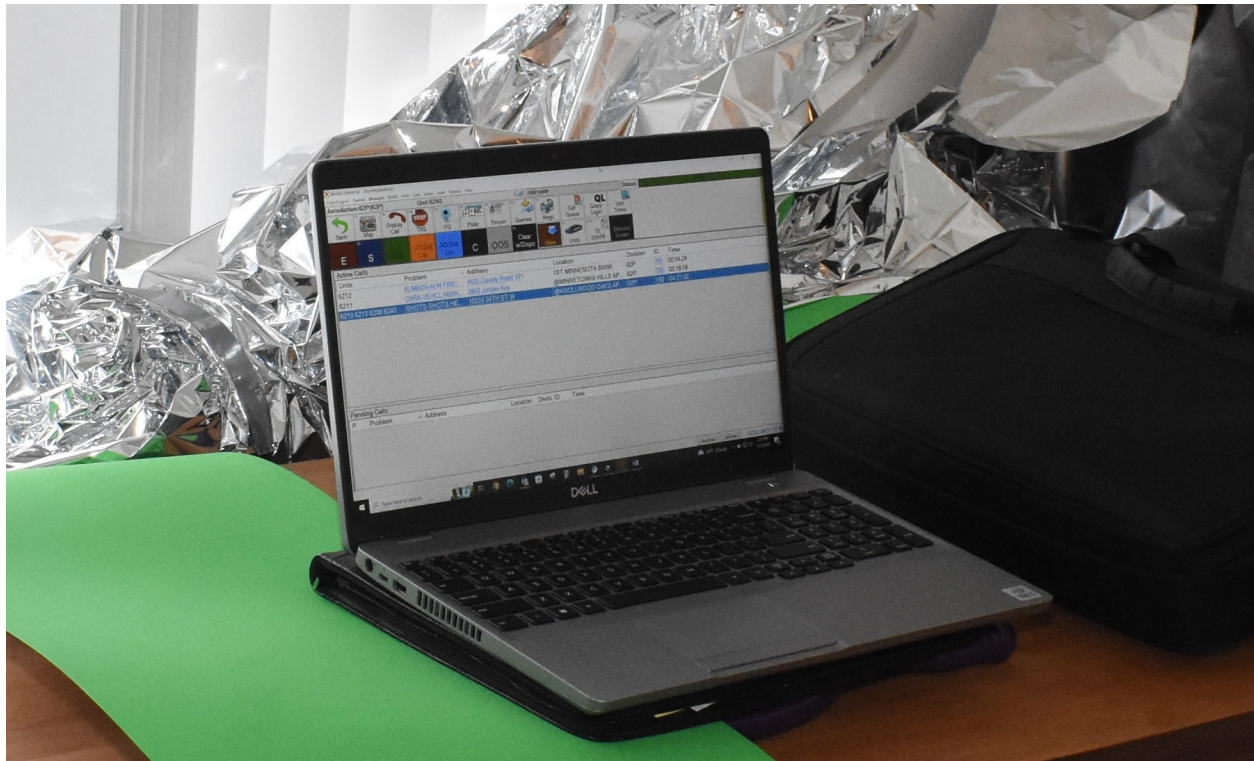
0271-1.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



0271-2.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



0271-3.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



0271.jpg | No scaling | 1950px w region | 90% jpg comp



0271-1.jpg | No scaling | 1950px w region | 90% jpg comp



0271-2.jpg | No scaling | 1950px w region | 90% jpg comp



0271-3.jpg | No scaling | 1950px w region | 90% jpg comp

0156.jpg | Linear scaled 32.5% to 1950 pxw | 90% jpg comp



0156-1.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



0156-2.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



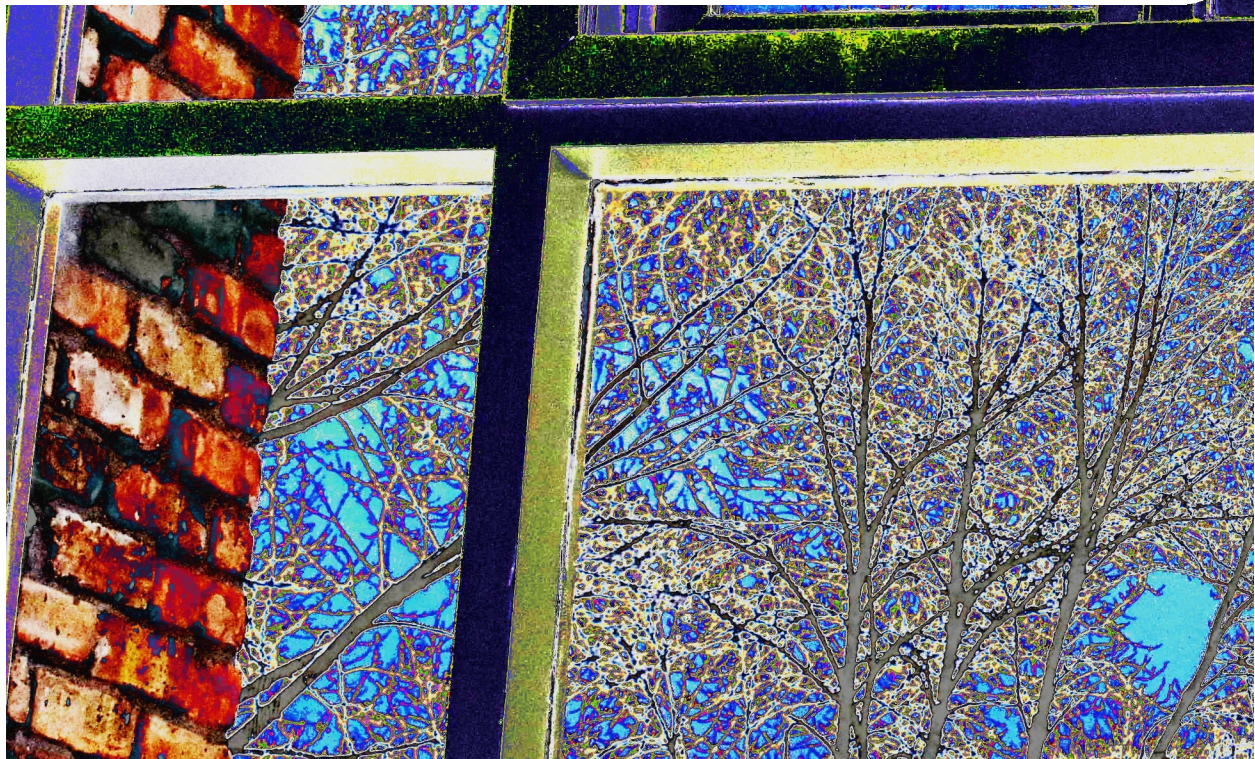
0156-3.jpg | Linear scaled 32.5% to 1950px w | 90% jpg comp



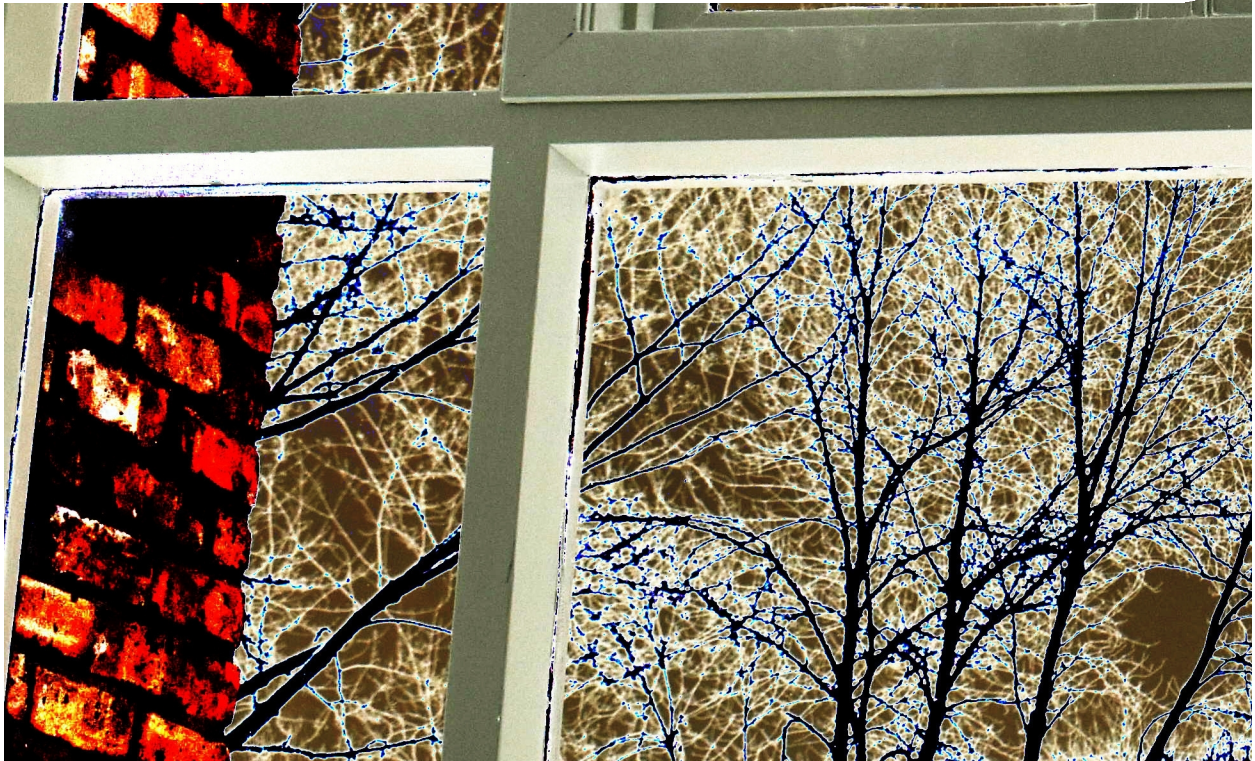
0156.jpg | No scaling | 1950px w region | 90% jpg comp



0156-1.jpg | No scaling | 1950px w region | 90% jpg comp



0156-2.jpg | No scaling | 1950px w region | 90% jpg comp



0156-3.jpg | No scaling | 1950px w region | 90% jpg comp



IMAGE METADATA | 23-0098 0012 520-TRS DSC 0189.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0189.JPG
Directory : .
File Size : 2.7 MiB
File Modification Date/Time : 2023:01:21 14:21:30-06:00
File Access Date/Time : 2024:07:30 14:37:24-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:21:27
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 3200
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:21:27
Create Date : 2023:01:21 14:21:27
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.484375 1.48828125 1 1
 Program Shift : 0
 Exposure Difference : -1.0
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.50 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2351389
Shutter Count : 89938
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0189
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 90
 Sub Sec Time Original : 90
 Sub Sec Time Digitized : 90
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 27 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 9447
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 302994
 MP Image Start : 2531840
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.488281
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.484375
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:21:27.90
 Date/Time Original : 2023:01:21 14:21:27.90
 Modify Date : 2023:01:21 14:21:27.90

Thumbnail Image : (Binary data 9447 bytes, use -b option to extract)
Preview Image : (Binary data 96710 bytes, use -b option to extract)
MP Image 3 : (Binary data 302994 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 4.70 m (0.86 - 5.56 m)
Field Of View : 66.7 deg (1.97 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 6.9

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0190.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0190.JPG
Directory : .
File Size : 2.6 MiB
File Modification Date/Time : 2023:01:21 14:21:32-06:00
File Access Date/Time : 2024:07:31 18:04:45-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:21:30
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 2500
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:21:30
Create Date : 2023:01:21 14:21:30
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.61328125 1.4375 1 1
 Program Shift : 0
 Exposure Difference : -1.5
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 0.75 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2266437
Shutter Count : 89939
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0190
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 85
 Sub Sec Time Original : 85
 Sub Sec Time Digitized : 85
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 27 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 9535
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 301446
 MP Image Start : 2447872
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.4375
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.613281
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:21:30.85
 Date/Time Original : 2023:01:21 14:21:30.85
 Modify Date : 2023:01:21 14:21:30.85

Thumbnail Image : (Binary data 9535 bytes, use -b option to extract)
Preview Image : (Binary data 97740 bytes, use -b option to extract)
MP Image 3 : (Binary data 301446 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 0.62 m (0.55 - 1.18 m)
Field Of View : 66.1 deg (0.98 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.3

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0192.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0192.JPG
Directory : .
File Size : 2.3 MiB
File Modification Date/Time : 2023:01:21 14:21:36-06:00
File Access Date/Time : 2024:07:29 13:56:29-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:21:35
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 2000
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:21:35
Create Date : 2023:01:21 14:21:35
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.9
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 23.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.5703125 1.46484375 1 1
 Program Shift : 0
 Exposure Difference : -0.3
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 75.9 mm
AF Aperture : 3.9
Focus Position : 0x11
Focus Distance : 0.75 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.9
Retouch History : None
Image Data Size : 2018184
Shutter Count : 89941
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0192
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 24
 Sub Sec Time Original : 24
 Sub Sec Time Digitized : 24
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 34 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 10080
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 247129
 MP Image Start : 2203648
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.464844
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.570313
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:21:35.24
 Date/Time Original : 2023:01:21 14:21:35.24
 Modify Date : 2023:01:21 14:21:35.24

Thumbnail Image : (Binary data 10080 bytes, use -b option to extract)
Preview Image : (Binary data 101881 bytes, use -b option to extract)
MP Image 3 : (Binary data 247129 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 0.35 m (0.61 - 0.97 m)
Field Of View : 54.3 deg (0.77 m)
Focal Length : 23.0 mm (35 mm equivalent: 34.0 mm)
Hyperfocal Distance : 3.25 m
Light Value : 7.6

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0193.JPG

ExifTool Version Number : 12.40
 File Name : 23-0098_0012_520-TRS_DSC_0193.JPG
 Directory : .
 File Size : 2.5 MiB
 File Modification Date/Time : 2023:01:21 14:21:42-06:00
 File Access Date/Time : 2024:07:30 14:37:22-05:00
 File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
 File Permissions : -rw-rw-r--
 File Type : JPEG
 File Type Extension : jpg
 MIME Type : image/jpeg
 Exif Byte Order : Little-endian (Intel, II)
 Make : NIKON CORPORATION
 Camera Model Name : NIKON D7200
 Orientation : Horizontal (normal)
 X Resolution : 300
 Y Resolution : 300
 Resolution Unit : inches
 Software : Ver.1.02
 Modify Date : 2023:01:21 14:21:42
 Artist :
 Y Cb Cr Positioning : Co-sited
 Copyright :
 Exposure Time : 1/60
 F Number : 8.0
 Exposure Program : Aperture-priority AE
 ISO : 2200
 Sensitivity Type : Recommended Exposure Index
 Exif Version : 0230
 Date/Time Original : 2023:01:21 14:21:42
 Create Date : 2023:01:21 14:21:42
 Components Configuration : Y, Cb, Cr, -
 Compressed Bits Per Pixel : 1
 Exposure Compensation : 0
 Max Aperture Value : 3.5
 Metering Mode : Multi-segment
 Light Source : Unknown
 Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.5703125 1.44921875 1 1
 Program Shift : 0
 Exposure Difference : 0
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.00 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2181846
Shutter Count : 89942
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0193
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 07
 Sub Sec Time Original : 07
 Sub Sec Time Digitized : 07
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 27 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 10136
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 252158
 MP Image Start : 2368000
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.449219
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.570313
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:21:42.07
 Date/Time Original : 2023:01:21 14:21:42.07
 Modify Date : 2023:01:21 14:21:42.07

Thumbnail Image : (Binary data 10136 bytes, use -b option to extract)
Preview Image : (Binary data 102359 bytes, use -b option to extract)
MP Image 3 : (Binary data 252158 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 1.27 m (0.67 - 1.94 m)
Field Of View : 66.4 deg (1.31 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.4

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0194.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0194.JPG
Directory : .
File Size : 2.4 MiB
File Modification Date/Time : 2023:01:21 14:21:46-06:00
File Access Date/Time : 2024:07:30 14:37:23-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:21:45
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 1800
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:21:45
Create Date : 2023:01:21 14:21:45
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.62109375 1.44140625 1 1
 Program Shift : 0
 Exposure Difference : -0.4
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 0.75 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2087036
Shutter Count : 89943
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0194
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 68
 Sub Sec Time Original : 68
 Sub Sec Time Digitized : 68
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 27 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 10189
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 260780
 MP Image Start : 2275840
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.441406
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.621094
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:21:45.68
 Date/Time Original : 2023:01:21 14:21:45.68
 Modify Date : 2023:01:21 14:21:45.68

Thumbnail Image : (Binary data 10189 bytes, use -b option to extract)
Preview Image : (Binary data 104721 bytes, use -b option to extract)
MP Image 3 : (Binary data 260780 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 0.62 m (0.55 - 1.18 m)
Field Of View : 66.1 deg (0.98 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.7

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0209.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0209.JPG
Directory : .
File Size : 2.6 MiB
File Modification Date/Time : 2023:01:21 14:23:00-06:00
File Access Date/Time : 2024:07:30 14:31:44-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:22:59
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 2000
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:22:59
Create Date : 2023:01:21 14:22:59
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.31640625 1.5703125 1 1
 Program Shift : 0
 Exposure Difference : +0.1
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.50 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2291956
Shutter Count : 89958
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0209
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 80
 Sub Sec Time Original : 80
 Sub Sec Time Digitized : 80
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
Custom Rendered : Normal
Exposure Mode : Auto
Digital Zoom Ratio : 1
Focal Length In 35mm Format : 27 mm
Scene Capture Type : Standard
Gain Control : High gain up
Contrast : Normal
Saturation : Normal
Sharpness : Normal
Subject Distance Range : Unknown
GPS Version ID : 2.3.0.0
Compression : JPEG (old-style)
Thumbnail Offset : 18292
Thumbnail Length : 10308
Creator Tool : NIKON D7200 Ver.1.02
MPF Version : 0100
Number Of Images : 3
MP Image Flags : Dependent child image
MP Image Format : JPEG
MP Image Type : Large Thumbnail (full HD equivalent)
MP Image Length : 265911
MP Image Start : 2481152
Dependent Image 1 Entry Number : 0
Dependent Image 2 Entry Number : 0
Image Width : 6000
Image Height : 4000
Encoding Process : Baseline DCT, Huffman coding
Bits Per Sample : 8
Color Components : 3
Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
Aperture : 8.0
Blue Balance : 1.570313
Image Size : 6000x4000
Megapixels : 24.0
Red Balance : 2.316406
Scale Factor To 35 mm Equivalent: 1.5
Shutter Speed : 1/60
Create Date : 2023:01:21 14:22:59.80
Date/Time Original : 2023:01:21 14:22:59.80
Modify Date : 2023:01:21 14:22:59.80

Thumbnail Image : (Binary data 10308 bytes, use -b option to extract)
Preview Image : (Binary data 105386 bytes, use -b option to extract)
MP Image 3 : (Binary data 265911 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 4.70 m (0.86 - 5.56 m)
Field Of View : 66.7 deg (1.97 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.6

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0217.JPG

ExifTool Version Number : 12.40
 File Name : 23-0098_0012_520-TRS_DSC_0217.JPG
 Directory : .
 File Size : 2.4 MiB
 File Modification Date/Time : 2023:01:21 14:23:12-06:00
 File Access Date/Time : 2024:07:30 14:34:30-05:00
 File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
 File Permissions : -rw-rw-r--
 File Type : JPEG
 File Type Extension : jpg
 MIME Type : image/jpeg
 Exif Byte Order : Little-endian (Intel, II)
 Make : NIKON CORPORATION
 Camera Model Name : NIKON D7200
 Orientation : Horizontal (normal)
 X Resolution : 300
 Y Resolution : 300
 Resolution Unit : inches
 Software : Ver.1.02
 Modify Date : 2023:01:21 14:23:12
 Artist :
 Y Cb Cr Positioning : Co-sited
 Copyright :
 Exposure Time : 1/60
 F Number : 8.0
 Exposure Program : Aperture-priority AE
 ISO : 1800
 Sensitivity Type : Recommended Exposure Index
 Exif Version : 0230
 Date/Time Original : 2023:01:21 14:23:12
 Create Date : 2023:01:21 14:23:12
 Components Configuration : Y, Cb, Cr, -
 Compressed Bits Per Pixel : 1
 Exposure Compensation : 0
 Max Aperture Value : 3.5
 Metering Mode : Multi-segment
 Light Source : Unknown
 Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.36328125 1.51953125 1 1
 Program Shift : 0
 Exposure Difference : 0
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.50 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2141791
Shutter Count : 89966
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0217
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 09
 Sub Sec Time Original : 09
 Sub Sec Time Digitized : 09
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
Custom Rendered : Normal
Exposure Mode : Auto
Digital Zoom Ratio : 1
Focal Length In 35mm Format : 27 mm
Scene Capture Type : Standard
Gain Control : High gain up
Contrast : Normal
Saturation : Normal
Sharpness : Normal
Subject Distance Range : Unknown
GPS Version ID : 2.3.0.0
Compression : JPEG (old-style)
Thumbnail Offset : 18292
Thumbnail Length : 10202
Creator Tool : NIKON D7200 Ver.1.02
MPF Version : 0100
Number Of Images : 3
MP Image Flags : Dependent child image
MP Image Format : JPEG
MP Image Type : Large Thumbnail (full HD equivalent)
MP Image Length : 236362
MP Image Start : 2324480
Dependent Image 1 Entry Number : 0
Dependent Image 2 Entry Number : 0
Image Width : 6000
Image Height : 4000
Encoding Process : Baseline DCT, Huffman coding
Bits Per Sample : 8
Color Components : 3
Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
Aperture : 8.0
Blue Balance : 1.519531
Image Size : 6000x4000
Megapixels : 24.0
Red Balance : 2.363281
Scale Factor To 35 mm Equivalent: 1.5
Shutter Speed : 1/60
Create Date : 2023:01:21 14:23:12.09
Date/Time Original : 2023:01:21 14:23:12.09
Modify Date : 2023:01:21 14:23:12.09

Thumbnail Image : (Binary data 10202 bytes, use -b option to extract)
Preview Image : (Binary data 98525 bytes, use -b option to extract)
MP Image 3 : (Binary data 236362 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 4.70 m (0.86 - 5.56 m)
Field Of View : 66.7 deg (1.97 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.7

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0220.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0220.JPG
Directory : .
File Size : 2.3 MiB
File Modification Date/Time : 2023:01:21 14:23:16-06:00
File Access Date/Time : 2024:07:29 14:06:01-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:23:15
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 2200
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:23:15
Create Date : 2023:01:21 14:23:15
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.39453125 1.51171875 1 1
 Program Shift : 0
 Exposure Difference : 0
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.50 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2019399
Shutter Count : 89969
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0220
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 23
 Sub Sec Time Original : 23
 Sub Sec Time Digitized : 23
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 27 mm
 Scene Capture Type : Standard
 Gain Control : High gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 10206
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 246165
 MP Image Start : 2205696
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.511719
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.394531
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/60
 Create Date : 2023:01:21 14:23:15.23
 Date/Time Original : 2023:01:21 14:23:15.23
 Modify Date : 2023:01:21 14:23:15.23

Thumbnail Image : (Binary data 10206 bytes, use -b option to extract)
Preview Image : (Binary data 102122 bytes, use -b option to extract)
MP Image 3 : (Binary data 246165 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 4.70 m (0.86 - 5.56 m)
Field Of View : 66.7 deg (1.97 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.4

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0271.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0271.JPG
Directory : .
File Size : 2.5 MiB
File Modification Date/Time : 2023:01:21 14:27:48-06:00
File Access Date/Time : 2024:07:30 12:59:55-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:27:47
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/60
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 2200
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:27:47
Create Date : 2023:01:21 14:27:47
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 3.5
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 18.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.625 1.45703125 1 1
 Program Shift : 0
 Exposure Difference : +0.1
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 70.6 mm
AF Aperture : 3.6
Focus Position : 0x11
Focus Distance : 1.50 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 3.6
Retouch History : None
Image Data Size : 2170506
Shutter Count : 90020
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : Yes
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 14 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0271
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 27
 Sub Sec Time Original : 27
 Sub Sec Time Digitized : 27
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
Custom Rendered : Normal
Exposure Mode : Auto
Digital Zoom Ratio : 1
Focal Length In 35mm Format : 27 mm
Scene Capture Type : Standard
Gain Control : High gain up
Contrast : Normal
Saturation : Normal
Sharpness : Normal
Subject Distance Range : Unknown
GPS Version ID : 2.3.0.0
Compression : JPEG (old-style)
Thumbnail Offset : 18292
Thumbnail Length : 10142
Creator Tool : NIKON D7200 Ver.1.02
MPF Version : 0100
Number Of Images : 3
MP Image Flags : Dependent child image
MP Image Format : JPEG
MP Image Type : Large Thumbnail (full HD equivalent)
MP Image Length : 267161
MP Image Start : 2359296
Dependent Image 1 Entry Number : 0
Dependent Image 2 Entry Number : 0
Image Width : 6000
Image Height : 4000
Encoding Process : Baseline DCT, Huffman coding
Bits Per Sample : 8
Color Components : 3
Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
Aperture : 8.0
Blue Balance : 1.457031
Image Size : 6000x4000
Megapixels : 24.0
Red Balance : 2.625
Scale Factor To 35 mm Equivalent: 1.5
Shutter Speed : 1/60
Create Date : 2023:01:21 14:27:47.27
Date/Time Original : 2023:01:21 14:27:47.27
Modify Date : 2023:01:21 14:27:47.27

Thumbnail Image : (Binary data 10142 bytes, use -b option to extract)
Preview Image : (Binary data 104565 bytes, use -b option to extract)
MP Image 3 : (Binary data 267161 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 4.70 m (0.86 - 5.56 m)
Field Of View : 66.7 deg (1.97 m)
Focal Length : 18.0 mm (35 mm equivalent: 27.0 mm)
Hyperfocal Distance : 2.02 m
Light Value : 7.4

IMAGE METADATA | 23-0098 0012 520-TRS DSC 0156.JPG

ExifTool Version Number : 12.40
File Name : 23-0098_0012_520-TRS_DSC_0156.JPG
Directory : .
File Size : 2.7 MiB
File Modification Date/Time : 2023:01:21 14:18:52-06:00
File Access Date/Time : 2024:07:30 13:21:35-05:00
File Inode Change Date/Time : 2024:07:24 16:34:14-05:00
File Permissions : -rw-rw-r--
File Type : JPEG
File Type Extension : jpg
MIME Type : image/jpeg
Exif Byte Order : Little-endian (Intel, II)
Make : NIKON CORPORATION
Camera Model Name : NIKON D7200
Orientation : Horizontal (normal)
X Resolution : 300
Y Resolution : 300
Resolution Unit : inches
Software : Ver.1.02
Modify Date : 2023:01:21 14:18:51
Artist :
Y Cb Cr Positioning : Co-sited
Copyright :
Exposure Time : 1/1000
F Number : 8.0
Exposure Program : Aperture-priority AE
ISO : 800
Sensitivity Type : Recommended Exposure Index
Exif Version : 0230
Date/Time Original : 2023:01:21 14:18:51
Create Date : 2023:01:21 14:18:51
Components Configuration : Y, Cb, Cr, -
Compressed Bits Per Pixel : 1
Exposure Compensation : 0
Max Aperture Value : 4.0
Metering Mode : Multi-segment
Light Source : Unknown
Flash : On, Return detected

Focal Length : 27.0 mm
 Maker Note Version : 2.11
 Quality : Basic
 White Balance : Auto1
 Focus Mode : AF-S
 Flash Setting : Normal
 Flash Type : Optional,TTL-BL
 White Balance Fine Tune : 0 0
 WB RB Levels : 2.5 1.5390625 1 1
 Program Shift : 0
 Exposure Difference : 0
 Flash Exposure Compensation : 0
 Image Boundary : 0 0 6000 4000
 External Flash Exposure Comp : 0
 Flash Exposure Bracket Value : 0.0
 Exposure Bracket Value : 0
 Crop Hi Speed : DX Uncropped (6016x4016 cropped to 6016x4016 at pixel 0,0)
 Exposure Tuning : 0
 Serial Number : 2591416
 VR Info Version : 0100
 Vibration Reduction : On
 VR Mode : Normal
 Active D-Lighting : Off
 Picture Control Version : 0200
 Picture Control Name : Standard
 Picture Control Base : Standard
 Picture Control Adjust : Default Settings
 Picture Control Quick Adjust : Normal
 Clarity : 1.00
 Brightness : Normal
 Hue : None
 Filter Effect : n/a
 Toning Effect : n/a
 Toning Saturation : n/a
 Time Zone : -06:00
 Daylight Savings : No
 Date Display Format : M/D/Y
 ISO Expansion : Off
 ISO2 : 800
 ISO Expansion 2 : Off
 Vignette Control : Normal

Auto Distortion Control : Off
HDR Info Version : 0200
HDR : Off
HDR Level : Auto
Image Size RAW : Large
Lens Type : G VR
Lens : 18-55mm f/3.5-5.6
Flash Mode : Fired, External
Shooting Mode : Single-Frame, Auto ISO
Shot Info Version : 0236
Firmware Version : 1.02d
Noise Reduction : Off
Color Balance Version : 0224
Lens Data Version : 0204
Exit Pupil Position : 78.8 mm
AF Aperture : 4.1
Focus Position : 0x21
Focus Distance : 2.99 m
Lens ID Number : 160
Lens F Stops : 5.33
Min Focal Length : 18.3 mm
Max Focal Length : 55.0 mm
Max Aperture At Min Focal : 3.6
Max Aperture At Max Focal : 5.7
MCU Version : 202
Effective Max Aperture : 4.1
Retouch History : None
Image Data Size : 2325863
Shutter Count : 89905
Flash Info Version : 0107
Flash Source : External
External Flash Firmware : 6.01 (SB-700)
External Flash Zoom Override : No
External Flash Status : Flash Attached
External Flash Ready State : Ready
Flash Compensation : 0
Flash Focal Length : 40 mm
Flash GN Distance : n/a
Flash Group A Control Mode : Off
Flash Group B Control Mode : Off
Flash Group C Control Mode : Off

Flash Group A Compensation : 0
 Flash Group B Compensation : 0
 Flash Group C Compensation : 0
 Vari Program :
 Multi Exposure Version : 0100
 Multi Exposure Mode : Off
 Multi Exposure Shots : 0
 Multi Exposure Auto Gain : Off
 High ISO Noise Reduction : Normal
 Power Up Time : 2020:01:23 12:04:58
 AF Info 2 Version : 0100
 Contrast Detect AF : Off
 AF Area Mode : Single Area
 Phase Detect AF : On (51-point)
 Primary AF Point : C6 (Center)
 AF Points Used : C6
 Contrast Detect AF In Focus : No
 File Info Version : 0100
 Memory Card Number : 0
 Directory Number : 124
 File Number : 0156
 AF Fine Tune : Off
 AF Fine Tune Index : n/a
 AF Fine Tune Adj : 0
 AF Fine Tune Adj Tele : 0
 Retouch Info Version : 0200
 Retouch NEF Processing : Off
 Silent Photography : Off
 User Comment :
 Sub Sec Time : 87
 Sub Sec Time Original : 87
 Sub Sec Time Digitized : 87
 Flashpix Version : 0100
 Color Space : sRGB
 Exif Image Width : 6000
 Exif Image Height : 4000
 Interoperability Index : R98 - DCF basic file (sRGB)
 Interoperability Version : 0100
 Sensing Method : One-chip color area
 File Source : Digital Camera
 Scene Type : Directly photographed

CFA Pattern : [Red,Green][Green,Blue]
 Custom Rendered : Normal
 Exposure Mode : Auto
 Digital Zoom Ratio : 1
 Focal Length In 35mm Format : 40 mm
 Scene Capture Type : Standard
 Gain Control : Low gain up
 Contrast : Normal
 Saturation : Normal
 Sharpness : Normal
 Subject Distance Range : Unknown
 GPS Version ID : 2.3.0.0
 Compression : JPEG (old-style)
 Thumbnail Offset : 18292
 Thumbnail Length : 10688
 Creator Tool : NIKON D7200 Ver.1.02
 MPF Version : 0100
 Number Of Images : 3
 MP Image Flags : Dependent child image
 MP Image Format : JPEG
 MP Image Type : Large Thumbnail (full HD equivalent)
 MP Image Length : 294124
 MP Image Start : 2514944
 Dependent Image 1 Entry Number : 0
 Dependent Image 2 Entry Number : 0
 Image Width : 6000
 Image Height : 4000
 Encoding Process : Baseline DCT, Huffman coding
 Bits Per Sample : 8
 Color Components : 3
 Y Cb Cr Sub Sampling : YCbCr4:2:2 (2 1)
 Aperture : 8.0
 Blue Balance : 1.539063
 Image Size : 6000x4000
 Megapixels : 24.0
 Red Balance : 2.5
 Scale Factor To 35 mm Equivalent: 1.5
 Shutter Speed : 1/1000
 Create Date : 2023:01:21 14:18:51.87
 Date/Time Original : 2023:01:21 14:18:51.87
 Modify Date : 2023:01:21 14:18:51.87

Thumbnail Image : (Binary data 10688 bytes, use -b option to extract)
Preview Image : (Binary data 105286 bytes, use -b option to extract)
MP Image 3 : (Binary data 294124 bytes, use -b option to extract)
Auto Focus : On
Lens ID : AF-P DX Nikkor 18-55mm f/3.5-5.6G VR
Lens Spec : 18-55mm f/3.5-5.6 G VR
Circle Of Confusion : 0.020 mm
Depth Of Field : 6.94 m (1.80 - 8.74 m)
Field Of View : 48.1 deg (2.66 m)
Focal Length : 27.0 mm (35 mm equivalent: 40.0 mm)
Hyperfocal Distance : 4.49 m
Light Value : 13.0
