

1	Active D-Lighting	: Auto
2	AF Aperture	: 5.8
3	AF Area Mode	: Single Area
4	AF Info 2 Version	: 0100
5	AF Points Used	: Center
6	Aperture	: 5.6
7	Aperture Value	: 7.0
8	Auto Distortion Control	: On
9	Auto Focus	: On
10	Bits Per Sample	: 8
11	Blue Balance	: 1.761719
12	Brightness	: Normal
13	Camera Model Name	: NIKON D3200
14	CFA Pattern	: [Red,Green][Green,Blue]
15	Circle Of Confusion	: 0.020 mm
16	Color Components	: 3
17	Color Space	: sRGB
18	Components Configuration	: Y, Cb, Cr, -
19	Compression	: Uncompressed
20	Contrast	: Normal
21	Contrast Detect AF	: Off
22	Contrast Detect AF In Focus	: No
23	Create Date	: 2023:01:02 13:33:36
24	Create Date	: 2023:01:02 13:33:36.90
25	Creator Tool	: Zoner Photo Studio X
26	Crop Hi Speed	: Off (6080x4012 cropped to 6080x4012 at pixel 0,0)
27	Custom Rendered	: Normal
28	Date Created	: 2023:01:02 13:33:33
29	Date Display Format	: Y/M/D
30	Date Stamp Mode	: Off
31	Date/Time Original	: 2023:01:02 13:33:36
32	Date/Time Original	: 2023:01:02 13:33:36.90
33	Daylight Savings	: Yes
34	Depth Of Field	: 0.84 m (2.98 - 3.82 m)
35	Digital Zoom Ratio	: 1
36	Directory	: .
37	Directory Number	: 100
38	Effective Max Aperture	: 5.7
39	Encoding Process	: Progressive DCT, Huffman coding
40	Exclude From Raw Jpg	: 1
41	Exif Byte Order	: Little-endian (Intel, II)
42	Exif Image Height	: 1639
43	Exif Image Width	: 2048
44	Exif Version	: 0232
45	ExifTool Version Number	: 12.51
46	Exit Pupil Position	: 97.5 mm
47	Exposure Bracket Value	: 0
48	Exposure Compensation	: 0
49	Exposure Difference	: 0
50	Exposure Mode	: Auto
51	Exposure Program	: Not Defined
52	Exposure Time	: 1/15
53	Exposure Tuning	: 0
54	External Flash Compensation	: 0
55	External Flash Exposure Comp	: 0
56	External Flash Firmware	: n/a
57	External Flash Flags	: (none)
58	F Number	: 5.6
59	Field Of View	: 24.4 deg (1.45 m)
60	File Access Date/Time	: 2023:01:02 14:35:34-08:00
61	File Creation Date/Time	: 2023:01:02 14:35:26-08:00
62	File Info Version	: 0100
63	File Modification Date/Time	: 2023:01:02 14:35:34-08:00
64	File Name	: ZSC_5062-5065-DeNoiseAI-rawN.jpg
65	File Number	: 5065
66	File Permissions	: -rw-rw-rw-
67	File Size	: 3.1 MB
68	File Source	: Digital Camera
69	File Type	: JPEG

70	File Type Extension	: jpg
71	Filter Effect	: n/a
72	Firmware Version	: 1.04a
73	Flash	: Off, Did not fire
74	Flash Color Filter	: None
75	Flash Commander Mode	: Off
76	Flash Compensation	: 0
77	Flash Control Mode	: Off
78	Flash Exposure Bracket Value	: 0.0
79	Flash Exposure Comp 3	: 0
80	Flash Exposure Comp 4	: 0
81	Flash Exposure Compensation	: 0
82	Flash Fired	: False
83	Flash Function	: False
84	Flash GN Distance	: 0
85	Flash Group A Compensation	: 0
86	Flash Group A Control Mode	: Off
87	Flash Group B Compensation	: 0
88	Flash Group B Control Mode	: Off
89	Flash Group C Compensation	: 0
90	Flash Group C Control Mode	: Off
91	Flash Info Version	: 0105
92	Flash Mode	: Did Not Fire
93	Flash Red Eye Mode	: False
94	Flash Return	: No return detection
95	Flash Setting	:
96	Flash Source	: None
97	Flash Type	:
98	Flashpix Version	: 0100
99	Focal Length	: 55.0 mm
100	Focal Length	: 55.0 mm (35 mm equivalent: 82.0 mm)
101	Focal Length In 35mm Format	: 82 mm
102	Focus Distance	: 3.35 m
103	Focus Mode	: AF-A
104	Focus Position	: 0x06
105	Gain Control	: High gain up
106	GPS Latitude	: 38 deg 28' 19.42" N
107	GPS Latitude Ref	: North
108	GPS Longitude	: 121 deg 25' 50.41" W
109	GPS Longitude Ref	: West
110	GPS Position	: 38 deg 28' 19.42" N, 121 deg 25' 50.41" W
111	GPS Version ID	: 2.3.0.0
112	High ISO Noise Reduction	: Normal
113	Hue Adjustment	: None
114	Hyperfocal Distance	: 26.80 m
115	Image Height	: 1639
116	Image Size	: 2048x1639
117	Image Width	: 2048
118	ISO	: 2500
119	ISO Expansion	: Off
120	ISO Expansion 2	: Off
121	ISO Setting	: 2500
122	ISO2	: 2540
123	Lens	: 18-55mm f/3.5-5.6
124	Lens Data Version	: 0204
125	Lens F Stops	: 5.33
126	Lens ID	: AF-S DX VR Zoom-Nikkor 18-55mm f/3.5-5.6G
127	Lens ID Number	: 154
128	Lens Spec	: 18-55mm f/3.5-5.6 G VR
129	Lens Type	: G VR
130	Light Source	: Unknown
131	Light Value	: 4.2
132	Make	: NIKON CORPORATION
133	Maker Note Version	: 2.10
134	Max Aperture At Max Focal	: 5.7
135	Max Aperture At Min Focal	: 3.6
136	Max Aperture Value	: 5.7
137	Max Focal Length	: 55.0 mm
138	MCU Version	: 156

139 Megapixels : 3.4  
140 Memory Card Number : 0  
141 Metering Mode : Multi-segment  
142 MIME Type : image/jpeg  
143 Min Focal Length : 18.3 mm  
144 Modify Date : 2023:01:02 14:35:34  
145 Modify Date : 2023:01:02 14:35:34.90  
146 Multi Exposure Auto Gain : Off  
147 Multi Exposure Mode : Off  
148 Multi Exposure Shots : 0  
149 Multi Exposure Version : 0100  
150 NEF Compression : Lossy (type 2)  
151 NEF Linearization Table : (Binary data 624 bytes, use -b option to extract)  
152 Noise Reduction : Off  
153 Orientation : Horizontal (normal)  
154 Phase Detect AF : On (11-point)  
155 Photometric Interpretation : RGB  
156 Picture Control Adjust : Default Settings  
157 Picture Control Base : Standard  
158 Picture Control Name : Standard  
159 Picture Control Quick Adjust : n/a  
160 Picture Control Version : 0100  
161 Planar Configuration : Chunky  
162 Power Up Time : 2022:09:02 22:00:09  
163 Preview Image Length : 0  
164 Preview Image Start : 22318  
165 Primary AF Point : Center  
166 Program Shift : 0  
167 Quality : RAW  
168 Raw Image Center : 3040 2006  
169 Red Balance : 1.566406  
170 Reference Black White : 0 255 0 255 0 255  
171 Resolution Unit : inches  
172 Retouch History : None  
173 Retouch Info Version : 0200  
174 Retouch NEF Processing : Off  
175 Samples Per Pixel : 1  
176 Saturation : Normal  
177 Scale Factor To 35 mm Equivalent: 1.5  
178 Scene Capture Type : Standard  
179 Scene Type : Directly photographed  
180 Sensing Method : One-chip color area  
181 Sensitivity Type : Recommended Exposure Index  
182 Serial Number : 3196964  
183 Sharpness : Normal  
184 Shooting Mode : Single-Frame  
185 Shot Info Version : 0224  
186 Shutter Count : 45125  
187 Shutter Speed : 1/15  
188 Silent Photography : Off  
189 Software : Zoner Photo Studio X  
190 Sub Sec Time : 90  
191 Sub Sec Time Digitized : 90  
192 Sub Sec Time Original : 90  
193 Subject Distance Range : Unknown  
194 Thumbnail Image : (Binary data 11711 bytes, use -b option to extract)  
195 Thumbnail Length : 11711  
196 Thumbnail Offset : 22636  
197 Time Zone : -08:00  
198 Toning Effect : n/a  
199 Toning Saturation : n/a  
200 User Comment : Copyright (c) 2023 by Bob Blaylock  
201 Vari Program : Auto(Flash Off)  
202 Vibration Reduction : On  
203 VR Info Version : 0100  
204 VR Mode : Normal  
205 WB GRBG Levels : 256 401 451 256  
206 WB RB Levels : 1.56640625 1.76171875 1 1  
207 White Balance : Auto

208	White Balance Fine Tune	: 0 0
209	X Resolution	: 299.9993896
210	XMP Toolkit	: XMP Core 6.0.0
211	Y Cb Cr Positioning	: Centered
212	Y Cb Cr Sub Sampling	: YCbCr4:2:0 (2 2)
213	Y Resolution	: 299.9993896
214		