

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
([How to use](#))

## Some of my other stuff

· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL: URL of image on the web

OR...

File:  No file selected.

I'm not a robot

reCAPTCHA  
[Privacy](#) · [Terms](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.






, or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2059.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 800
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:48:56AM (timezone not specified) (11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago, assuming image timezone of US Pacific)
File:	<b>5,984 × 3,366</b> JPEG ( <b>20.1</b> megapixels) 6,601,241 bytes (6.3 megabytes)

     Extracted **160 × 120** 5.4-kilobyte

“EXIF:ThumbnailImage” JPG

Displayed here at 200% ( $1/262$  the area of the original)

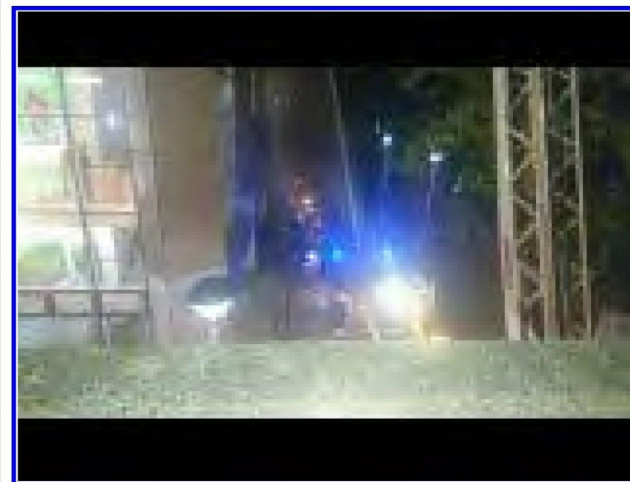
**Note: thumbnail size does not match image size —  
image crop not reflected in thumbnail?**




Color  
Encoding:

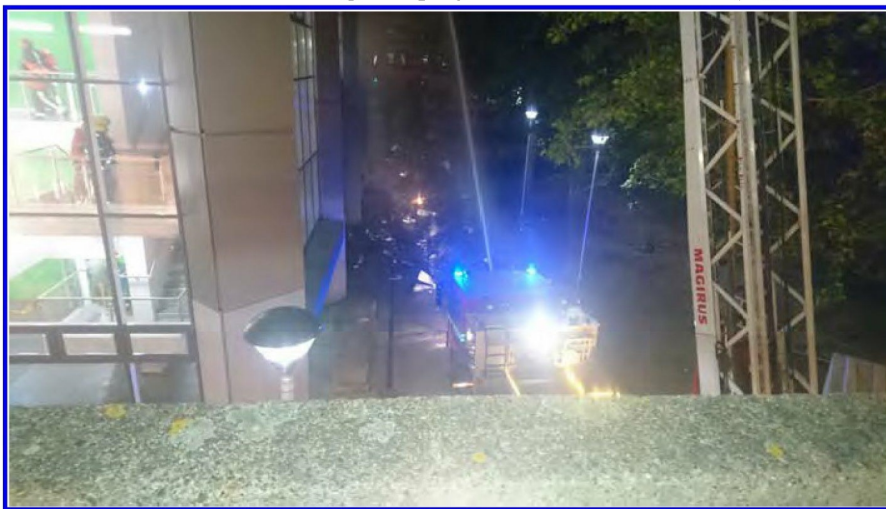
**WARNING:** Color space tagged as sRGB, without an embedded color profile. **Windows and Mac browsers and apps treat the colors randomly.**

Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my [Introduction to Digital-Image Color Spaces](#) for more information.



Click image to isolate; click this text to show histogram

 Main JPG image displayed here at 8% width ( $1/177$  the area of the original)



Click image to isolate; click this text to show histogram

Here's the full data:

## EXIF

Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:48:56 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:48:56 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago

Create Date	<b>2017:06:14</b> 01:48:56 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Components Configuration	Y, Cb, Cr, -
Exif Image Size	5,984 × 3,366
Make	Sony
ISO	800
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	790,056
Sub Sec Time Original	790,056
Sub Sec Time Digitized	790,056
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto

Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	5,528
Thumbnail Image	(5,528 bytes binary data)

## MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:48:56%00@%0d`%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:48:56 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0

Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 0a 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0 86 04 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	3f 06 00 00 78 9c ed d6 6b 6c 14 55 18 06 e0 77 76 76 bb dd [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8

Color Components	3
File Size	6.3 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

## Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

Aperture	2.00
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:48:56.790056 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:48:56.790056 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Modify Date	<b>2017:06:14</b> 01:48:56.790056 11 months, 7 days, 2 hours, 47 minutes, 13 seconds ago
Light Value	4.0
Focal Length	4.2 mm

## ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.



Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

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(How to use)

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URL:  
  
or...  
File:



I'm not a robot







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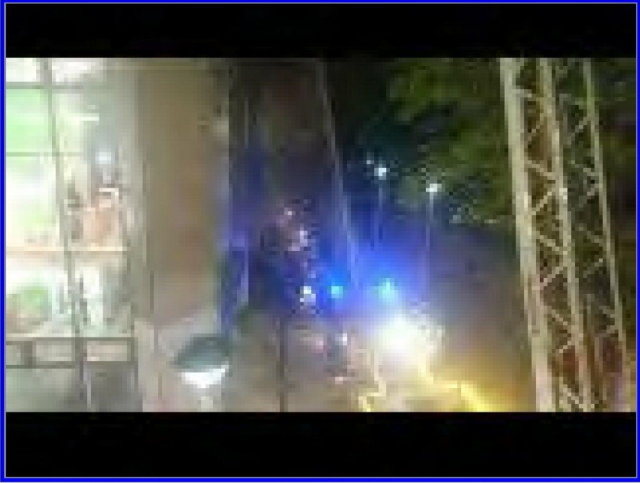
If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2060.JPG

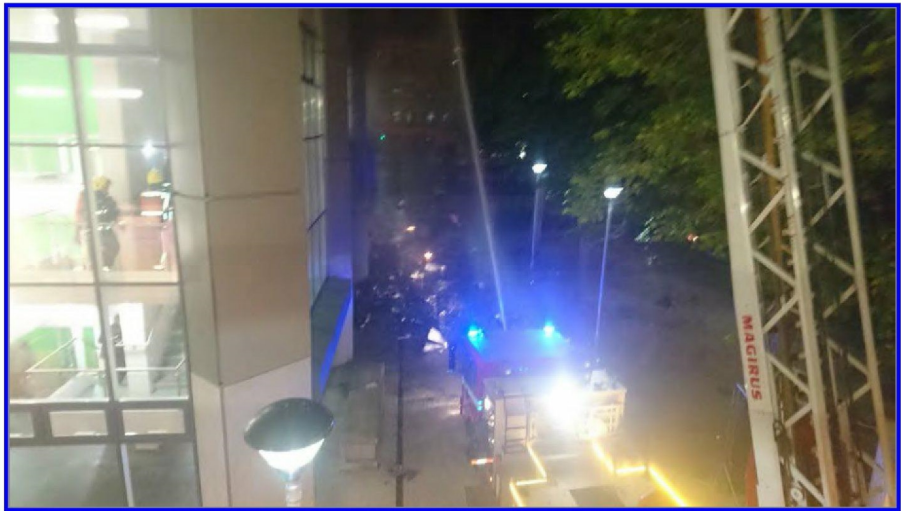
Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/25 sec, f/2, ISO 800
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:00AM (timezone not specified) (11 months, 7 days, 9 hours, 56 minutes, 52 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.4" North, 0° 12' 55.5" West</b> ( 51.513724, -0.215426 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 85 meters (279 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 5,483,795 bytes (5.2 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 5.5-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

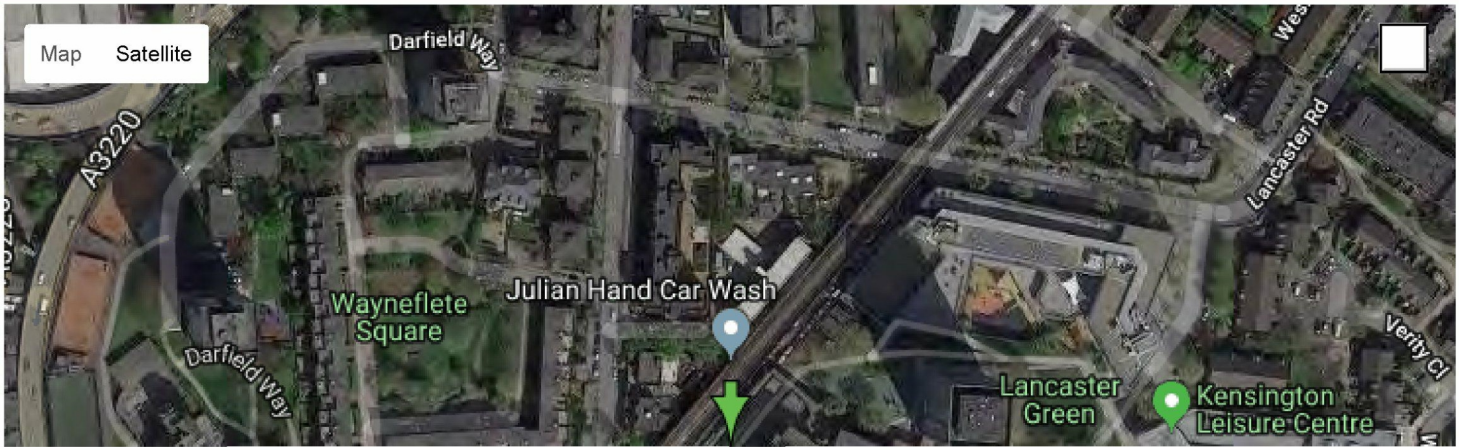


Click image to isolate; click this text to show histogram

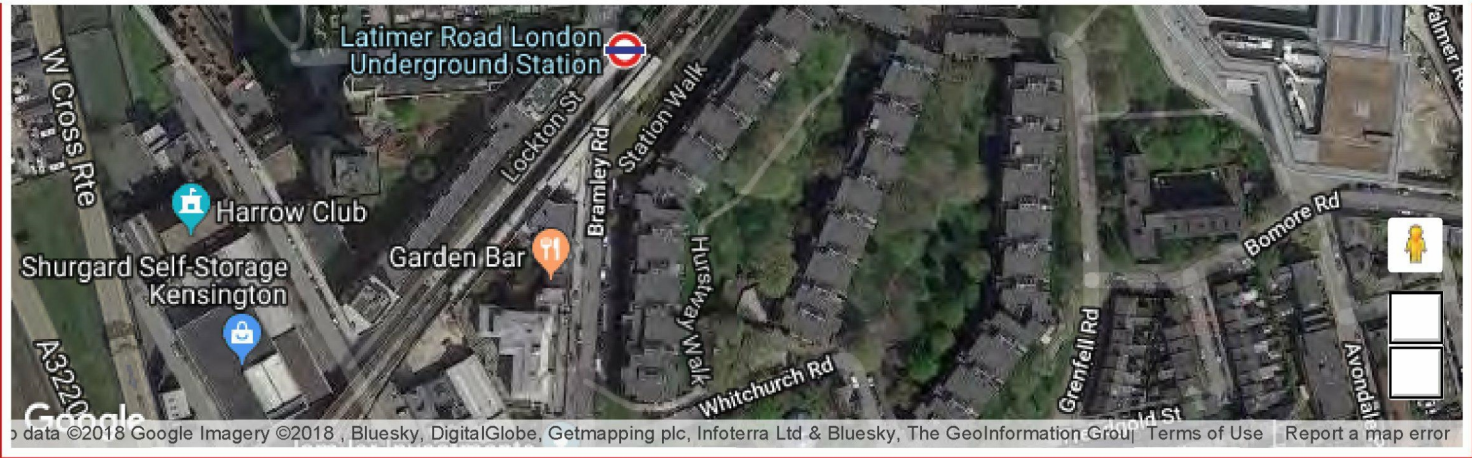
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:00 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/25
F Number	2.00
ISO	800
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:00 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Create Date	<b>2017:06:14</b> 01:49:00 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/25
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	132,436
Sub Sec Time Original	132,436

Sub Sec Time Digitized	132,436
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513724 degrees
GPS Longitude Ref	West
GPS Longitude	0.215426 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	85 m
GPS Time Stamp	00:48:54
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 4 hours, 45 minutes, 53 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	5,619
Thumbnail Image	(5,619 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:00%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94



Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:00 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 0a 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 69 0f 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	1a 08 00 00 78 9c ed d7 6d 70 54 67 19 06 e0 fb ec 26 fb 19 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	5.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513724 degrees N
GPS Longitude	0.215426 degrees W
GPS Altitude	85 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:48:54Z</b> 11 months, 7 days, 10 hours, 56 minutes, 59 seconds ago
GPS Position	51.513724 degrees N, 0.215426 degrees W
Megapixels	20.1
Shutter Speed	1/25
Create Date	<b>2017:06:14 01:49:00.132436</b> 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Date/Time Original	<b>2017:06:14 01:49:00.132436</b> 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Modify Date	<b>2017:06:14 01:49:00.132436</b> 11 months, 7 days, 2 hours, 56 minutes, 53 seconds ago
Light Value	3.6
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
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(How to use)

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· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot



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If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2061.JPG





Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 800
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:02AM (timezone not specified) (11 months, 7 days, 10 hours, 2 minutes, 39 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.4" North, 0° 12' 55.5" West</b> ( 51.513724, -0.215426 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 85 meters (279 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 5,405,332 bytes (5.2 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.



    Extracted 160 × 120 5.3-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

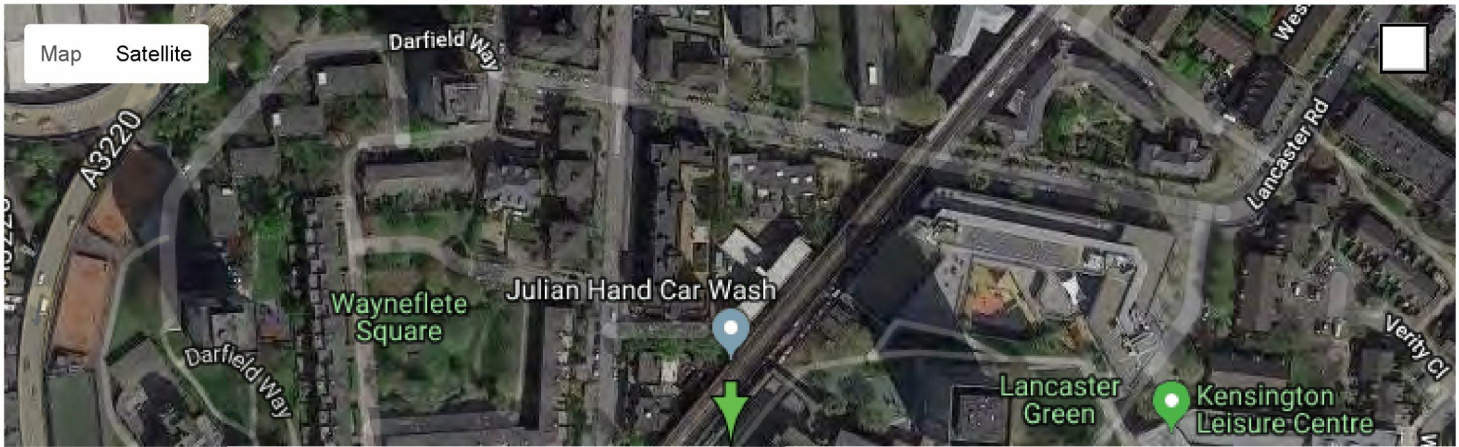


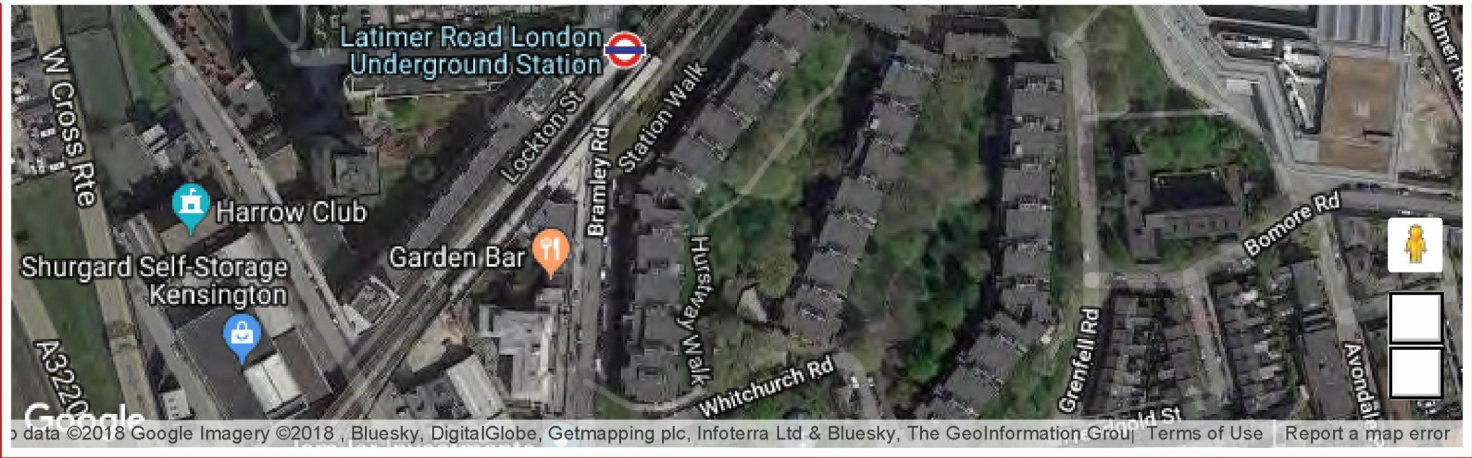
Click image to isolate; click this text to show histogram

    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram





Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:02 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	800
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:02 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Create Date	<b>2017:06:14</b> 01:49:02 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	952,917
Sub Sec Time Original	952,917



Sub Sec Time Digitized	952,917
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513724 degrees
GPS Longitude Ref	West
GPS Longitude	0.215426 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	85 m
GPS Time Stamp	00:48:54
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 4 hours, 51 minutes, 41 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	5,385
Thumbnail Image	(5,385 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:02%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:02 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 0a 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 6a 08 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	fa 07 00 00 78 9c ed d6 7d 70 54 57 19 06 f0 e7 ec 67 1a 92 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	5.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513724 degrees N
GPS Longitude	0.215426 degrees W
GPS Altitude	85 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:48:54Z</b> 11 months, 7 days, 11 hours, 2 minutes, 47 seconds ago
GPS Position	51.513724 degrees N, 0.215426 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14 01:49:02.952917</b> 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Date/Time Original	<b>2017:06:14 01:49:02.952917</b> 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Modify Date	<b>2017:06:14 01:49:02.952917</b> 11 months, 7 days, 3 hours, 2 minutes, 39 seconds ago
Light Value	4.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

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- [“Photo Tech”](#)

URL:

URL of image on the web

or...

File:



I'm not a robot



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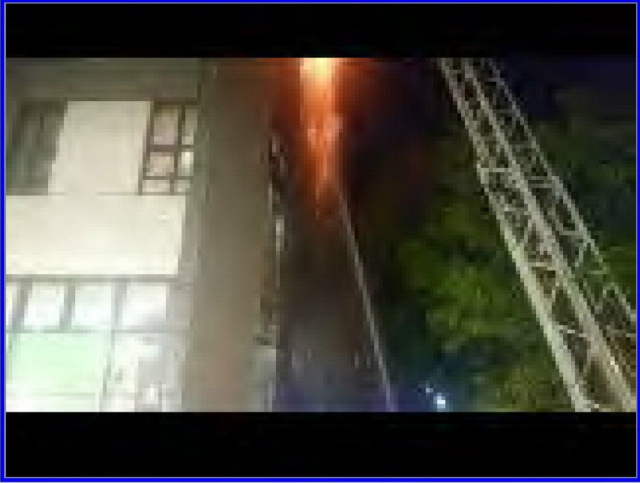
## Basic Image Information

Target file: DSC\_2062.JPG





Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/20 sec, f/2, ISO 800
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:06AM (timezone not specified) (11 months, 7 days, 10 hours, 4 minutes, 47 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.4" North, 0° 12' 55.5" West</b> ( 51.513724, -0.215426 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 85 meters (279 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 5,132,442 bytes (4.9 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.



    Extracted 160 × 120 4.9-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

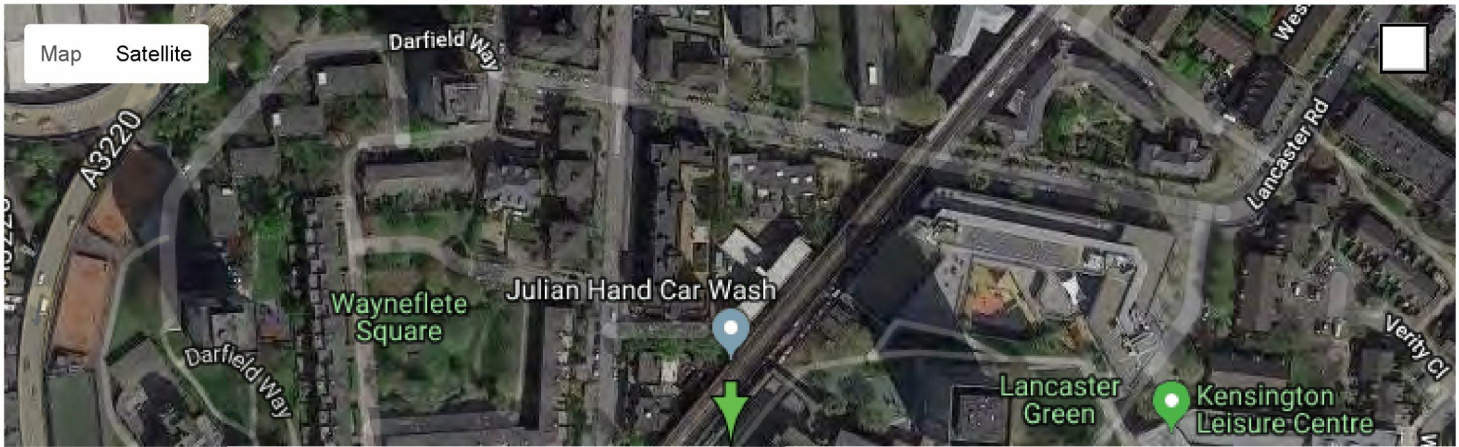


Click image to isolate; click this text to show histogram

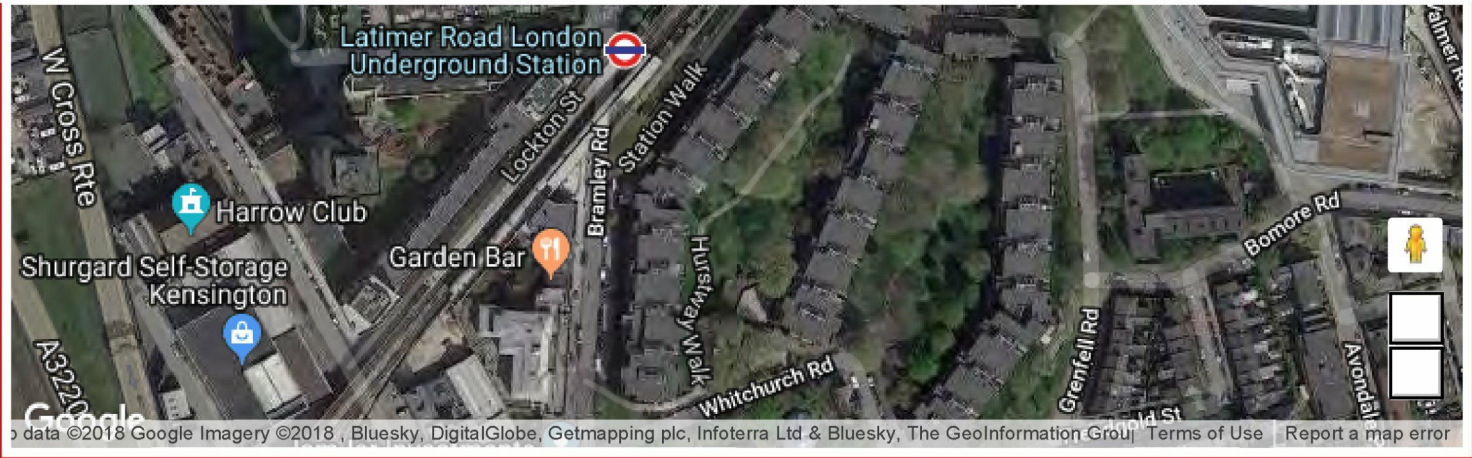
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:06 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/20
F Number	2.00
ISO	800
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:06 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Create Date	<b>2017:06:14</b> 01:49:06 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/20
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	571,082
Sub Sec Time Original	571,082

Sub Sec Time Digitized	571,082
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513724 degrees
GPS Longitude Ref	West
GPS Longitude	0.215426 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	85 m
GPS Time Stamp	00:48:54
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 4 hours, 53 minutes, 53 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	5,057
Thumbnail Image	(5,057 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:06%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:06 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 0a 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 6a 08 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	bd 09 00 00 78 9c ed 9b 7b 70 54 e5 19 c6 9f b3 7b f6 4a 12 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.9 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513724 degrees N
GPS Longitude	0.215426 degrees W
GPS Altitude	85 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:48:54Z</b> 11 months, 7 days, 11 hours, 4 minutes, 59 seconds ago
GPS Position	51.513724 degrees N, 0.215426 degrees W
Megapixels	20.1
Shutter Speed	1/20
Create Date	<b>2017:06:14 01:49:06.571082</b> 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Date/Time Original	<b>2017:06:14 01:49:06.571082</b> 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Modify Date	<b>2017:06:14 01:49:06.571082</b> 11 months, 7 days, 3 hours, 4 minutes, 47 seconds ago
Light Value	3.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot







This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

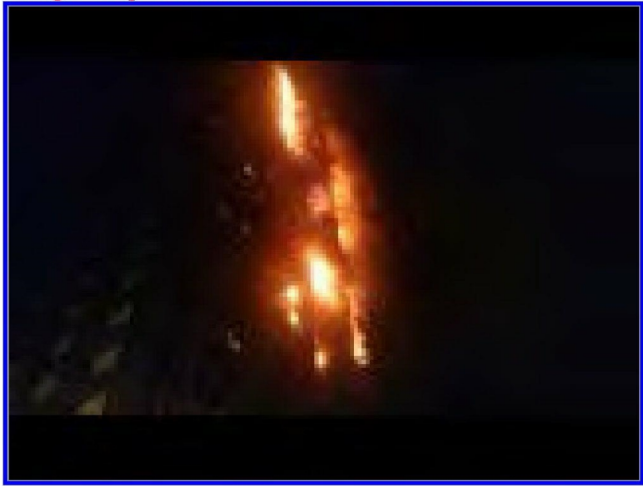
If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2063.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /32 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:20AM (timezone not specified) (11 months, 7 days, 10 hours, 6 minutes, 44 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.4" North, 0° 12' 55.5" West</b> ( 51.513724, -0.215426 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 85 meters (279 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 3,122,320 bytes (3.0 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 2.9-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

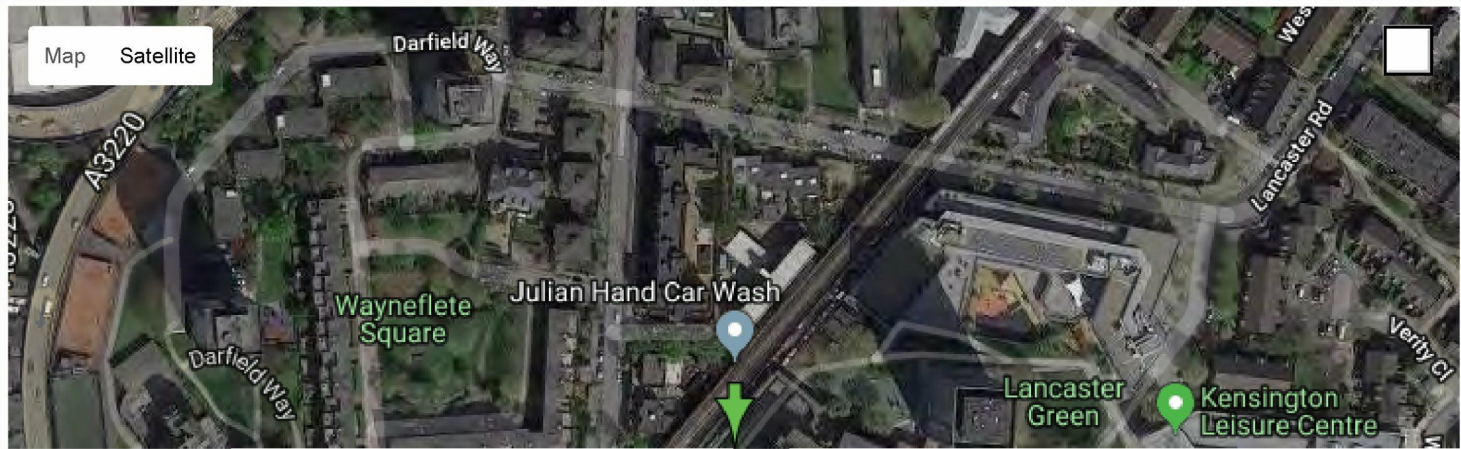


Click image to isolate; click this text to show histogram

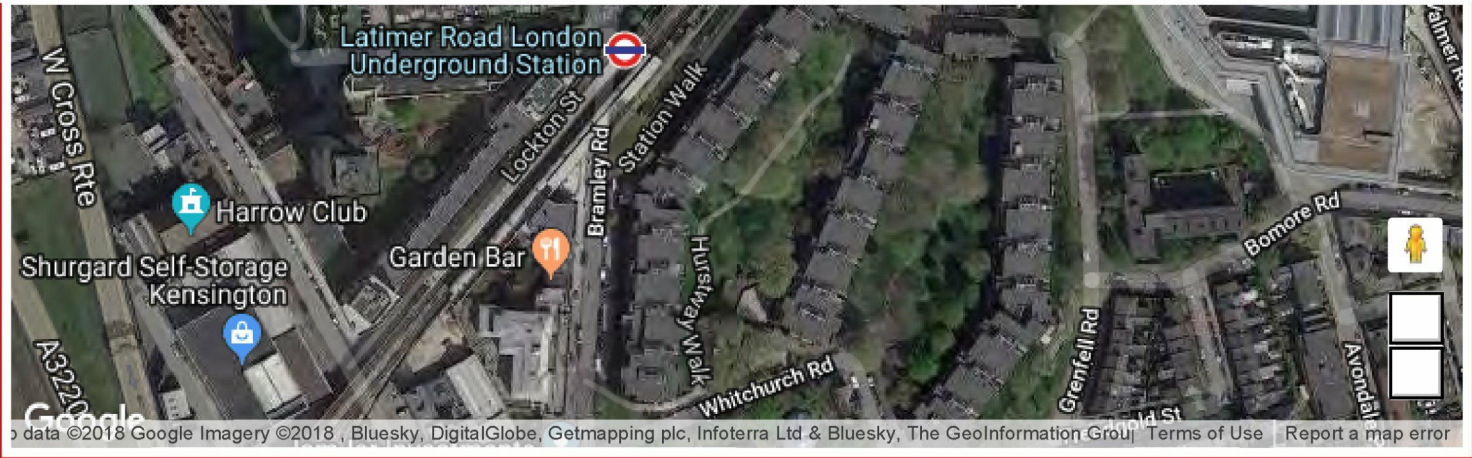
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:20 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:20 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Create Date	<b>2017:06:14</b> 01:49:20 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	023,568
Sub Sec Time Original	023,568

Sub Sec Time Digitized	023,568
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513724 degrees
GPS Longitude Ref	West
GPS Longitude	0.215426 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	85 m
GPS Time Stamp	00:48:54
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 4 hours, 56 minutes, 4 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	2,941
Thumbnail Image	(2,941 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:20%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94



Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:20 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 61 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	a7 06 00 00 78 9c ed d7 7f 6c 55 e5 1d c7 f1 ef b9 b7 bd 6d [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.0 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513724 degrees N
GPS Longitude	0.215426 degrees W
GPS Altitude	85 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:48:54Z</b> 11 months, 7 days, 11 hours, 7 minutes, 10 seconds ago
GPS Position	51.513724 degrees N, 0.215426 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14 01:49:20.023568</b> 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Date/Time Original	<b>2017:06:14 01:49:20.023568</b> 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Modify Date	<b>2017:06:14 01:49:20.023568</b> 11 months, 7 days, 3 hours, 6 minutes, 44 seconds ago
Light Value	5.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot







This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2064.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/25 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:24AM (timezone not specified) (11 months, 7 days, 10 hours, 8 minutes, 27 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.4" North, 0° 12' 55.5" West</b> ( 51.513724, -0.215426 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 85 meters (279 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 3,382,660 bytes (3.2 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 3.0-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

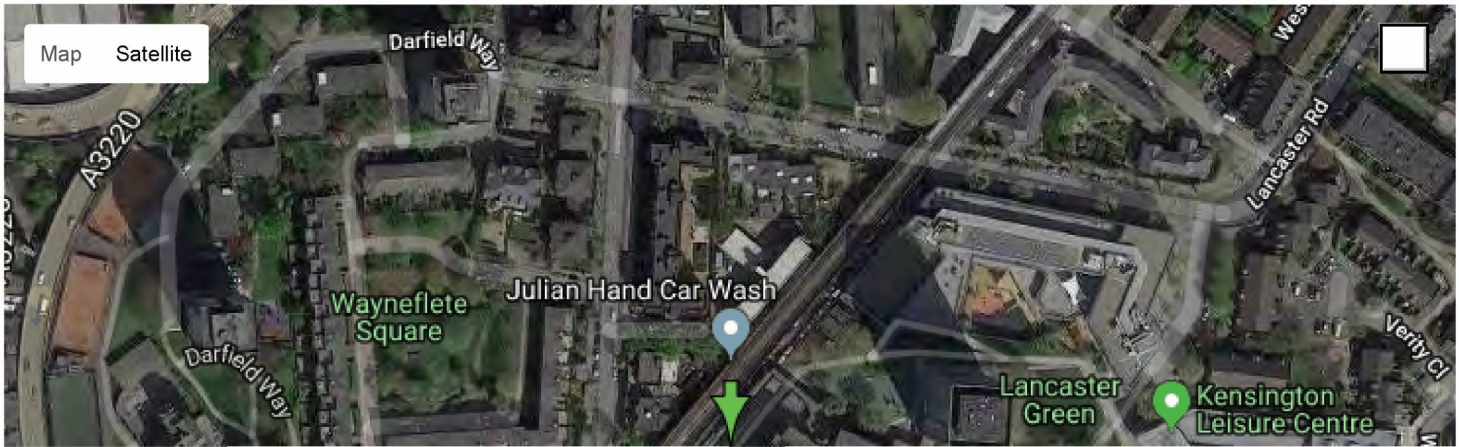


Click image to isolate; click this text to show histogram

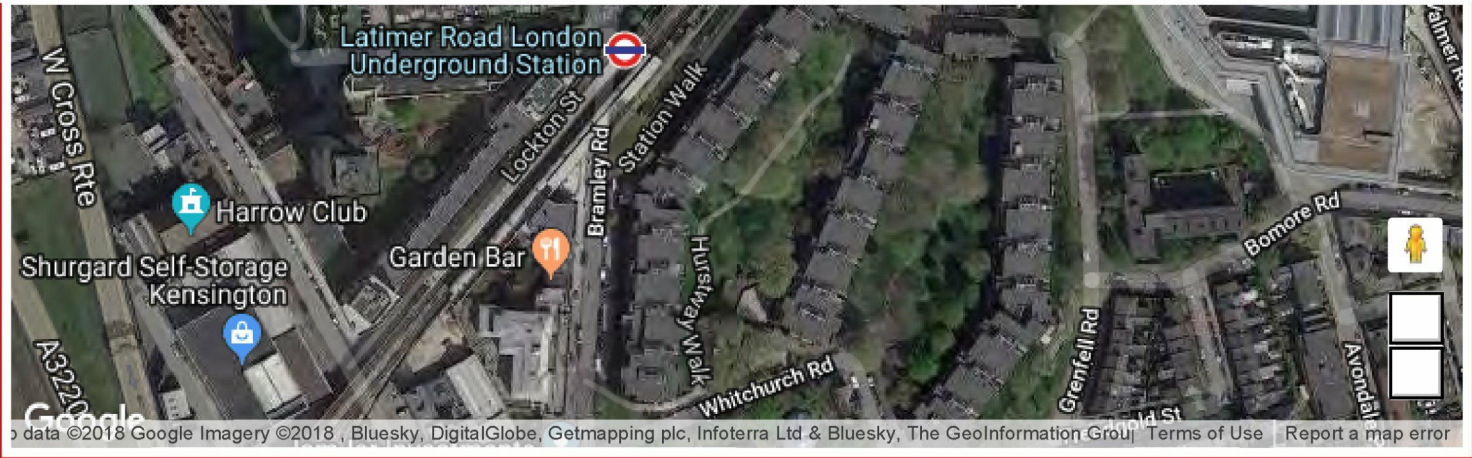
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:24 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/25
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:24 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Create Date	<b>2017:06:14</b> 01:49:24 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/25
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	435,246
Sub Sec Time Original	435,246

Sub Sec Time Digitized	435,246
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513724 degrees
GPS Longitude Ref	West
GPS Longitude	0.215426 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	85 m
GPS Time Stamp	00:48:54
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 4 hours, 57 minutes, 51 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,027
Thumbnail Image	(3,027 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:24%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:24 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	b1 05 00 00 78 9c ed d7 7d 68 55 65 1c c0 f1 df b9 bb f7 6e [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513724 degrees N
GPS Longitude	0.215426 degrees W
GPS Altitude	85 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:48:54Z</b> 11 months, 7 days, 11 hours, 8 minutes, 57 seconds ago
GPS Position	51.513724 degrees N, 0.215426 degrees W
Megapixels	20.1
Shutter Speed	1/25
Create Date	<b>2017:06:14 01:49:24.435246</b> 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Date/Time Original	<b>2017:06:14 01:49:24.435246</b> 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Modify Date	<b>2017:06:14 01:49:24.435246</b> 11 months, 7 days, 3 hours, 8 minutes, 27 seconds ago
Light Value	4.6
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff

- [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)
- [“Photo Tech”](#)

URL:

URL of image on the web

or...

File:



I'm not a robot



View Image Data

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: [REDACTED]), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

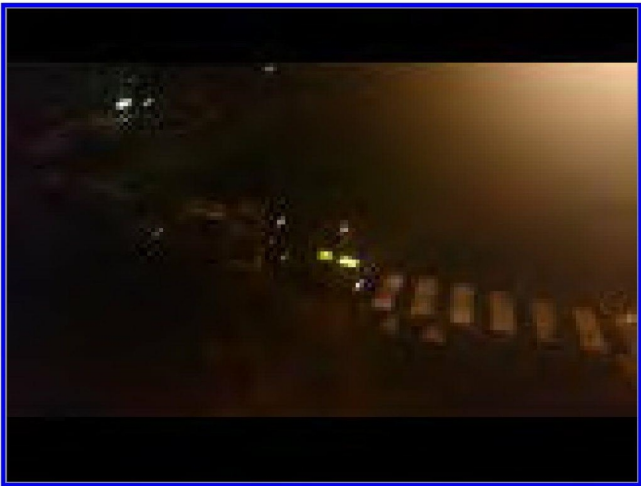
Target file: DSC\_2065.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:40AM (timezone not specified) (11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago, assuming image timezone of US Pacific)
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 3,419,664 bytes (3.3 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b></div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted **160 × 120** 2.9-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% ( $\frac{1}{262}$  the area of the original)

**Note:** thumbnail size does not match image size —  
image crop not reflected in thumbnail?



Click image to isolate; click this text to show histogram



Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram

Here's the full data:

EXIF

Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:40 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:40 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago

Create Date	2017:06:14 01:49:40 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Components Configuration	Y, Cb, Cr, -
Exif Image Size	5,984 × 3,366
Make	Sony
ISO	400
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	400,364
Sub Sec Time Original	400,364
Sub Sec Time Digitized	400,364
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	2,995
Thumbnail Image	(2,995 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:40%00@%0d`%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0

Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:40 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 40 a9 00 00 00 63 01 00 80 f1 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	5f 06 00 00 78 9c ed db 7f 4c 94 75 1c 07 f0 f7 73 cf f3 1c [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.3 MB
File Type Extension	jpg



Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

Aperture	2.00
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:49:40.400364 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:49:40.400364 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Modify Date	<b>2017:06:14</b> 01:49:40.400364 11 months, 7 days, 3 hours, 9 minutes, 52 seconds ago
Light Value	5.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot







This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

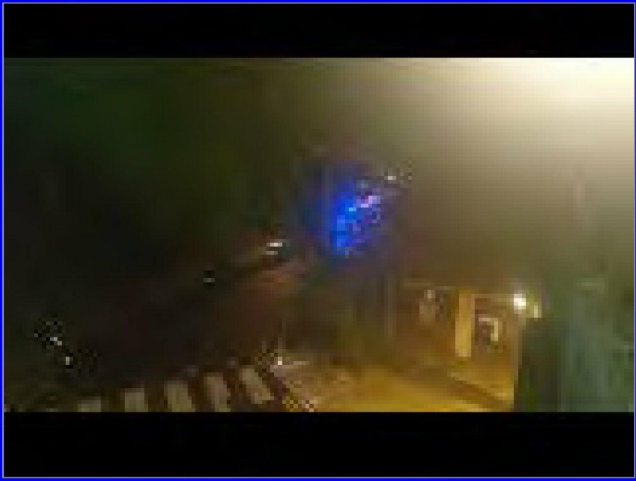
If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2066.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /16 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:43AM (timezone not specified) (11 months, 7 days, 10 hours, 11 minutes, 31 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.9" North, 0° 12' 55.2" West</b> ( 51.513863, -0.215324 )  Location guessed from coordinates: <i>201 Grenfell Rd, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 103 meters (338 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 4,414,827 bytes (4.2 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 3.5-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

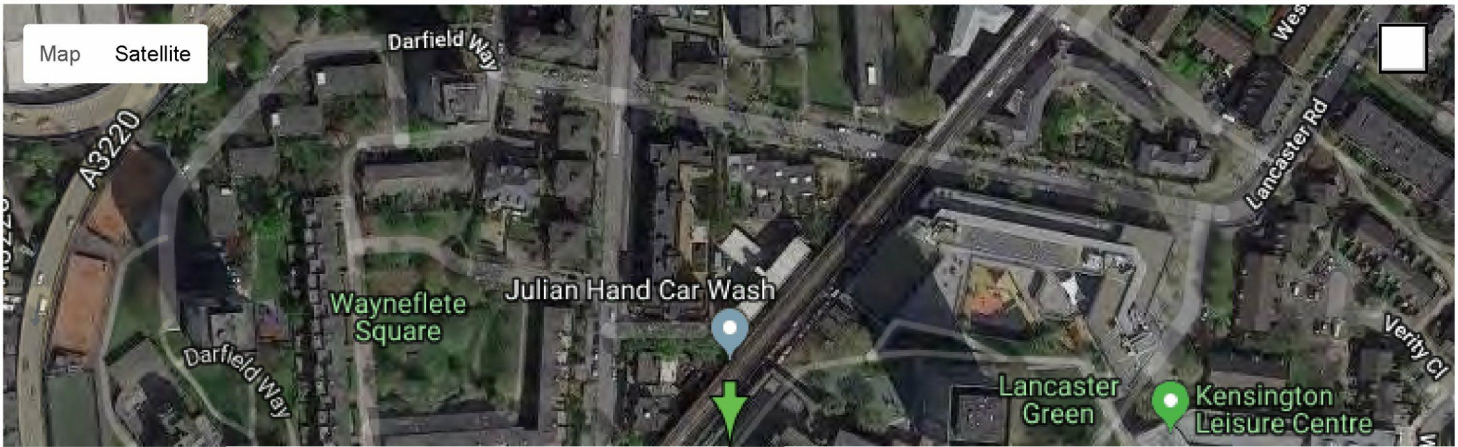


Click image to isolate; click this text to show histogram

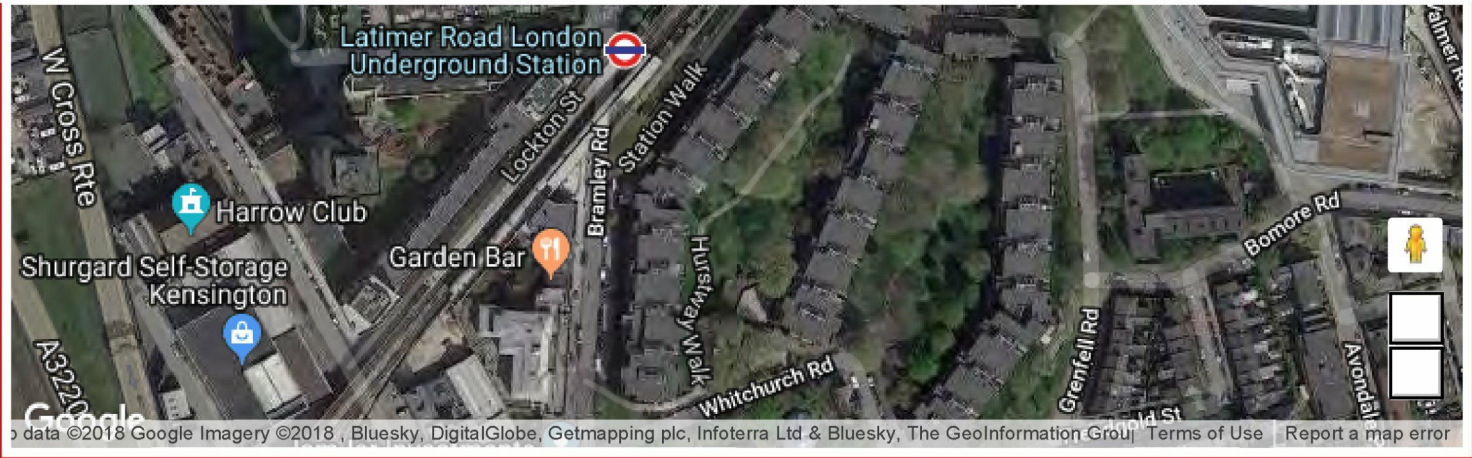
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Create Date	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	090,874
Sub Sec Time Original	090,874



Sub Sec Time Digitized	090,874
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513863 degrees
GPS Longitude Ref	West
GPS Longitude	0.215324 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	103 m
GPS Time Stamp	00:49:39
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 1 minute, 14 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,546
Thumbnail Image	(3,546 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:43%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	81 08 00 00 78 9c ed db 7d 70 54 d5 19 06 f0 e7 7e ec ee bd [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513863 degrees N
GPS Longitude	0.215324 degrees W
GPS Altitude	103 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:49:39Z</b> 11 months, 7 days, 11 hours, 11 minutes, 35 seconds ago
GPS Position	51.513863 degrees N, 0.215324 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Date/Time Original	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Modify Date	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Light Value	4.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
OR...  
File:

 I'm not a robot

  
reCAPTCHA  
[Privacy](#) - [Terms](#)

[View Image Data](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.


If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2066.JPG


Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /16 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:49:43AM (timezone not specified) (11 months, 7 days, 10 hours, 11 minutes, 31 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.9" North, 0° 12' 55.2" West</b> ( 51.513863, -0.215324 )  Location guessed from coordinates: <i>201 Grenfell Rd, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 103 meters (338 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 4,414,827 bytes (4.2 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.



 **1:1** Extracted **160 × 120** 3.5-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

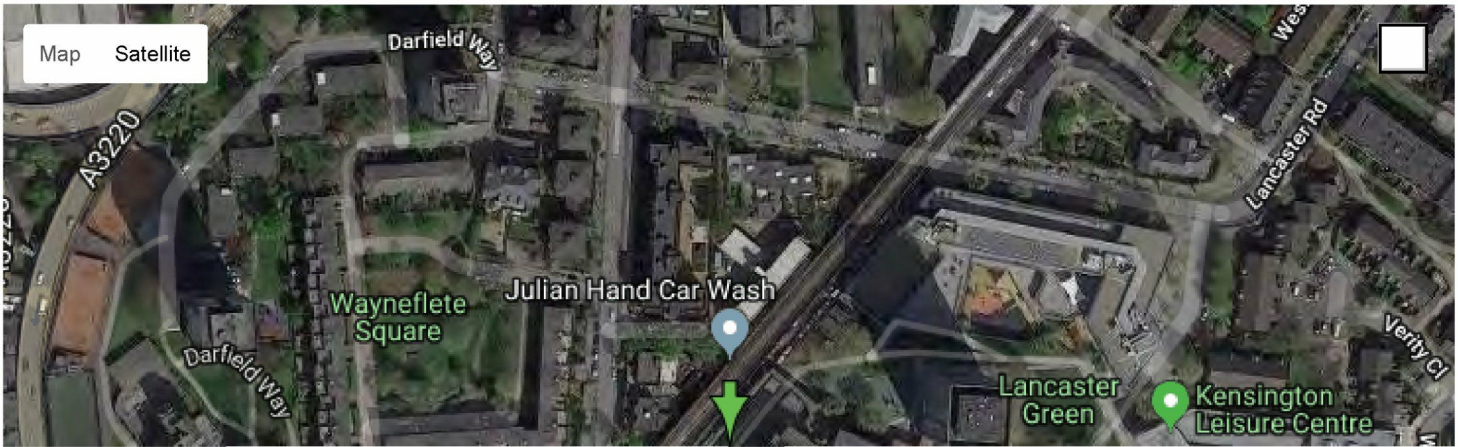


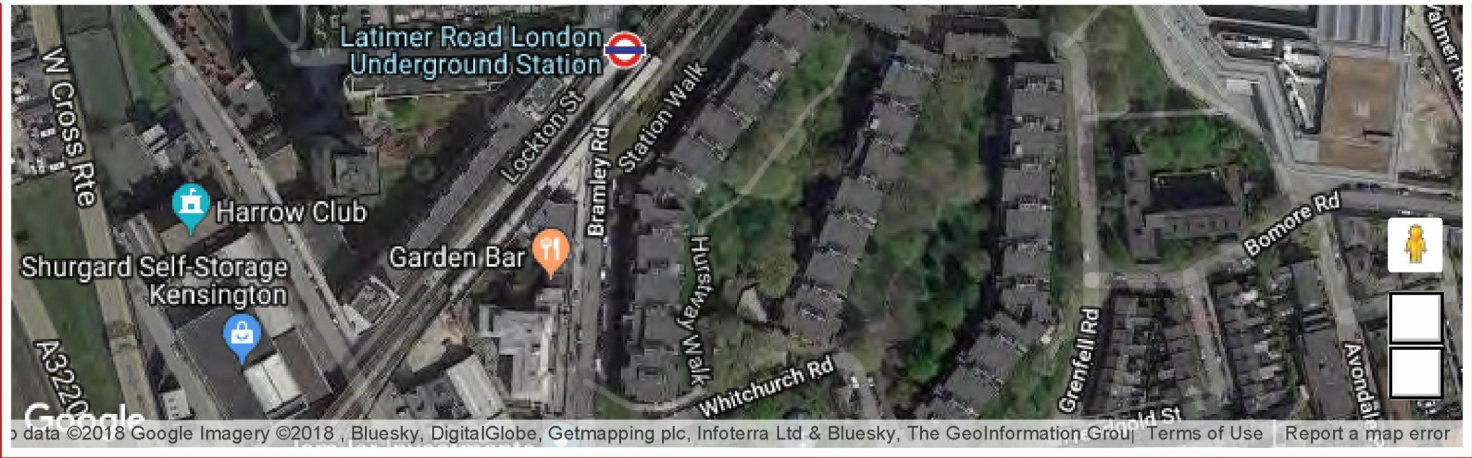
Click image to isolate; click this text to show histogram

 **1:1** Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram





Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Create Date	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	090,874
Sub Sec Time Original	090,874

Sub Sec Time Digitized	090,874
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513863 degrees
GPS Longitude Ref	West
GPS Longitude	0.215324 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	103 m
GPS Time Stamp	00:49:39
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 1 minute, 14 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,546
Thumbnail Image	(3,546 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:49:43%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94



Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:49:43 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	81 08 00 00 78 9c ed db 7d 70 54 d5 19 06 f0 e7 7e ec ee bd [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)



Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513863 degrees N
GPS Longitude	0.215324 degrees W
GPS Altitude	103 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:49:39Z</b> 11 months, 7 days, 11 hours, 11 minutes, 35 seconds ago
GPS Position	51.513863 degrees N, 0.215324 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Date/Time Original	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Modify Date	<b>2017:06:14 01:49:43.090874</b> 11 months, 7 days, 3 hours, 11 minutes, 31 seconds ago
Light Value	4.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot







This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2068.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /16 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:52:30AM (timezone not specified) (11 months, 7 days, 10 hours, 11 minutes, 57 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 49.2" North, 0° 12' 56.6" West</b> ( 51.513659, -0.215727 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 0 meters (0 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 4,141,455 bytes (3.9 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 3.8-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

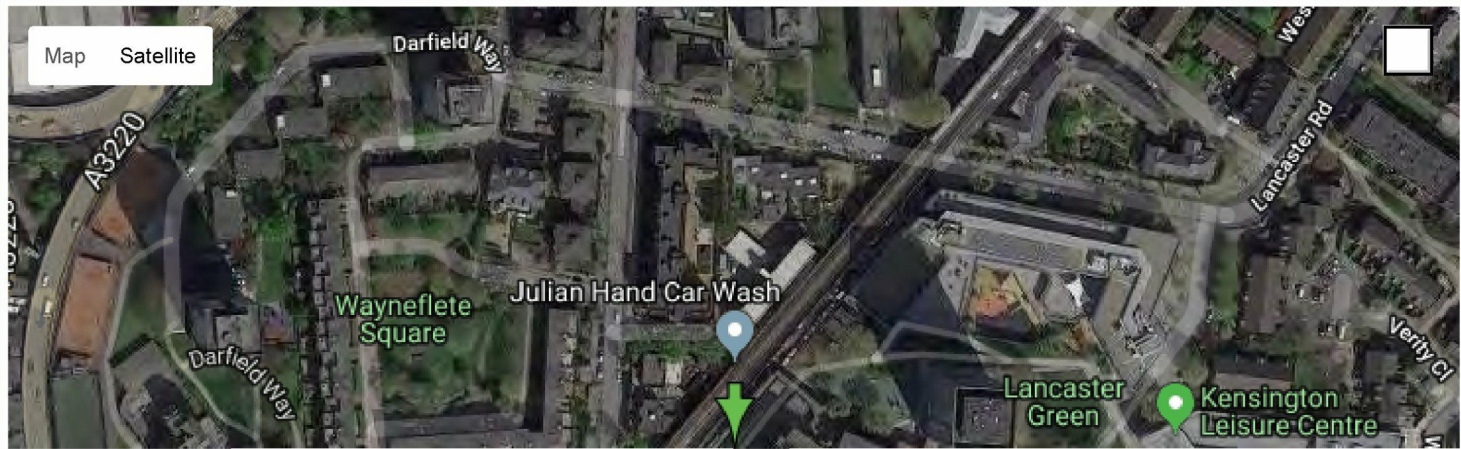


Click image to isolate; click this text to show histogram

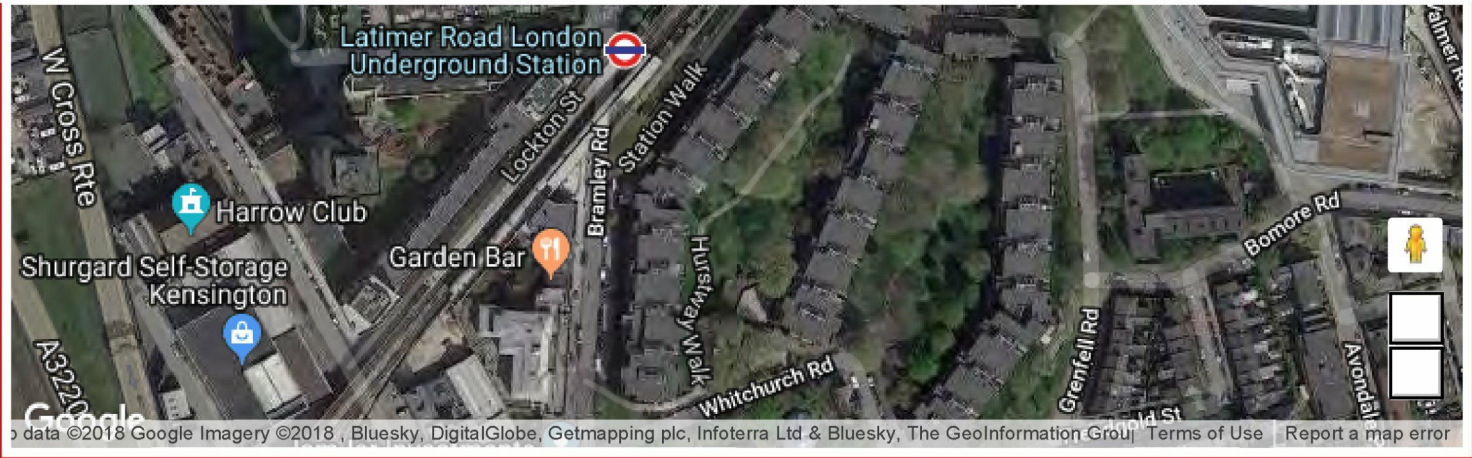
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:52:30 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:52:30 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Create Date	<b>2017:06:14</b> 01:52:30 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	377,857
Sub Sec Time Original	377,857



Sub Sec Time Digitized	377,857
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513659 degrees
GPS Longitude Ref	West
GPS Longitude	0.215727 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	0 m
GPS Time Stamp	00:52:22
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 4 minutes, 27 seconds ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	3,940
Thumbnail Image	(3,940 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:52:30%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14 01:52:30</b> 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	d1 05 00 00 78 9c ed d6 79 6c 14 75 14 c0 f1 37 d3 a5 ad 54 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.9 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513659 degrees N
GPS Longitude	0.215727 degrees W
GPS Altitude	0 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:52:22Z</b> 11 months, 7 days, 11 hours, 12 minutes, 5 seconds ago
GPS Position	51.513659 degrees N, 0.215727 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14 01:52:30.377857</b> 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Date/Time Original	<b>2017:06:14 01:52:30.377857</b> 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Modify Date	<b>2017:06:14 01:52:30.377857</b> 11 months, 7 days, 3 hours, 11 minutes, 57 seconds ago
Light Value	4.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot



This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.





If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2072.JPG





Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /16 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:57:16AM (timezone not specified) (11 months, 7 days, 10 hours, 8 minutes, 36 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 50.7"</b> North, <b>0° 12' 56.2"</b> West ( 51.514096, -0.215625 )  Location guessed from coordinates: <i>Grenfell Tower, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 120 meters (394 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 3,420,804 bytes (3.3 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.



    Extracted 160 × 120 3.1-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

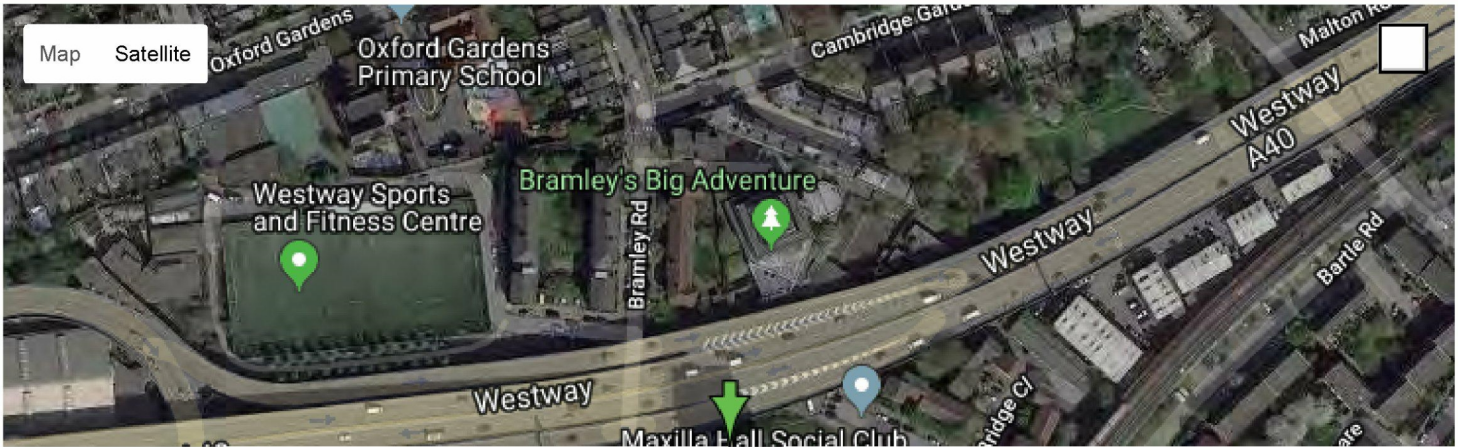


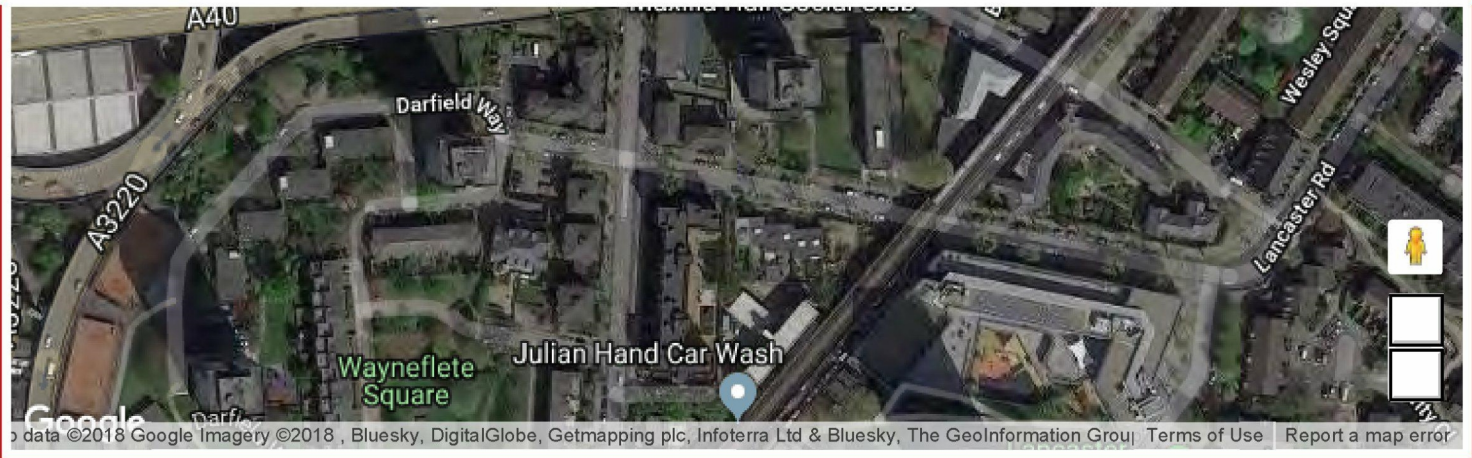
Click image to isolate; click this text to show histogram

    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram





Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:57:16 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:57:16 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Create Date	<b>2017:06:14</b> 01:57:16 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	638,883
Sub Sec Time Original	638,883

Sub Sec Time Digitized	638,883
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.514096 degrees
GPS Longitude Ref	West
GPS Longitude	0.215625 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	120 m
GPS Time Stamp	00:57:08
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 5 minutes, 52 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,147
Thumbnail Image	(3,147 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:57:16%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94



Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:57:16 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	1d 08 00 00 78 9c ed db 7b 70 54 d5 1d 07 f0 ef b9 af dd 10 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.3 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)



Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.514096 degrees N
GPS Longitude	0.215625 degrees W
GPS Altitude	120 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:57:08Z</b> 11 months, 7 days, 11 hours, 8 minutes, 44 seconds ago
GPS Position	51.514096 degrees N, 0.215625 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14 01:57:16.638883</b> 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Date/Time Original	<b>2017:06:14 01:57:16.638883</b> 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Modify Date	<b>2017:06:14 01:57:16.638883</b> 11 months, 7 days, 3 hours, 8 minutes, 36 seconds ago
Light Value	4.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
(How to use)

Some of my other stuff  
· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· [“Photo Tech”](#)

URL:  
  
or...  
File:



I'm not a robot







This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required. [Send a gift via PayPal](#), or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information





Target file: DSC\_2073.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, <sup>1</sup> /16 sec, f/2, ISO 640
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:57:24AM (timezone not specified) (11 months, 7 days, 10 hours, 9 minutes, 55 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 50.7" North, 0° 12' 56.2" West</b> ( 51.514096, -0.215625 )  Location guessed from coordinates: <i>Grenfell Tower, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 120 meters (394 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>5,984 × 3,366 JPEG (20.1 megapixels)</b> 3,710,769 bytes (3.5 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. <b>Windows and Mac browsers and apps treat the colors randomly.</b>  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

    Extracted 160 × 120 3.6-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% ( $\frac{1}{262}$  the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

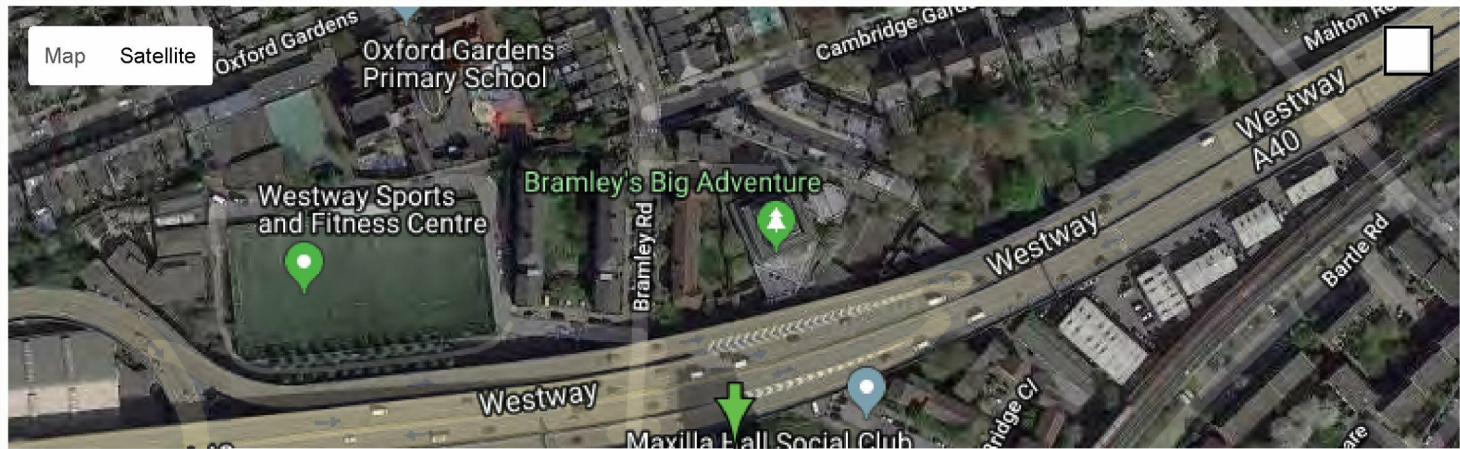


Click image to isolate; click this text to show histogram

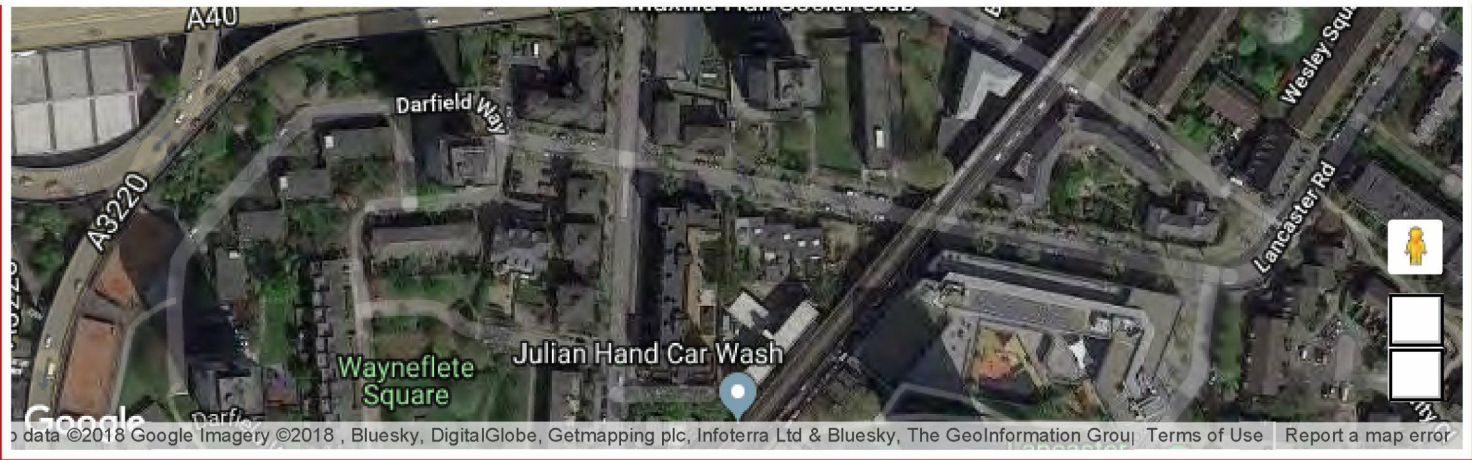
    Main JPG image displayed here at 8% width ( $\frac{1}{177}$  the area of the original)



Click image to isolate; click this text to show histogram







Here's the full data:

EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 01:57:24 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	640
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 01:57:24 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Create Date	<b>2017:06:14</b> 01:57:24 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	423,234
Sub Sec Time Original	423,234



Sub Sec Time Digitized	423,234
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.514096 degrees
GPS Longitude Ref	West
GPS Longitude	0.215625 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	120 m
GPS Time Stamp	00:57:08
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 7 minutes, 19 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,668
Thumbnail Image	(3,668 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:57:24%00@%0d`'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94

Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:57:24 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	24 08 00 00 78 9c ed db 7f 6c 94 f5 1d 07 f0 f7 f3 dc 73 d7 [...]

**File** — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.5 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.514096 degrees N
GPS Longitude	0.215625 degrees W
GPS Altitude	120 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:57:08Z</b> 11 months, 7 days, 11 hours, 10 minutes, 11 seconds ago
GPS Position	51.514096 degrees N, 0.215625 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14 01:57:24.423234</b> 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Date/Time Original	<b>2017:06:14 01:57:24.423234</b> 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Modify Date	<b>2017:06:14 01:57:24.423234</b> 11 months, 7 days, 3 hours, 9 minutes, 55 seconds ago
Light Value	3.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
---------	------------------------------

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2074.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 1000
Flash:	Auto, Fired
Date:	June 14, 2017 1:57:29AM (timezone not specified) (11 months, 7 days, 10 hours, 16 minutes, 21 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 50.7" North, 0° 12' 56.2" West ( 51.514096, -0.215625 ) <div>Location guessed from coordinates: <i>Grenfell Tower, London W11, UK</i></div> <div>Map via embedded coordinates at: <a href="#">Google</a>, <a href="#">Yahoo</a>, <a href="#">WikiMapia</a>, <a href="#">OpenStreetMap</a>, <a href="#">Bing</a> (also see the Google Maps pane below)</div> <div>Altitude: 120 meters (394 feet) Timezone guess from earthtools.org: <a href="#">GMT</a></div>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 4,537,095 bytes (4.3 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.4-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/26 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

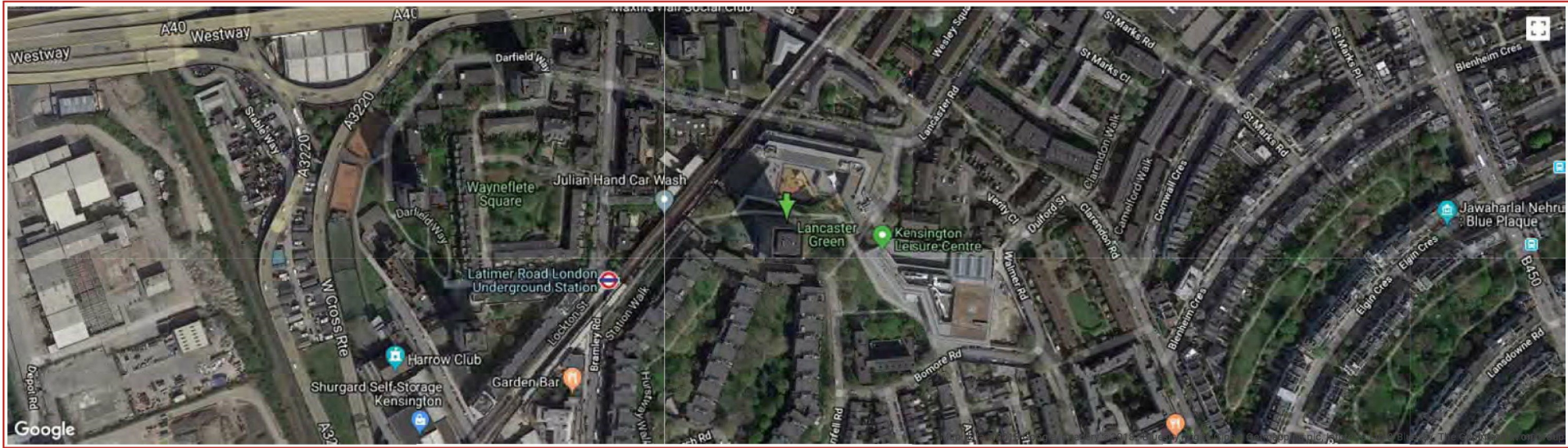


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 01:57:29 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	1,000
Exif Version	0220
Date/Time Original	2017:06:14 01:57:29 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Create Date	2017:06:14 01:57:29 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	712,678
Sub Sec Time Original	712,678
Sub Sec Time Digitized	712,678
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100



Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.514096 degrees
GPS Longitude Ref	West
GPS Longitude	0.215625 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	120 m
GPS Time Stamp	00:57:08
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 13 minutes, 50 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,512
Thumbnail Image	(4,512 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:57:29%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:57:29 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	45 06 00 00 78 9c ed d6 6b 6c 53 65 18 07 f0 ff e9 65 6b bb [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.3 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.514096 degrees N
GPS Longitude	0.215625 degrees W
GPS Altitude	120 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:08Z 11 months, 7 days, 11 hours, 16 minutes, 42 seconds ago
GPS Position	51.514096 degrees N, 0.215625 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 01:57:29.712678 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:57:29.712678 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Modify Date	<b>2017:06:14</b> 01:57:29.712678 11 months, 7 days, 3 hours, 16 minutes, 21 seconds ago
Light Value	2.7
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.

Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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reCAPTCHA  
[Privacy](#) · [Terms](#)

Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to ), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

Basic Image Information

Target file: DSC\_2075.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, f/2
Flash:	Auto, Fired
Date:	June 14, 2017 1:57:58AM (timezone not specified) (11 months, 7 days, 10 hours, 19 minutes, 48 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 50.7" North, 0° 12' 55.6" West ( 51.514085, -0.215457 )  Location guessed from coordinates: 201 Grenfell Rd, London W11, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 0 meters (0 feet) Timezone guess from earthtools.org: GMT
File:	5,984 × 3,366 JPEG (20.1 megapixels) 4,428,298 bytes (4.2 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 3.5-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/26 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

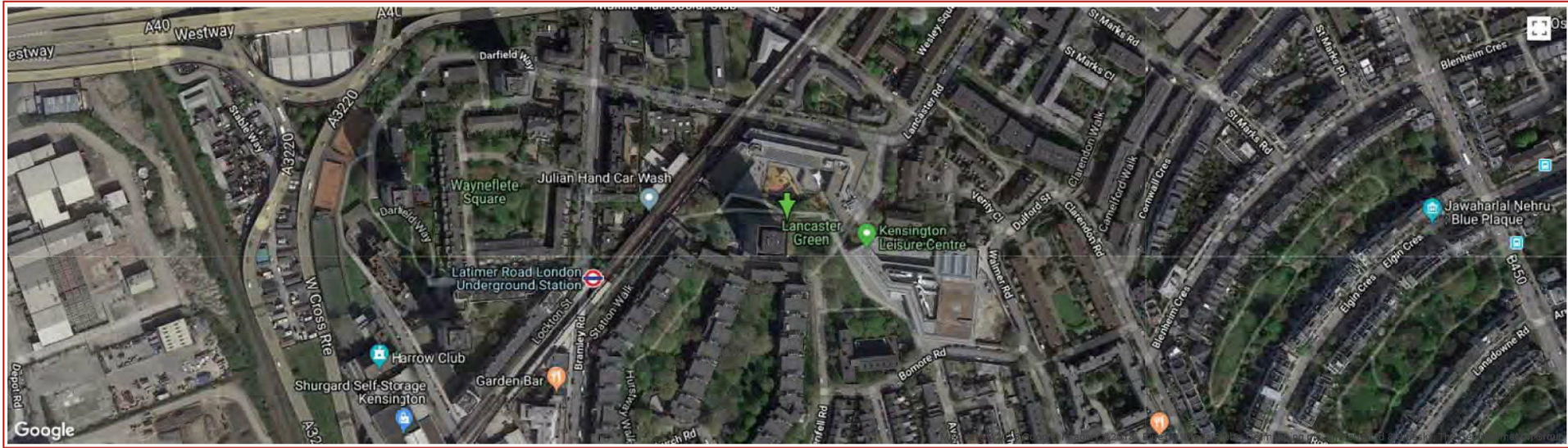


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 01:57:58 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	0
F Number	2.00
Exif Version	0220
Date/Time Original	2017:06:14 01:57:58 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Create Date	2017:06:14 01:57:58 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Components Configuration	Y, Cb, Cr, -
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	937,455
Sub Sec Time Original	937,455
Sub Sec Time Digitized	937,455
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100
Custom Rendered	Normal
Exposure Mode	Auto



White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.514085 degrees
GPS Longitude Ref	West
GPS Longitude	0.215457 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	0 m
GPS Time Stamp	00:57:56
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 17 minutes, 46 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,559
Thumbnail Image	(3,559 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	HN%00%00%012017:06:14 01:57:58%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14 01:57:58</b> 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	2f 06 00 00 78 9c ed d7 5b 6e 14 75 14 c7 f1 33 33 dd dd 6e [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.2 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.514085 degrees N
GPS Longitude	0.215457 degrees W
GPS Altitude	0 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:57:56Z</b> 11 months, 7 days, 11 hours, 19 minutes, 50 seconds ago
GPS Position	51.514085 degrees N, 0.215457 degrees W
Megapixels	20.1
Shutter Speed	0
Create Date	<b>2017:06:14 01:57:58.937455</b> 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Date/Time Original	<b>2017:06:14 01:57:58.937455</b> 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Modify Date	<b>2017:06:14 01:57:58.937455</b> 11 months, 7 days, 3 hours, 19 minutes, 48 seconds ago
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[· My Blog](#) · [· Lightroom plugins](#) · [· Pretty Photos](#)

[· "Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  , or perhaps an Amazon gift certificate (to: [jfriedl@yahoo.com](mailto:jfriedl@yahoo.com)), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file:	DSC_2076.JPG
Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 500
Flash:	Auto, Fired
Date:	June 14, 2017 1:58:05AM (timezone not specified) (11 months, 7 days, 10 hours, 21 minutes, 57 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: 101 Grenfell Rd, London W11 1WA, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 3,688,226 bytes (3.5 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 3.4-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/25 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

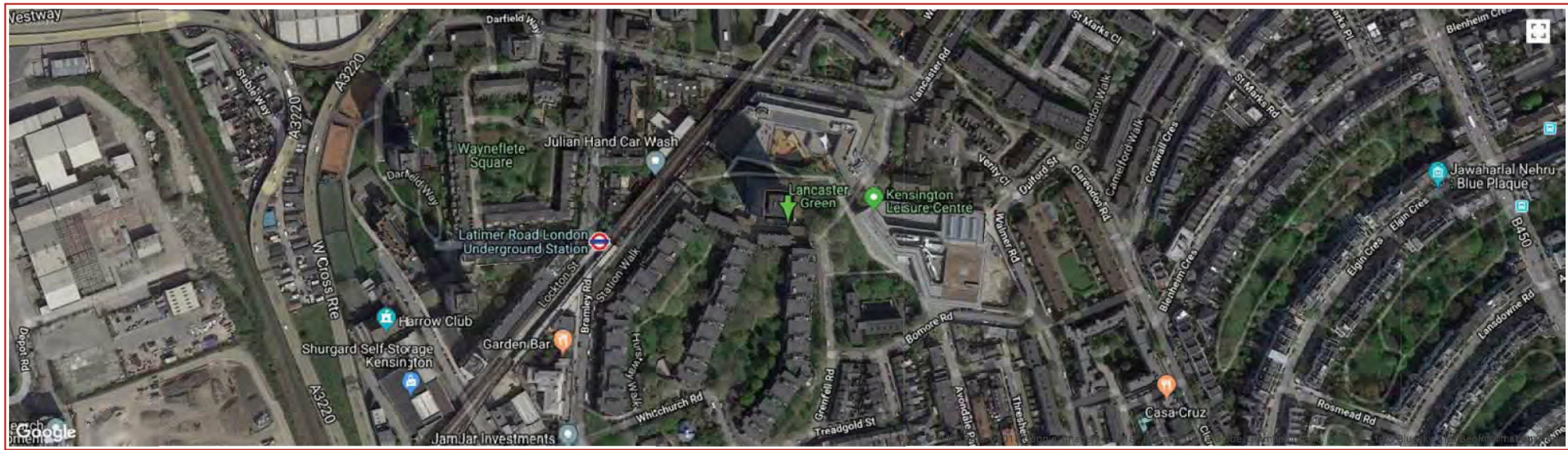


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 01:58:05 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	500
Exif Version	0220
Date/Time Original	2017:06:14 01:58:05 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Create Date	2017:06:14 01:58:05 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	706,756
Sub Sec Time Original	706,756
Sub Sec Time Digitized	706,756
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 20 minutes, 2 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,518
Thumbnail Image	(3,518 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:05%00@%0d'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:05 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 80 7c 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	e0 08 00 00 78 9c ed 9b 0d 70 54 d5 15 c7 ff f7 bd b7 9b cd [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.5 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 22 minutes, 5 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 01:58:05.706756 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:05.706756 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:05.706756 11 months, 7 days, 3 hours, 21 minutes, 57 seconds ago
Light Value	3.7
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information


Target file: DSC\_2077.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	June 14, 2017 1:58:18AM (timezone not specified) (11 months, 7 days, 10 hours, 23 minutes, 5 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: 101 Grenfell Rd, London W11 1WA, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 5,265,994 bytes (5.0 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.9-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/26 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

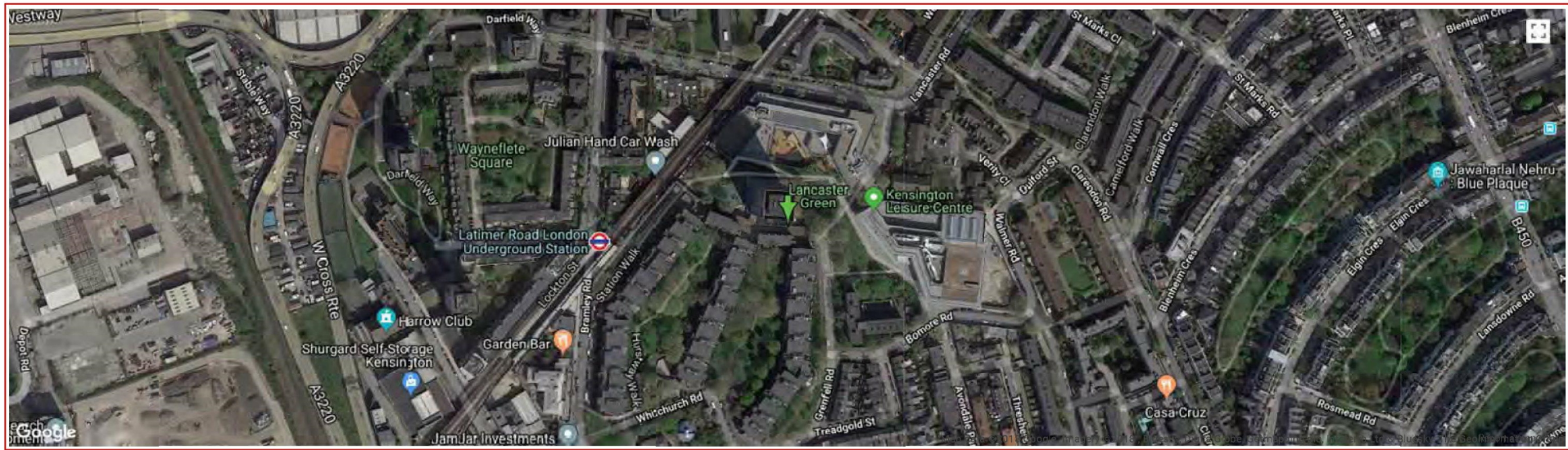


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/177 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 01:58:18 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	2017:06:14 01:58:18 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Create Date	2017:06:14 01:58:18 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	594,387
Sub Sec Time Original	594,387
Sub Sec Time Digitized	594,387
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 21 minutes, 23 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	5,010
Thumbnail Image	(5,010 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:18%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:18 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 10 04 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	2a 06 00 00 78 9c ed d7 79 6c 14 75 18 c6 f1 67 76 77 a6 a5 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	5.0 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 23 minutes, 26 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:58:18.594387 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:18.594387 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:18.594387 11 months, 7 days, 3 hours, 23 minutes, 5 seconds ago
Light Value	5.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

File:

☐ I'm not a robot

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Jeffrey Friedl's Image Metadata Viewer  
([How to use](#))

- Some of my other stuff
- [My Blog](#)
  - [Lightroom plugins](#)
  - [Pretty Photos](#)
  - ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information


Target file: DSC\_2078.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 3.03×
Exposure:	Auto exposure, 1/50 sec, f/2, ISO 320
Flash:	Auto, Did not fire
Date:	<b>June 14, 2017</b> 1:58:22AM (timezone not specified) (11 months, 7 days, 10 hours, 24 minutes, 39 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 3,053,216 bytes (2.9 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.2-kilobyte “EXIF:ThumbnailImage” JPG


Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

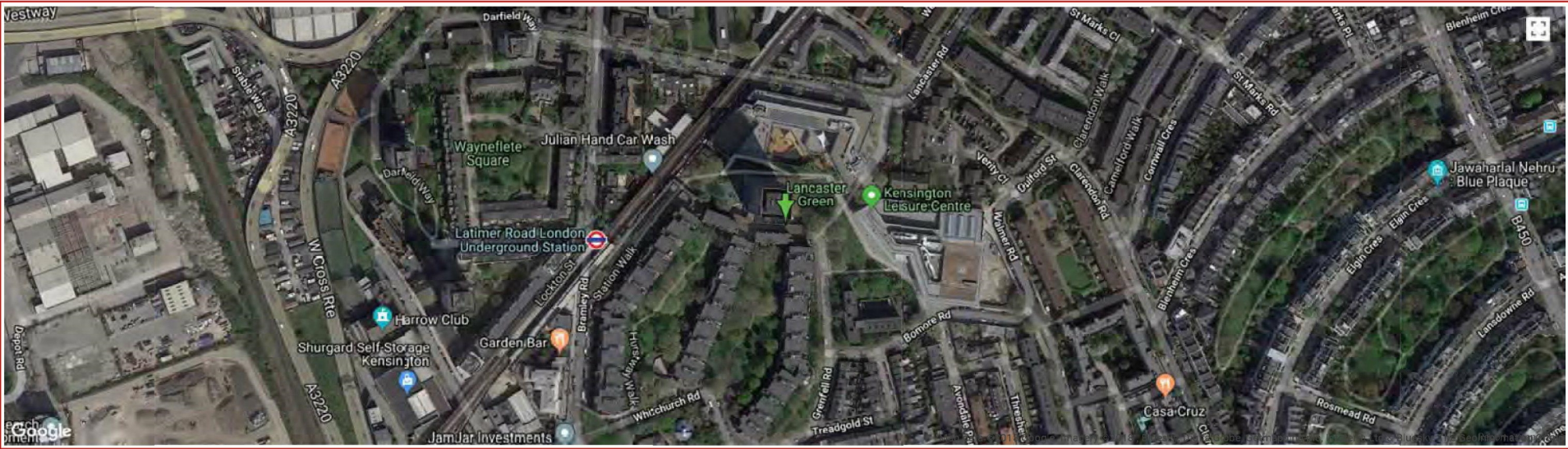


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/177 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 01:58:22</b> 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/50
F Number	2.00
ISO	320
Exif Version	0220
Date/Time Original	<b>2017:06:14 01:58:22</b> 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Create Date	<b>2017:06:14 01:58:22</b> 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/50
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Did not fire
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	847,328
Sub Sec Time Original	847,328
Sub Sec Time Digitized	847,328
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	3.03
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 23 minutes, 1 second ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,299
Thumbnail Image	(4,299 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:22%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:22 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 f0 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	c5 07 00 00 78 9c ed d7 7d 70 15 d5 19 06 f0 e7 ec fd 0a 14 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.9 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 25 minutes, 4 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/50
Create Date	<b>2017:06:14</b> 01:58:22.847328 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:22.847328 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:22.847328 11 months, 7 days, 3 hours, 24 minutes, 39 seconds ago
Light Value	6.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...

File:

☐ I'm not a robot

reCAPTCHA  
[Privacy](#) · [Terms](#)

Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[· My Blog](#) · [· Lightroom plugins](#) · [· Pretty Photos](#)

[· "Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2079.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 3.03×
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 640
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:58:33AM (timezone not specified) (11 months, 7 days, 10 hours, 25 minutes, 27 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 2,832,682 bytes (2.7 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📊

Extracted 160 × 120 4.4-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



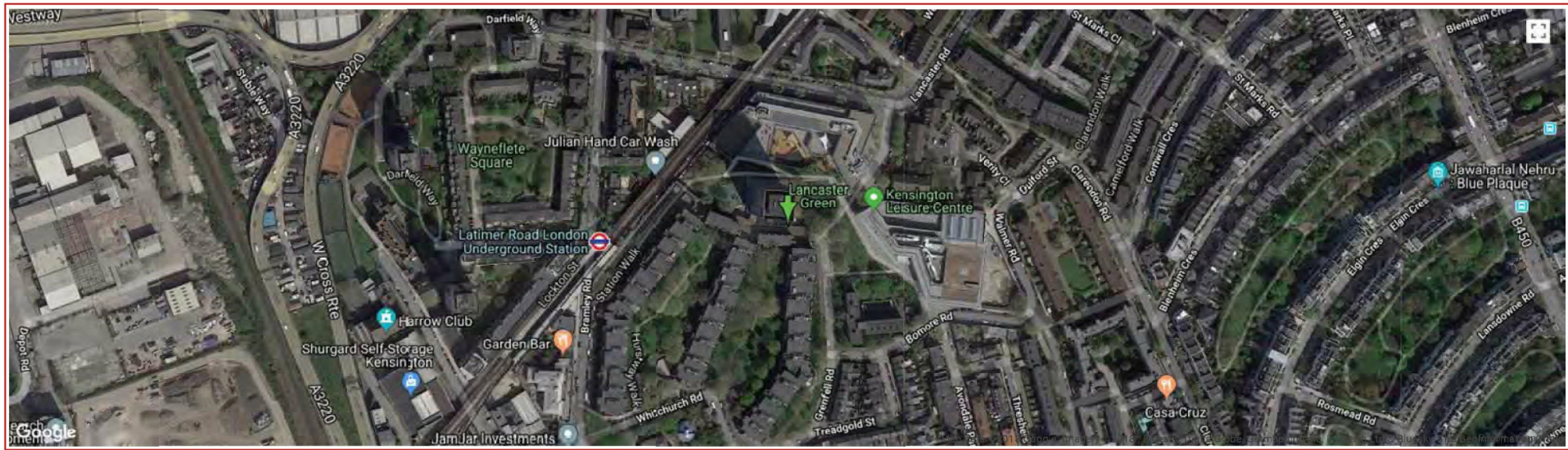
Click image to isolate; click this text to show histogram

🔍🔗📄📊

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 01:58:33</b> 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	640
Exif Version	0220
Date/Time Original	<b>2017:06:14 01:58:33</b> 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Create Date	<b>2017:06:14 01:58:33</b> 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	238,130
Sub Sec Time Original	238,130
Sub Sec Time Digitized	238,130
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	3.03
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 24 minutes ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,549
Thumbnail Image	(4,549 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:33%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:33 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0 7d 14 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	ea 08 00 00 78 9c ed db 0b 70 14 f5 1d 07 f0 ef 7f ef 36 0f [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.7 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 26 minutes, 3 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:58:33.238130 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:33.238130 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:33.238130 11 months, 7 days, 3 hours, 25 minutes, 27 seconds ago
Light Value	4.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

☐ I'm not a robot

View Image Data

File:

reCAPTCHA  
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Jeffrey Friedl's Image Metadata Viewer  
(How to use)

- Some of my other stuff
- [My Blog](#)
  - [Lightroom plugins](#)
  - [Pretty Photos](#)
  - ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2080.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 3.03×
Exposure:	Auto exposure, 1/20 sec, f/2, ISO 800
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:58:37AM (timezone not specified) (11 months, 7 days, 10 hours, 26 minutes, 29 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 2,901,119 bytes (2.8 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.5-kilobyte “EXIF:ThumbnailImage” JPG

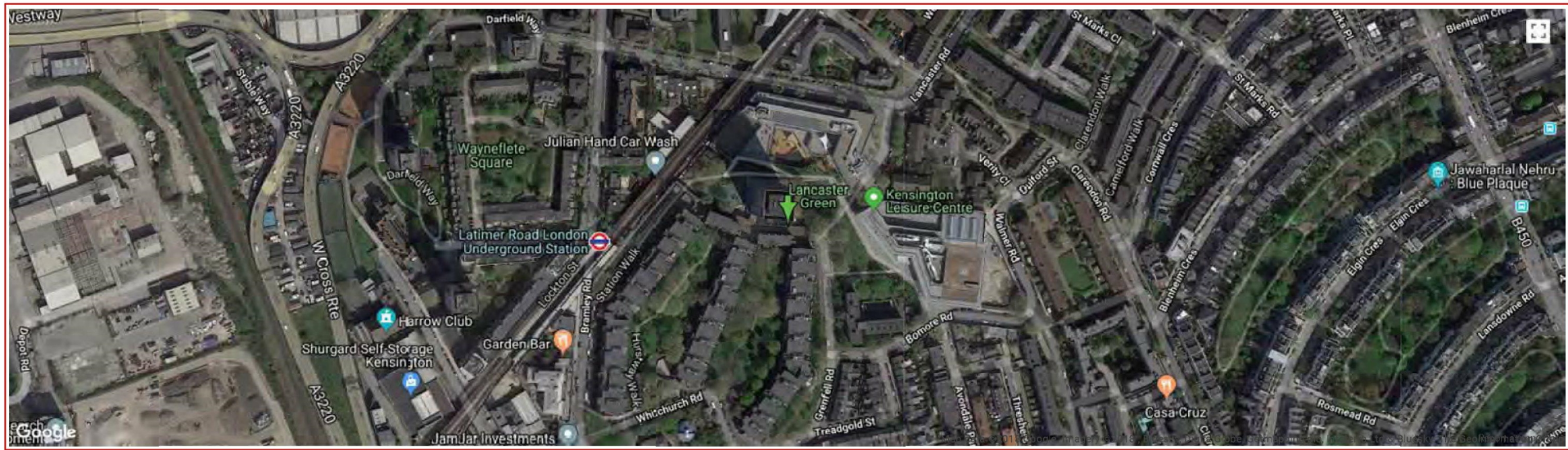
Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/177 the area of the original)

Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 01:58:37</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/20
F Number	2.00
ISO	800
Exif Version	0220
Date/Time Original	<b>2017:06:14 01:58:37</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Create Date	<b>2017:06:14 01:58:37</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/20
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	577,448
Sub Sec Time Original	577,448
Sub Sec Time Digitized	577,448
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	3.03
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 25 minutes, 6 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,559
Thumbnail Image	(4,559 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:37%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14 01:58:37</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 aa 05 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	e0 09 00 00 78 9c ed 9b 0b 70 55 c5 19 c7 ff 7b 1e 49 40 10 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.8 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14 00:57:57Z</b> 11 months, 7 days, 11 hours, 27 minutes, 9 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/20
Create Date	<b>2017:06:14 01:58:37.577448</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Date/Time Original	<b>2017:06:14 01:58:37.577448</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Modify Date	<b>2017:06:14 01:58:37.577448</b> 11 months, 7 days, 3 hours, 26 minutes, 29 seconds ago
Light Value	3.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

reCAPTCHA  
[Privacy](#) · [Terms](#)

Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

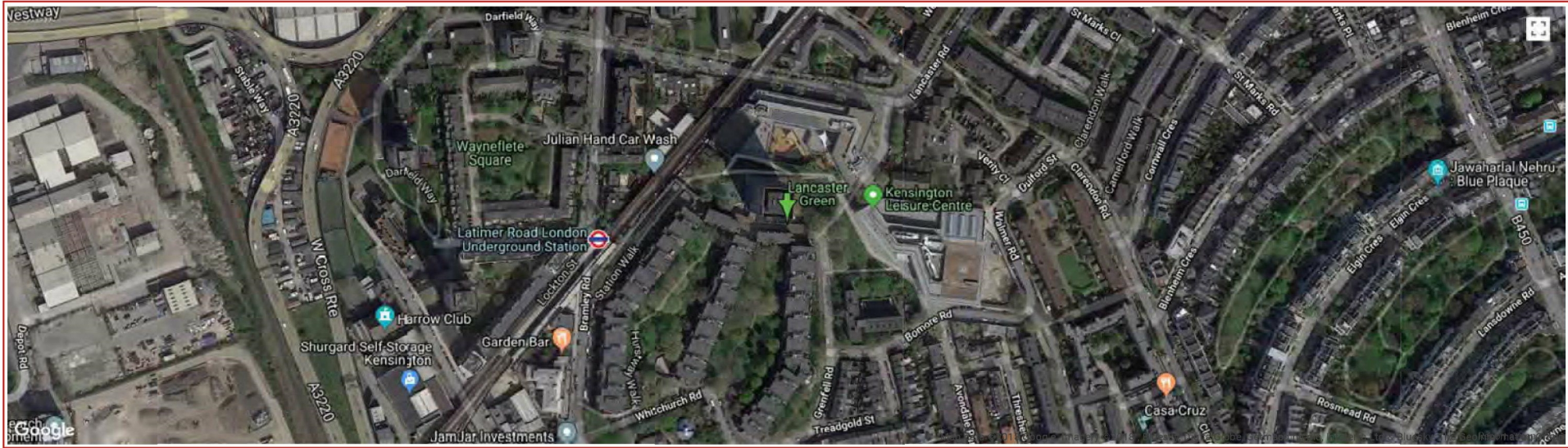
## Basic Image Information

Target file: DSC\_2081.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 3.03×
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 640
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:58:44AM (timezone not specified) (11 months, 7 days, 10 hours, 27 minutes, 22 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 2,923,652 bytes (2.8 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 3.2-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% (1/260 the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

Main JPG image displayed here at 8% width (1/127 the area of the original)



Here's the full data:

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 01:58:44</b> 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	640
Exif Version	0220
Date/Time Original	<b>2017:06:14 01:58:44</b> 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Create Date	<b>2017:06:14 01:58:44</b> 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	795,410
Sub Sec Time Original	795,410
Sub Sec Time Digitized	795,410
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	3.03
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 26 minutes, 6 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,265
Thumbnail Image	(3,265 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:44%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:44 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0 7b 01 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	cf 09 00 00 78 9c ed 9b 7b 70 15 f5 15 c7 bf bf bd af 24 84 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.8 MB
File Type Extension	.jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 28 minutes, 9 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:58:44.795410 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:44.795410 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:44.795410 11 months, 7 days, 3 hours, 27 minutes, 22 seconds ago
Light Value	4.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2082.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 3.03×
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 500
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 1:58:48AM (timezone not specified) (11 months, 7 days, 10 hours, 28 minutes, 38 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 49.7" North, 0° 12' 55.9" West ( 51.513814, -0.215526 )  Location guessed from coordinates: <i>101 Grenfell Rd, London W11 1WA, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 78 meters (256 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 2,985,408 bytes (2.8 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📏📊

Extracted 160 × 120 3.4-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



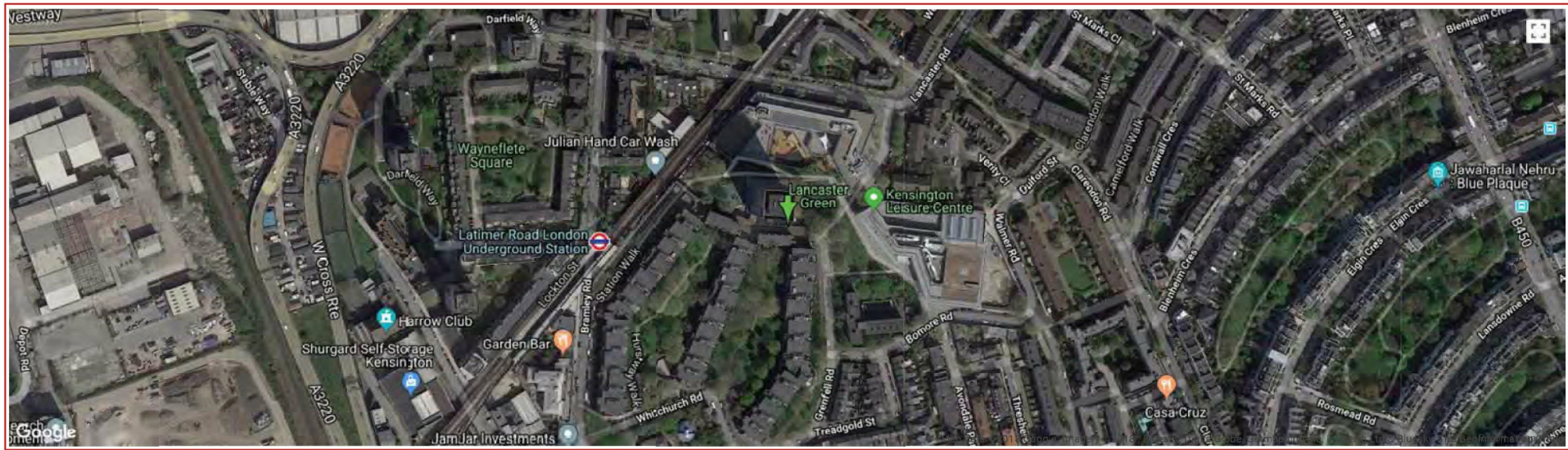
Click image to isolate; click this text to show histogram

🔍🔗📄📏📊

Main JPG image displayed here at 8% width (1/177 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 01:58:48</b> 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	500
Exif Version	0220
Date/Time Original	<b>2017:06:14 01:58:48</b> 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Create Date	<b>2017:06:14 01:58:48</b> 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	318,946
Sub Sec Time Original	318,946
Sub Sec Time Digitized	318,946
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	3.03
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513814 degrees
GPS Longitude Ref	West
GPS Longitude	0.215526 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	78 m
GPS Time Stamp	00:57:57
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 27 minutes, 26 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	3,475
Thumbnail Image	(3,475 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 01:58:48%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 01:58:48 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	fe 08 00 00 78 9c ed db 7d 70 14 67 1d 07 f0 ef ee de ed dd [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.8 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513814 degrees N
GPS Longitude	0.215526 degrees W
GPS Altitude	78 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 00:57:57Z 11 months, 7 days, 11 hours, 29 minutes, 29 seconds ago
GPS Position	51.513814 degrees N, 0.215526 degrees W
Megapixels	20.1
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 01:58:48.318946 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Date/Time Original	<b>2017:06:14</b> 01:58:48.318946 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Modify Date	<b>2017:06:14</b> 01:58:48.318946 11 months, 7 days, 3 hours, 28 minutes, 38 seconds ago
Light Value	4.7
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
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# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[· My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

[· "Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2084.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 1000
Flash:	Auto, Fired
Date:	June 14, 2017 2:05:34AM (timezone not specified) (11 months, 7 days, 10 hours, 22 minutes, 57 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 47.7" North, 0° 12' 52.9" West ( 51.513246, -0.214684 ) <div>Location guessed from coordinates: Treadgold House, 25 Bomore Rd, London W11 4HD, UK</div> <div>Map via embedded coordinates at: <a href="#">Google</a>, <a href="#">Yahoo</a>, <a href="#">WikiMapia</a>, <a href="#">OpenStreetMap</a>, <a href="#">Bing</a> (also see the Google Maps pane below)</div> <div>Altitude: 105 meters (344 feet) Timezone guess from earthtools.org: <a href="#">GMT</a></div>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 3,725,733 bytes (3.6 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📏📊

Extracted 160 × 120 4.1-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/25 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



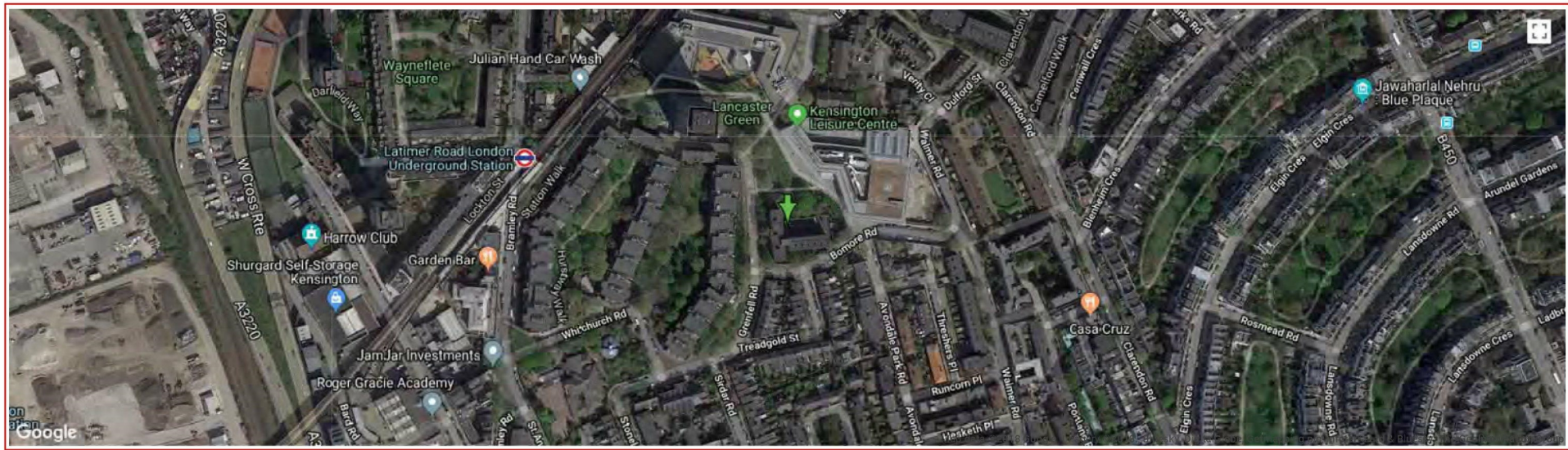
[Click image to isolate](#); [click this text to show histogram](#)

🔍🔗📄📏📊

Main JPG image displayed here at 8% width (1/127 the area of the original)



[Click image to isolate](#); [click this text to show histogram](#)



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 02:05:34 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	1,000
Exif Version	0220
Date/Time Original	2017:06:14 02:05:34 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Create Date	2017:06:14 02:05:34 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	294,085
Sub Sec Time Original	294,085
Sub Sec Time Digitized	294,085
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513246 degrees
GPS Longitude Ref	West
GPS Longitude	0.214684 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	105 m
GPS Time Stamp	01:04:47
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 28 minutes, 31 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,168
Thumbnail Image	(4,168 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 02:05:34%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 02:05:34 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	94 08 00 00 78 9c ed db 7b 70 54 d5 1d 07 f0 ef 3d 77 ef 86 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.6 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513246 degrees N
GPS Longitude	0.214684 degrees W
GPS Altitude	105 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 01:04:47Z 11 months, 7 days, 11 hours, 23 minutes, 44 seconds ago
GPS Position	51.513246 degrees N, 0.214684 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 02:05:34.294085 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Date/Time Original	<b>2017:06:14</b> 02:05:34.294085 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Modify Date	<b>2017:06:14</b> 02:05:34.294085 11 months, 7 days, 3 hours, 22 minutes, 57 seconds ago
Light Value	2.7
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
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# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

reCAPTCHA  
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Jeffrey Friedl's Image Metadata Viewer

[\(How to use\)](#)

Some of my other stuff

[· My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

[· "Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2085.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 1250
Flash:	Auto, Fired
Date:	June 14, 2017 2:05:37AM (timezone not specified) (11 months, 7 days, 10 hours, 24 minutes, 15 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 47.7" North, 0° 12' 52.9" West ( 51.513246, -0.214684 )  Location guessed from coordinates: <i>Treadgold House, 25 Bomore Rd, London W11 4HD, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 105 meters (344 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 3,801,386 bytes (3.6 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

Extracted 160 × 120 4.0-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

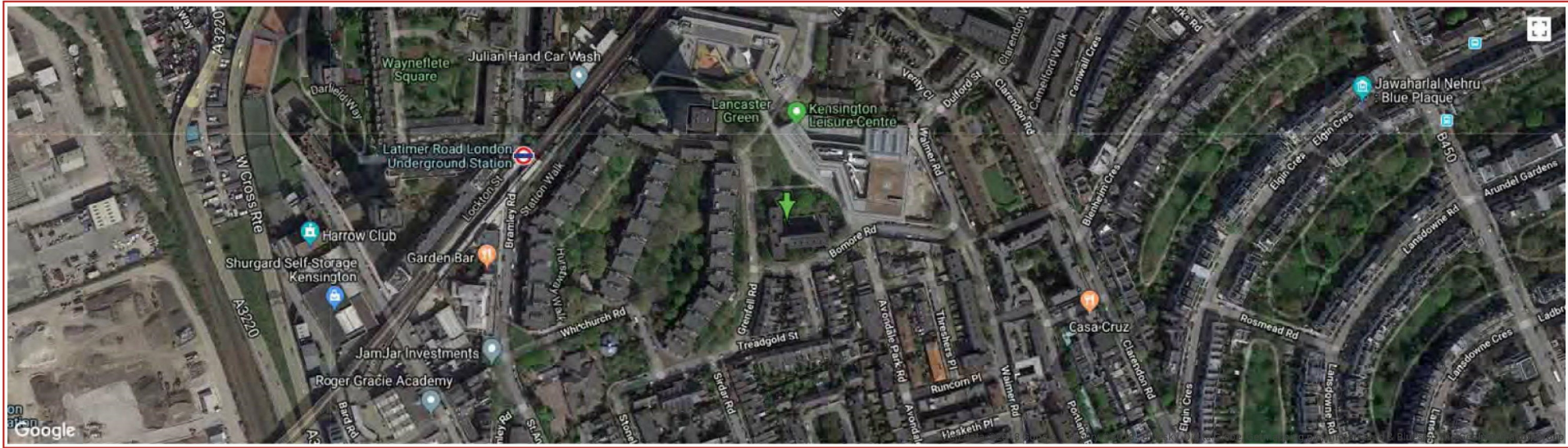


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 02:05:37 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	1,250
Exif Version	0220
Date/Time Original	2017:06:14 02:05:37 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Create Date	2017:06:14 02:05:37 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	731,373
Sub Sec Time Original	731,373
Sub Sec Time Digitized	731,373
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513246 degrees
GPS Longitude Ref	West
GPS Longitude	0.214684 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	105 m
GPS Time Stamp	01:04:47
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 29 minutes, 53 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,078
Thumbnail Image	(4,078 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 02:05:37%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 02:05:37 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 0b 00 00 c0 18 00 00 40 10 00 00 40 3f 05 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	66 0a 00 00 78 9c ed 9d 0d 70 14 e5 19 c7 ff ef ee 6d ee 72 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	3.6 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513246 degrees N
GPS Longitude	0.214684 degrees W
GPS Altitude	105 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 01:04:47Z 11 months, 7 days, 11 hours, 25 minutes, 6 seconds ago
GPS Position	51.513246 degrees N, 0.214684 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 02:05:37.731373 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Date/Time Original	<b>2017:06:14</b> 02:05:37.731373 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Modify Date	<b>2017:06:14</b> 02:05:37.731373 11 months, 7 days, 3 hours, 24 minutes, 16 seconds ago
Light Value	2.4
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
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URL:

or...  
File:

☐ I'm not a robot

reCAPTCHA

Privacy · Terms

Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[· My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

[· "Photo Tech"](#)

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If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2086.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 1600
Flash:	Auto, Fired
Date:	June 14, 2017 2:05:40AM (timezone not specified) (11 months, 7 days, 10 hours, 25 minutes, 7 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 47.7" North, 0° 12' 52.9" West ( 51.513246, -0.214684 )
	Location guessed from coordinates: <i>Treadgold House, 25 Bomore Rd, London W11 4HD, UK</i>
	Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)
File:	Altitude: 105 meters (344 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
	5,984 × 3,366 JPEG (20.1 megapixels) 4,336,366 bytes (4.1 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/260 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

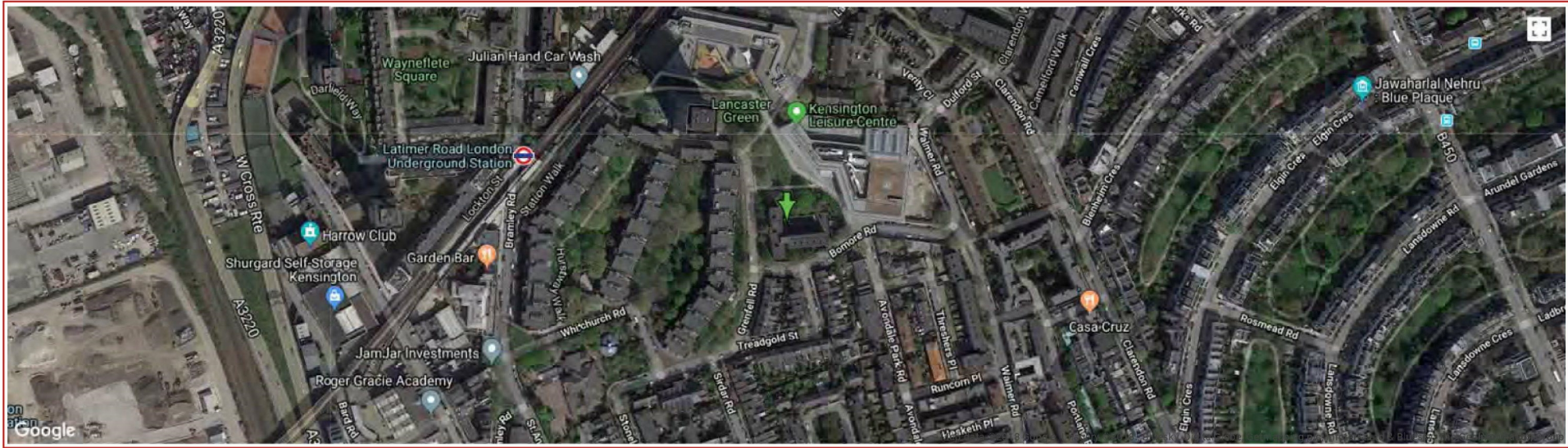


[Click image to isolate](#); [click this text to show histogram](#)

Main JPG image displayed here at 8% width (1/127 the area of the original)



[Click image to isolate](#); [click this text to show histogram](#)



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 02:05:40 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	1,600
Exif Version	0220
Date/Time Original	2017:06:14 02:05:40 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Create Date	2017:06:14 02:05:40 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	873,123
Sub Sec Time Original	873,123
Sub Sec Time Digitized	873,123
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513246 degrees
GPS Longitude Ref	West
GPS Longitude	0.214684 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	105 m
GPS Time Stamp	01:04:47
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 30 minutes, 47 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,874
Thumbnail Image	(4,874 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 02:05:40%00@%0d'%17(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 02:05:40 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	b2 08 00 00 78 9c ed 9b 7b 70 54 f5 15 c7 bf bf fb 48 62 5e [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.1 MB
File Type Extension	.jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513246 degrees N
GPS Longitude	0.214684 degrees W
GPS Altitude	105 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 01:04:47Z 11 months, 7 days, 11 hours, 26 minutes ago
GPS Position	51.513246 degrees N, 0.214684 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 02:05:40.873123 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Date/Time Original	<b>2017:06:14</b> 02:05:40.873123 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Modify Date	<b>2017:06:14</b> 02:05:40.873123 11 months, 7 days, 3 hours, 25 minutes, 7 seconds ago
Light Value	2.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

· My Blog

· Lightroom plugins

· Pretty Photos

· "Photo Tech"

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2087.JPG

Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/16 sec, f/2, ISO 1250
Flash:	Auto, Fired
Date:	June 14, 2017 2:05:46AM (timezone not specified) (11 months, 7 days, 10 hours, 26 minutes, 9 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 47.7" North, 0° 12' 52.9" West ( 51.513246, -0.214684 )  Location guessed from coordinates: <i>Treadgold House, 25 Bomore Rd, London W11 4HD, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 105 meters (344 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	5,984 × 3,366 JPEG (20.1 megapixels) 4,938,881 bytes (4.7 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📏📊

Extracted 160 × 120 4.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/265 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



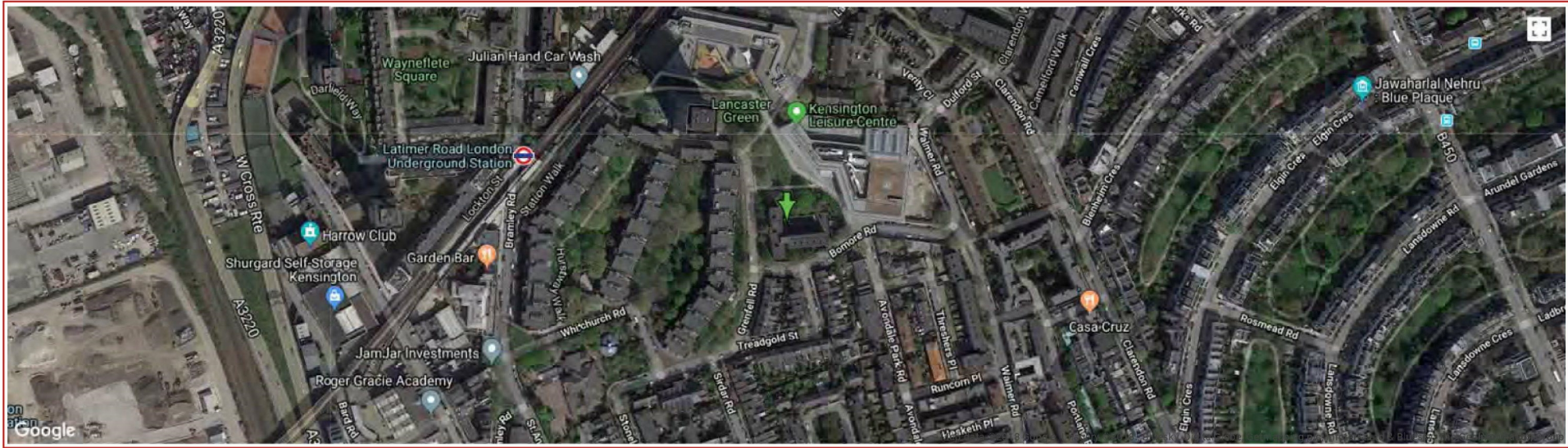
Click image to isolate; click this text to show histogram

🔍🔗📄📏📊

Main JPG image displayed here at 8% width (1/127 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	5,984 × 3,366
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 02:05:46 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/16
F Number	2.00
ISO	1,250
Exif Version	0220
Date/Time Original	2017:06:14 02:05:46 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Create Date	2017:06:14 02:05:46 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/16
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	649,472
Sub Sec Time Original	649,472
Sub Sec Time Digitized	649,472
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Night
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.513246 degrees
GPS Longitude Ref	West
GPS Longitude	0.214684 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	105 m
GPS Time Stamp	01:04:47
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 31 minutes, 55 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	4,960
Thumbnail Image	(4,960 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 02:05:46%00@%0d'%17(8 null bytes)%12%00%03(14 null bytes)[...]
Sony 0x2025	2 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 02:05:46 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Sony Image Height	3,392
Sony Image Width	5,984
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 1d 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	bf 08 00 00 78 9c ed db 7d 70 54 57 19 06 f0 e7 de fd 4c b2 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	4.7 MB
File Type Extension	jpg
Image Size	5,984 × 3,366
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.513246 degrees N
GPS Longitude	0.214684 degrees W
GPS Altitude	105 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 01:04:47Z 11 months, 7 days, 11 hours, 27 minutes, 8 seconds ago
GPS Position	51.513246 degrees N, 0.214684 degrees W
Megapixels	20.1
Shutter Speed	1/16
Create Date	<b>2017:06:14</b> 02:05:46.649472 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Date/Time Original	<b>2017:06:14</b> 02:05:46.649472 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Modify Date	<b>2017:06:14</b> 02:05:46.649472 11 months, 7 days, 3 hours, 26 minutes, 9 seconds ago
Light Value	2.4
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2088.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 4.29×
Exposure:	Auto exposure, 1/10 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 3:10:26AM (timezone not specified) (11 months, 7 days, 9 hours, 22 minutes, 28 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 44.9" North, 0° 12' 52.8" West ( 51.512459, -0.214680 )  Location guessed from coordinates: <i>17 Treadgold St, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 41 meters (135 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 1,181,262 bytes (1.1 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>



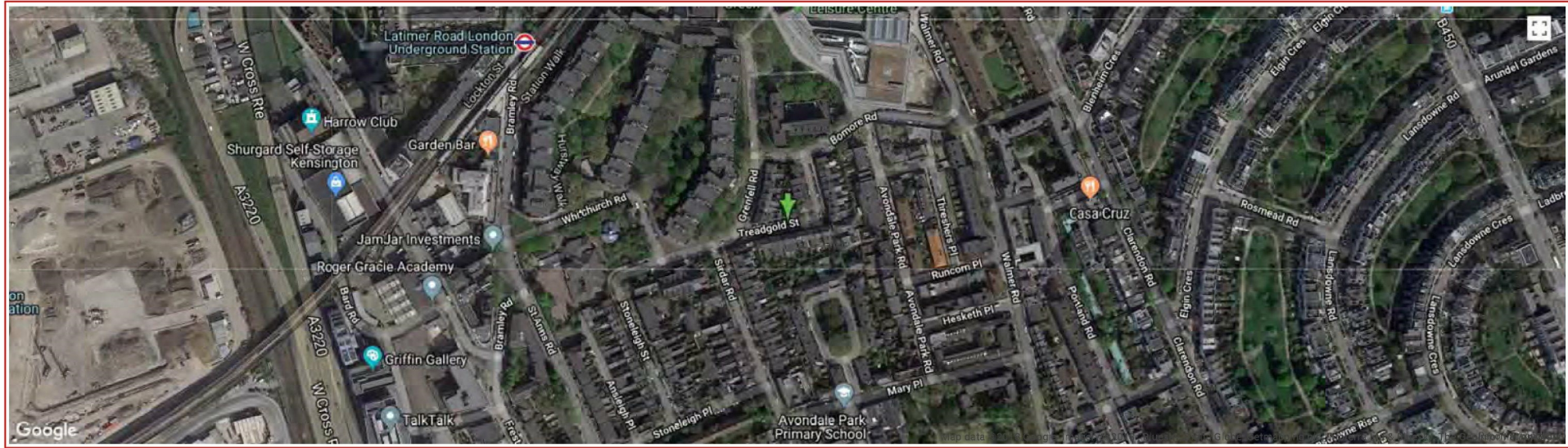
Extracted 160 × 120 2.7-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% (1/100 the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

Click image to isolate; click this text to show histogram



Main JPG image displayed here at 12% width (1/25 the area of the original)

Click image to isolate; click this text to show histogram



Here's the full data:

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 03:10:26 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/10
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 03:10:26 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Create Date	<b>2017:06:14</b> 03:10:26 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/10
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	608,070
Sub Sec Time Original	608,070
Sub Sec Time Digitized	608,070
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	4.29
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.512459 degrees
GPS Longitude Ref	West
GPS Longitude	0.214680 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	41 m
GPS Time Stamp	02:10:11
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 32 minutes, 54 seconds ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	2,798
Thumbnail Image	(2,798 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:10:26%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:10:26 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	2d 06 00 00 78 9c ed d7 7f 6c d4 f5 1d c7 f1 d7 f7 be d7 6f [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	1154 kB
File Type Extension	jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.512459 degrees N
GPS Longitude	0.214680 degrees W
GPS Altitude	41 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:10:11Z 11 months, 7 days, 10 hours, 22 minutes, 43 seconds ago
GPS Position	51.512459 degrees N, 0.214680 degrees W
Megapixels	8.3
Shutter Speed	1/10
Create Date	<b>2017:06:14</b> 03:10:26.608070 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:10:26.608070 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Modify Date	<b>2017:06:14</b> 03:10:26.608070 11 months, 7 days, 2 hours, 22 minutes, 28 seconds ago
Light Value	3.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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---

This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
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# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2089.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 5×
Exposure:	Auto exposure, 1/8 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 3:10:32AM (timezone not specified) (11 months, 7 days, 9 hours, 23 minutes, 25 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 44.9" North, 0° 12' 52.8" West ( 51.512459, -0.214680 )  Location guessed from coordinates: <i>17 Treadgold St, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 41 meters (135 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 1,143,174 bytes (1.1 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>



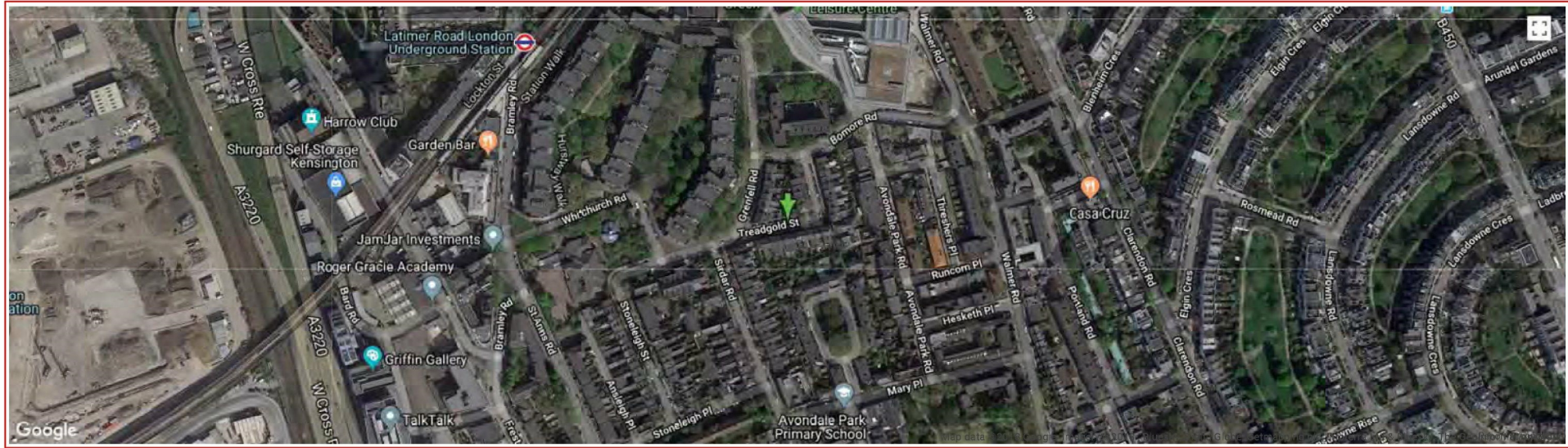
Extracted 160 × 120 3.0-kilobyte “EXIF:ThumbnailImage” JPG  
Displayed here at 200% (1/100 the area of the original)  
**Note: thumbnail size does not match image size — image crop not reflected in thumbnail?**

Click image to isolate; click this text to show histogram



Main JPG image displayed here at 12% width (1/75 the area of the original)

Click image to isolate; click this text to show histogram



Here's the full data:

EXIF	
Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14</b> 03:10:32 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/8
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14</b> 03:10:32 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Create Date	<b>2017:06:14</b> 03:10:32 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/8
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	286,968
Sub Sec Time Original	286,968
Sub Sec Time Digitized	286,968
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	5
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.512459 degrees
GPS Longitude Ref	West
GPS Longitude	0.214680 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	41 m
GPS Time Stamp	02:10:11
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 33 minutes, 57 seconds ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	3,087
Thumbnail Image	(3,087 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:10:32%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:10:32 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	41 06 00 00 78 9c ed d6 7b 8c 5c 55 01 c7 f1 df 9d b9 77 66 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	1116 kB
File Type Extension	jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.512459 degrees N
GPS Longitude	0.214680 degrees W
GPS Altitude	41 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:10:11Z 11 months, 7 days, 10 hours, 23 minutes, 46 seconds ago
GPS Position	51.512459 degrees N, 0.214680 degrees W
Megapixels	8.3
Shutter Speed	1/8
Create Date	<b>2017:06:14</b> 03:10:32 286968 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:10:32 286968 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Modify Date	<b>2017:06:14</b> 03:10:32 286968 11 months, 7 days, 2 hours, 23 minutes, 25 seconds ago
Light Value	3.0
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

reCAPTCHA  
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Jeffrey Friedl's Image Metadata Viewer  
[\(How to use\)](#)

Some of my other stuff

- [My Blog](#)
- [Lightroom plugins](#)
- [Pretty Photos](#)
- ["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: DSC\_2090.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 5×
Exposure:	Auto exposure, 1/13 sec, f/2, ISO 400
Flash:	Auto, Fired
Date:	<b>June 14, 2017</b> 3:10:34AM (timezone not specified) (11 months, 7 days, 9 hours, 24 minutes, 32 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: <b>51° 30' 44.9" North, 0° 12' 52.8" West</b> ( 51.512459, -0.214680 )  Location guessed from coordinates: <i>17 Treadgold St, London W11, UK</i>  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 41 meters (135 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	<b>3,840 × 2,160 JPEG (8.3 megapixels)</b> 1,079,881 bytes (1.0 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📊

Extracted 160 × 120 2.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/100 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



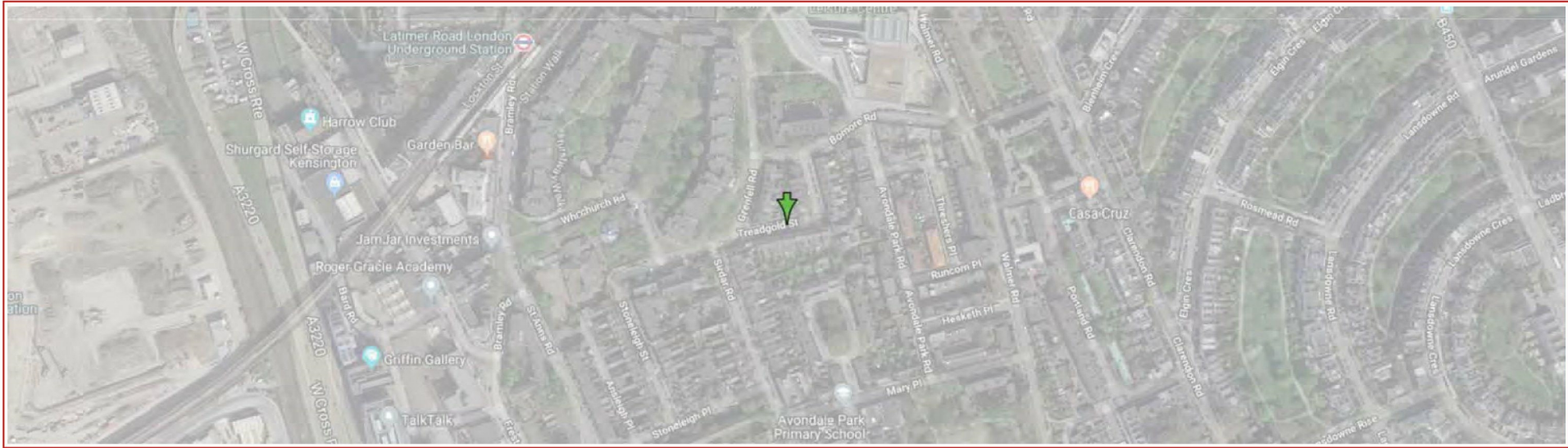
Click image to isolate; click this text to show histogram

🔍🔗📄📊

Main JPG image displayed here at 12% width (1/75 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	<b>2017:06:14 03:10:34</b> 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/13
F Number	2.00
ISO	400
Exif Version	0220
Date/Time Original	<b>2017:06:14 03:10:34</b> 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Create Date	<b>2017:06:14 03:10:34</b> 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/13
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	769,258
Sub Sec Time Original	769,258
Sub Sec Time Digitized	769,258
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	5
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.512459 degrees
GPS Longitude Ref	West
GPS Longitude	0.214680 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	41 m
GPS Time Stamp	02:10:11
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 35 minutes, 6 seconds ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	2,880
Thumbnail Image	(2,880 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:10:34%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:10:34 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	0b 06 00 00 78 9c ed d6 7f 6c 55 e5 1d c7 f1 cf 39 e7 fe ea [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	1055 kB
File Type Extension	jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.512459 degrees N
GPS Longitude	0.214680 degrees W
GPS Altitude	41 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:10:11Z 11 months, 7 days, 10 hours, 24 minutes, 55 seconds ago
GPS Position	51.512459 degrees N, 0.214680 degrees W
Megapixels	8.3
Shutter Speed	1/13
Create Date	<b>2017:06:14</b> 03:10:34.769258 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:10:34.769258 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Modify Date	<b>2017:06:14</b> 03:10:34.769258 11 months, 7 days, 2 hours, 24 minutes, 32 seconds ago
Light Value	3.7
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



Jeffrey's Image Metadata Viewer

URL:

File:

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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

Basic Image Information

Target file: DSC\_2091.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 5×
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 320
Flash:	Auto, Fired
Date:	June 14, 2017 3:11:37AM (timezone not specified) (11 months, 7 days, 9 hours, 24 minutes, 24 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 45.5" North, 0° 12' 51.6" West ( 51.512629,-0.214341 )  Location guessed from coordinates: 15 Treadgold St, London W11, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 32 meters (105 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 1,041,210 bytes (0.99 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

🔍🔗📄📊

Extracted 160 × 120 2.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/100 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



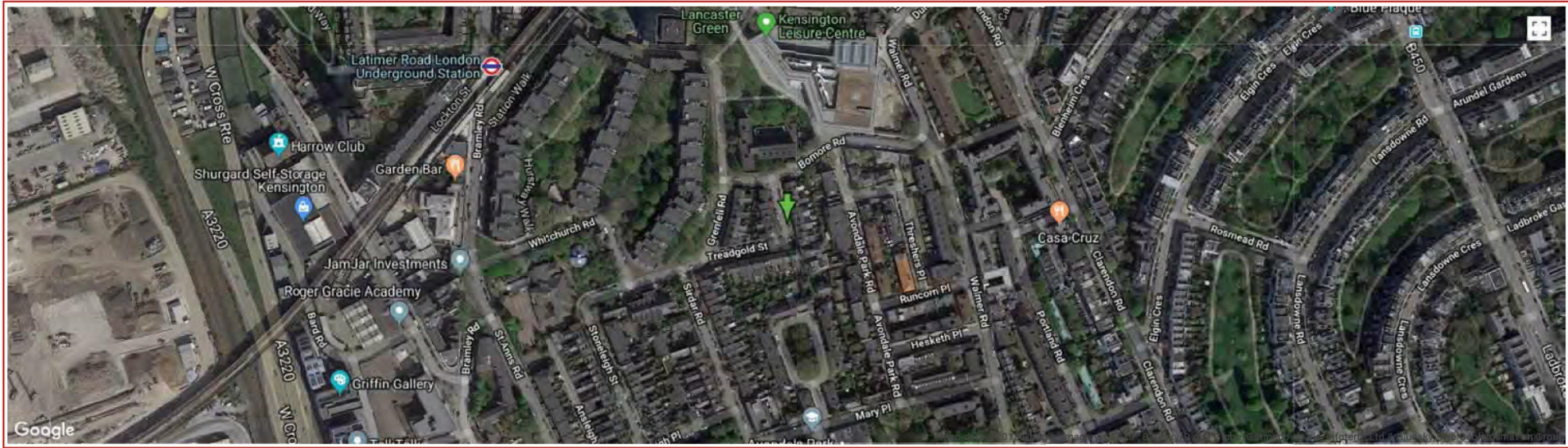
[Click image to isolate](#); [click this text to show histogram](#)

🔍🔗📄📊

Main JPG image displayed here at 12% width (1/75 the area of the original)



[Click image to isolate](#); [click this text to show histogram](#)



Here's the full data:

EXIF

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 03:11:37 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	320
Exif Version	0220
Date/Time Original	2017:06:14 03:11:37 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Create Date	2017:06:14 03:11:37 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	007,510
Sub Sec Time Original	007,510
Sub Sec Time Digitized	007,510
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	5
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.512629 degrees
GPS Longitude Ref	West
GPS Longitude	0.214341 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	32 m
GPS Time Stamp	02:11:21
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 36 minutes, 1 second ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	2,891
Thumbnail Image	(2,891 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:11:37%00p%08%00%0f(8 null bytes)%012%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:11:37 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	67 05 00 00 78 9c ed d6 7d 68 55 75 1e c7 f1 ef 39 f7 ee de [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	1017 kB
File Type Extension	jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.512629 degrees N
GPS Longitude	0.214341 degrees W
GPS Altitude	32 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:11:21Z 11 months, 7 days, 10 hours, 24 minutes, 40 seconds ago
GPS Position	51.512629 degrees N, 0.214341 degrees W
Megapixels	8.3
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 03:11:37.007510 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:11:37.007510 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Modify Date	<b>2017:06:14</b> 03:11:37.007510 11 months, 7 days, 2 hours, 24 minutes, 24 seconds ago
Light Value	5.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



Jeffrey's Image Metadata Viewer

URL:

or...  
File:

☐ I'm not a robot

reCAPTCHA  
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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

[My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

["Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

Basic Image Information

Target file: DSC\_2092.JPG

Camera:	Sony E6853
Lens:	4.2 mm Digital Zoom: 5×
Exposure:	Auto exposure, 1/32 sec, f/2, ISO 320
Flash:	Auto, Fired
Date:	June 14, 2017 3:11:47AM (timezone not specified) (11 months, 7 days, 9 hours, 25 minutes, 24 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 45.5" North, 0° 12' 51.6" West ( 51.512629,-0.214341 )  Location guessed from coordinates: 15 Treadgold St, London W11, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 32 meters (105 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 1,118,307 bytes (1.1 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 2.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/100 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

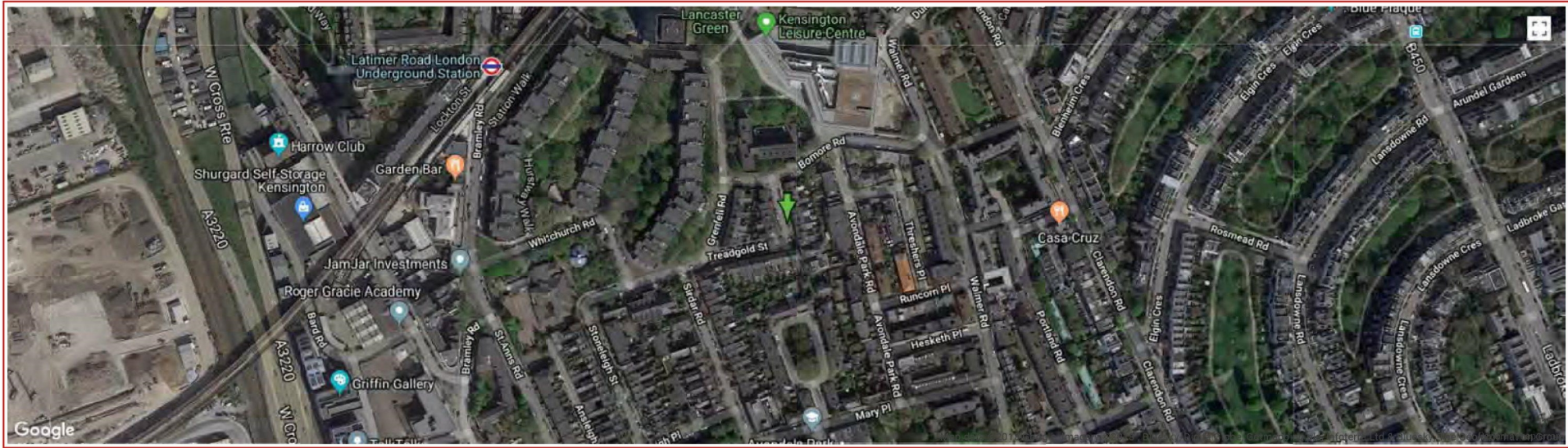


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 12% width (1/75 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

EXIF

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 03:11:47 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/32
F Number	2.00
ISO	320
Exif Version	0220
Date/Time Original	2017:06:14 03:11:47 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Create Date	2017:06:14 03:11:47 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/32
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	413,614
Sub Sec Time Original	413,614
Sub Sec Time Digitized	413,614
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	5
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.512629 degrees
GPS Longitude Ref	West
GPS Longitude	0.214341 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	32 m
GPS Time Stamp	02:11:21
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 37 minutes, 11 seconds ago
Compression	JPEG (old-style)
Orientation	Horizontal (normal)
Resolution	72 pixels/inch
Thumbnail Length	2,823
Thumbnail Image	(2,823 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:11:47%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:11:47 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 02 00 00 00 0a 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	f0 05 00 00 78 9c ed d6 7b 6c 94 55 1e c6 f1 e7 9d 77 3a 33 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	1092 kB
File Type Extension	.jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.512629 degrees N
GPS Longitude	0.214341 degrees W
GPS Altitude	32 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:11:21Z 11 months, 7 days, 10 hours, 25 minutes, 50 seconds ago
GPS Position	51.512629 degrees N, 0.214341 degrees W
Megapixels	8.3
Shutter Speed	1/32
Create Date	<b>2017:06:14</b> 03:11:47.413614 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:11:47.413614 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Modify Date	<b>2017:06:14</b> 03:11:47.413614 11 months, 7 days, 2 hours, 25 minutes, 24 seconds ago
Light Value	5.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

URL:

or...  
File:

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Jeffrey Friedl's Image Metadata Viewer

[\(How to use\)](#)

Some of my other stuff

[· My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)

[· "Photo Tech"](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to: ) or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file:	DSC_2093.JPG
Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/8 sec, f/2, ISO 640
Flash:	Auto, Fired
Date:	June 14, 2017 3:16:25AM (timezone not specified) (11 months, 7 days, 9 hours, 21 minutes, 56 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 40.1" North, 0° 12' 53" West ( 51.511136, -0.214728 )  Location guessed from coordinates: 34 Mary Pl, London W11, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 0 meters (0 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 2,661,679 bytes (2.5 megabytes)
Color Encoding:	<b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.  Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

🔍🔗🔗🔗🔗

Extracted 160 × 120 3.8-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/100 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?



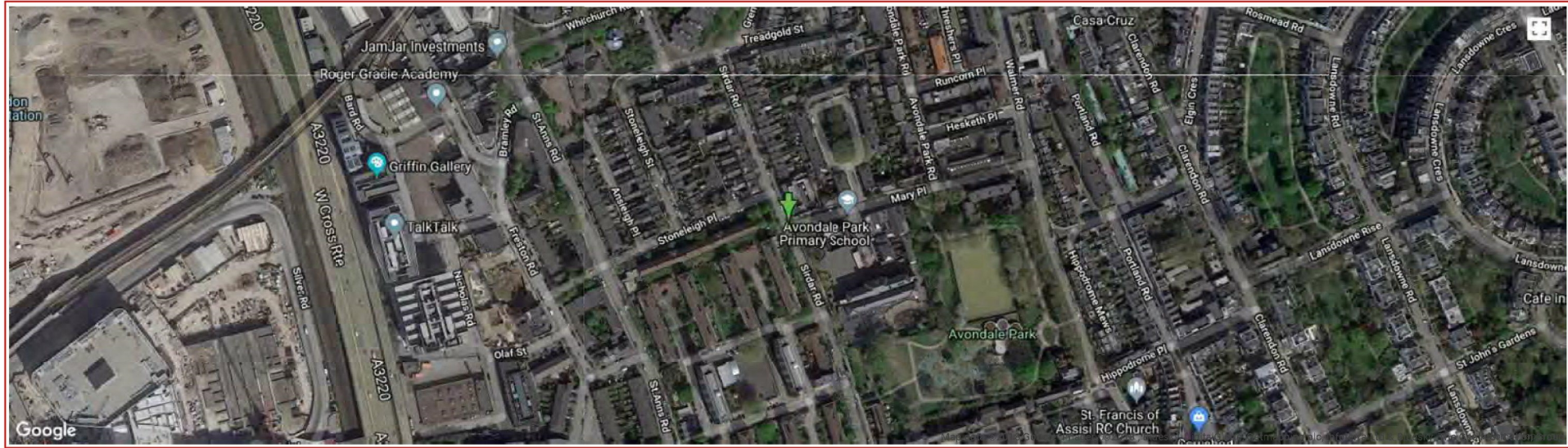
Click image to isolate; click this text to show histogram

🔍🔗🔗🔗🔗

Main JPG image displayed here at 12% width (1/25 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

## EXIF

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 03:16:25 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/8
F Number	2.00
ISO	640
Exif Version	0220
Date/Time Original	2017:06:14 03:16:25 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Create Date	2017:06:14 03:16:25 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/8
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	802,766
Sub Sec Time Original	802,766
Sub Sec Time Digitized	802,766
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.511136 degrees
GPS Longitude Ref	West
GPS Longitude	0.214728 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	0 m
GPS Time Stamp	02:16:20
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 38 minutes, 21 seconds ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	3,868
Thumbnail Image	(3,868 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:16:25%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:16:25 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	82 08 00 00 78 9c ed db 7b 70 54 e5 19 06 f0 e7 5c f6 92 4d [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.5 MB
File Type Extension	.jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.511136 degrees N
GPS Longitude	0.214728 degrees W
GPS Altitude	0 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:16:20Z 11 months, 7 days, 10 hours, 22 minutes, 1 second ago
GPS Position	51.511136 degrees N, 0.214728 degrees W
Megapixels	8.3
Shutter Speed	1/8
Create Date	<b>2017:06:14</b> 03:16:25.802766 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:16:25.802766 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Modify Date	<b>2017:06:14</b> 03:16:25.802766 11 months, 7 days, 2 hours, 21 minutes, 56 seconds ago
Light Value	2.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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Jeffrey last modified this viewer on Jan 9, 2018.  
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# Jeffrey's Image Metadata Viewer

URL:

File:

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Jeffrey Friedl's Image Metadata Viewer

(How to use)

Some of my other stuff

· My Blog

· Lightroom plugins

· Pretty Photos

· "Photo Tech"

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.  or perhaps an Amazon gift certificate (to:  or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file:	DSC_2094.JPG
Camera:	Sony E6853
Lens:	4.2 mm
Exposure:	Auto exposure, 1/8 sec, f/2, ISO 640
Flash:	Auto, Fired
Date:	June 14, 2017 3:16:28AM (timezone not specified) (11 months, 7 days, 9 hours, 23 minutes, 32 seconds ago, assuming image timezone of GMT)
Location:	Latitude/longitude: 51° 30' 39.9" North, 0° 12' 53.2" West ( 51.511092, -0.214780 )  Location guessed from coordinates: 61 Sirdar Rd, London W11 4EH, UK  Map via embedded coordinates at: <a href="#">Google</a> , <a href="#">Yahoo</a> , <a href="#">WikiMapia</a> , <a href="#">OpenStreetMap</a> , <a href="#">Bing</a> (also see the Google Maps pane below)  Altitude: 60 meters (197 feet) Timezone guess from earthtools.org: <a href="#">GMT</a>
File:	3,840 × 2,160 JPEG (8.3 megapixels) 2,689,507 bytes (2.6 megabytes)
Color Encoding:	<div><b>WARNING:</b> Color space tagged as sRGB, without an embedded color profile. Windows and Mac browsers and apps treat the colors randomly.</div> <div>Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.</div>

Extracted 160 × 120 4.0-kilobyte “EXIF:ThumbnailImage” JPG

Displayed here at 200% (1/100 the area of the original)

Note: thumbnail size does not match image size — image crop not reflected in thumbnail?

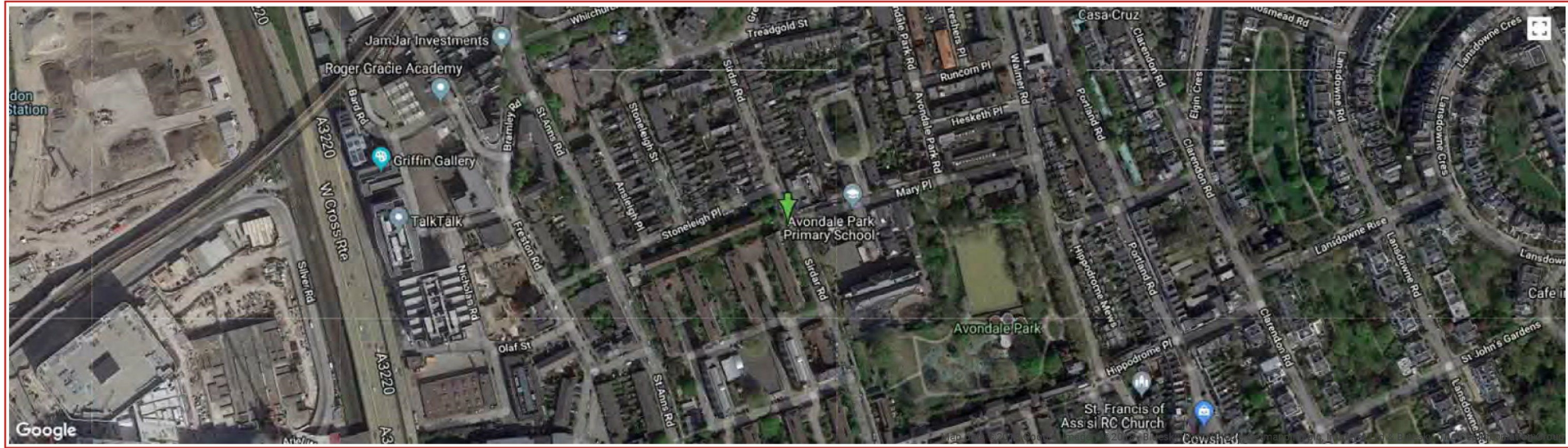


Click image to isolate; click this text to show histogram

Main JPG image displayed here at 12% width (1/75 the area of the original)



Click image to isolate; click this text to show histogram



Here's the full data:

Exif Image Size	3,840 × 2,160
Make	Sony
Camera Model Name	E6853
Software	32.3.A.2.33_0_f500
Modify Date	2017:06:14 03:16:28 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Y Cb Cr Positioning	Centered
Exposure Time	1/8
F Number	2.00
ISO	640
Exif Version	0220
Date/Time Original	2017:06:14 03:16:28 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Create Date	2017:06:14 03:16:28 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Components Configuration	Y, Cb, Cr, -
Shutter Speed Value	1/8
Exposure Compensation	0
Metering Mode	Multi-segment
Light Source	Unknown
Flash	Auto, Fired
Focal Length	4.2 mm
Maker Note Sony	(20,292 bytes binary data)
Sub Sec Time	812,168
Sub Sec Time Original	812,168
Sub Sec Time Digitized	812,168
Flashpix Version	0100
Color Space	sRGB
Interoperability Index	R98 - DCF basic file (sRGB)
Interoperability Version	0100

Custom Rendered	Normal
Exposure Mode	Auto
White Balance	Auto
Digital Zoom Ratio	1
Scene Capture Type	Standard
Subject Distance Range	Unknown
GPS Version ID	2.2.0.0
GPS Latitude Ref	North
GPS Latitude	51.511092 degrees
GPS Longitude Ref	West
GPS Longitude	0.214780 degrees
GPS Altitude Ref	Above Sea Level
GPS Altitude	60 m
GPS Time Stamp	02:16:24
GPS Status	Measurement Active
GPS Map Datum	WGS-84
GPS Date Stamp	<b>2017:06:14</b> 11 months, 7 days, 5 hours, 40 minutes ago
Compression	JPEG (old-style)
Orientation	Rotate 90 CW
Resolution	72 pixels/inch
Thumbnail Length	4,061
Thumbnail Image	(4,061 bytes binary data)

MakerNotes

Soft Skin Effect	Off
Sony 0x2024	IIN%00%00%012017:06:14 03:16:28%00p%08%00%0f(8 null bytes)%612%00%03(14 null bytes)[...]
Sony 0x2025	0 0 0 0
Sony Shot Info 0x0000	73
Sony Shot Info 0x0001	73
Face Info Offset	94
Sony Shot Info 0x0004	2
Sony Shot Info 0x0005	1
Sony Date Time	<b>2017:06:14</b> 03:16:28 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Sony Image Height	2,160
Sony Image Width	3,840
Sony Shot Info 0x001e	0
Sony Shot Info 0x001f	0
Sony Shot Info 0x0020	122
Sony Shot Info 0x0021	8
Sony Shot Info 0x0022 ~ 0x002f	0 (14 times)
Faces Detected	0
Face Info Length	26
Meta Version	
Sony Shot Info 0x0044 ~ 0x005b	0 (24 times)
Sony Shot Info 0x005c	26
Sony Shot Info 0x005d ~ 0x012d	0 (209 times)
Sony 0x9401	16 01 94 0e 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9404	03 01 10 04 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9408	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x9409	fe 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [...]
Sony 0x940e	97 08 00 00 78 9c ed db 7b 70 54 d5 1d 07 f0 ef dd 7b f7 91 [...]

File — basic information derived from the file.

File Type	JPEG
MIME Type	image/jpeg
Exif Byte Order	Little-endian (Intel, II)
Encoding Process	Baseline DCT, Huffman coding
Bits Per Sample	8
Color Components	3
File Size	2.6 MB
File Type Extension	jpg
Image Size	3,840 × 2,160
Y Cb Cr Sub Sampling	YCbCr4:2:0 (2 2)

Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

GPS Latitude	51.511092 degrees N
GPS Longitude	0.214780 degrees W
GPS Altitude	60 m Above Sea Level
Aperture	2.00
GPS Date/Time	<b>2017:06:14</b> 02:16:24Z 11 months, 7 days, 10 hours, 23 minutes, 36 seconds ago
GPS Position	51.511092 degrees N, 0.214780 degrees W
Megapixels	8.3
Shutter Speed	1/8
Create Date	<b>2017:06:14</b> 03:16:28.812168 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Date/Time Original	<b>2017:06:14</b> 03:16:28.812168 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Modify Date	<b>2017:06:14</b> 03:16:28.812168 11 months, 7 days, 2 hours, 23 minutes, 32 seconds ago
Light Value	2.3
Focal Length	4.2 mm

ExifTool

Warning	[minor] Unknown APP4 segment
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80. Histograms created with [ImageMagick](#).  
Jeffrey last modified this viewer on Jan 9, 2018.  
Photos and data viewed with this service are not shared with anyone else, nor are they saved beyond the temporary period needed for the service to function.



# Jeffrey's Image Metadata Viewer

Jeffrey Friedl's Image Metadata Viewer  
([How to use](#))

## Some of my other stuff

· [My Blog](#) · [Lightroom plugins](#) · [Pretty Photos](#)  
· ["Photo Tech"](#)

**URL:** URL of image on the web

OR...

**File:**  No file selected.

I'm not a robot

reCAPTCHA  
[Privacy](#) - [Terms](#)

This tool remains available so long as I can keep it free and the bandwidth doesn't cost me too much. A gift of thanks is always appreciated, but certainly not required.

, or perhaps an Amazon gift certificate (to: XXXXXXXXXX), or perhaps send me some good karma by doing something kind for a stranger.

If you have questions about this tool, please [see the FAQ](#).

## Basic Image Information

Target file: 999\_2017\_06\_14\_01\_37\_03\_[1].m4a

Date:	<b>June 14, 2017</b> 12:40:01AM (timezone not specified) (11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago, assuming image timezone of US Pacific)
File:	MP4 490,363 bytes (479 kilobytes)
Color Encoding:	<b>WARNING:</b> No color-space metadata and no embedded color profile: <b>Windows and Mac web browsers treat colors randomly.</b> <hr/> Images for the web are most widely viewable when in the sRGB color space and with an embedded color profile. See my <a href="#">Introduction to Digital-Image Color Spaces</a> for more information.

Here's the full data:

## QuickTime

Major Brand	MP4 v2 [ISO 14496-14]
Minor Version	0.0.0
Compatible Brands	isom, mp42
Free	(3,185 bytes binary data)
Movie Data Size	410,204
Movie Data Offset	3,225
Movie Data	(410,204 bytes binary data)
Movie Header Version	0
Create Date	<b>2017:06:14</b> 00:40:01 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Modify Date	<b>2017:06:14</b> 00:40:01 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Time Scale	1,000
Duration	0:02:29
Preferred Rate	1
Preferred Volume	100.00%
Matrix Structure	1 0 0 0 1 0 0 0 1
Preview Time	0 s
Preview Duration	0 s
Poster Time	0 s
Selection Time	0 s
Selection Duration	0 s
Current Time	0 s

Next Track ID	2
Handler Type	Audio Track
Handler Type	Metadata Tags
Com Android Version	7.0
Track Header Version	0
Track Create Date	<b>2017:06:14 00:40:01</b> 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Track Modify Date	<b>2017:06:14 00:40:01</b> 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Track ID	1
Track Duration	0:02:29
Track Layer	0
Track Volume	100.00%
Media Header Version	0
Media Create Date	<b>2017:06:14 00:40:01</b> 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Media Modify Date	<b>2017:06:14 00:40:01</b> 11 months, 7 days, 5 hours, 41 minutes, 18 seconds ago
Media Time Scale	44,100
Media Duration	0:02:29
Handler Description	SoundHandle
Balance	0
Audio Format	mp4a
Audio Channels	1
Audio Bits Per Sample	16



Audio Sample Rate	44,100
Unknown esds	(31 bytes binary data)
Time To Sample Table	(50,584 bytes binary data)
Sample Sizes	(25,708 bytes binary data)
Sample To Chunk	(20 bytes binary data)
Chunk Offset	(12 bytes binary data)

**File** — basic information derived from the file.

File Size	479 kB
File Type	MP4
File Type Extension	mp4
MIME Type	video/mp4

## Composite

This block of data is computed based upon other items. Some of it may be wildly incorrect, especially if the image has been resized.

Avg Bitrate	22 kbps
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This application uses Phil Harvey's most excellent [Image::ExifTool](#) library, version 10.80.

Jeffrey last modified this viewer on Jan 9, 2018.

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