

MCS

MIKE'S CAMERA SCHOOL

PHOTO VIDEO MEDIA

hawk quest

presented by: joe klocek

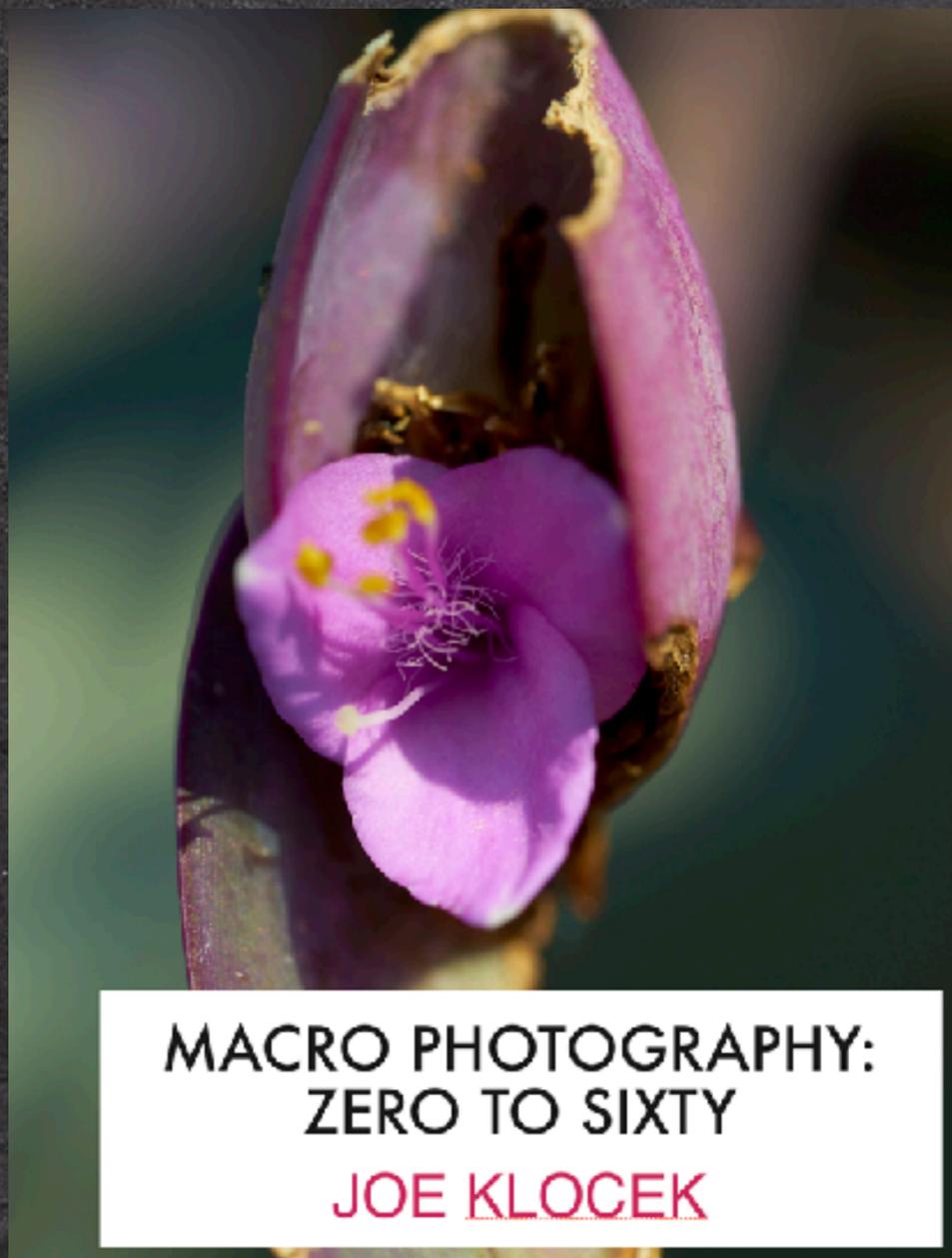
joe.klocek@gmail.com
Joe Klocek on Facebook



- composition
- night photography: light painting
- night photography: downtown
- hawk quest
- hudson gardens
- videography: chalk art festival
- sony dslr
- product photography
- lighting 101: perfect people shots
- lighting 102: speed light workshops
- lighting 201: in the studio
- wild mustang sanctuary

Macro Photography: Zero to Sixty

On the iBooks store



hawk quest

- * Since 1986
- * Operated by Master Falconer Kin Quitugua
- * Caring for wounded birds of prey



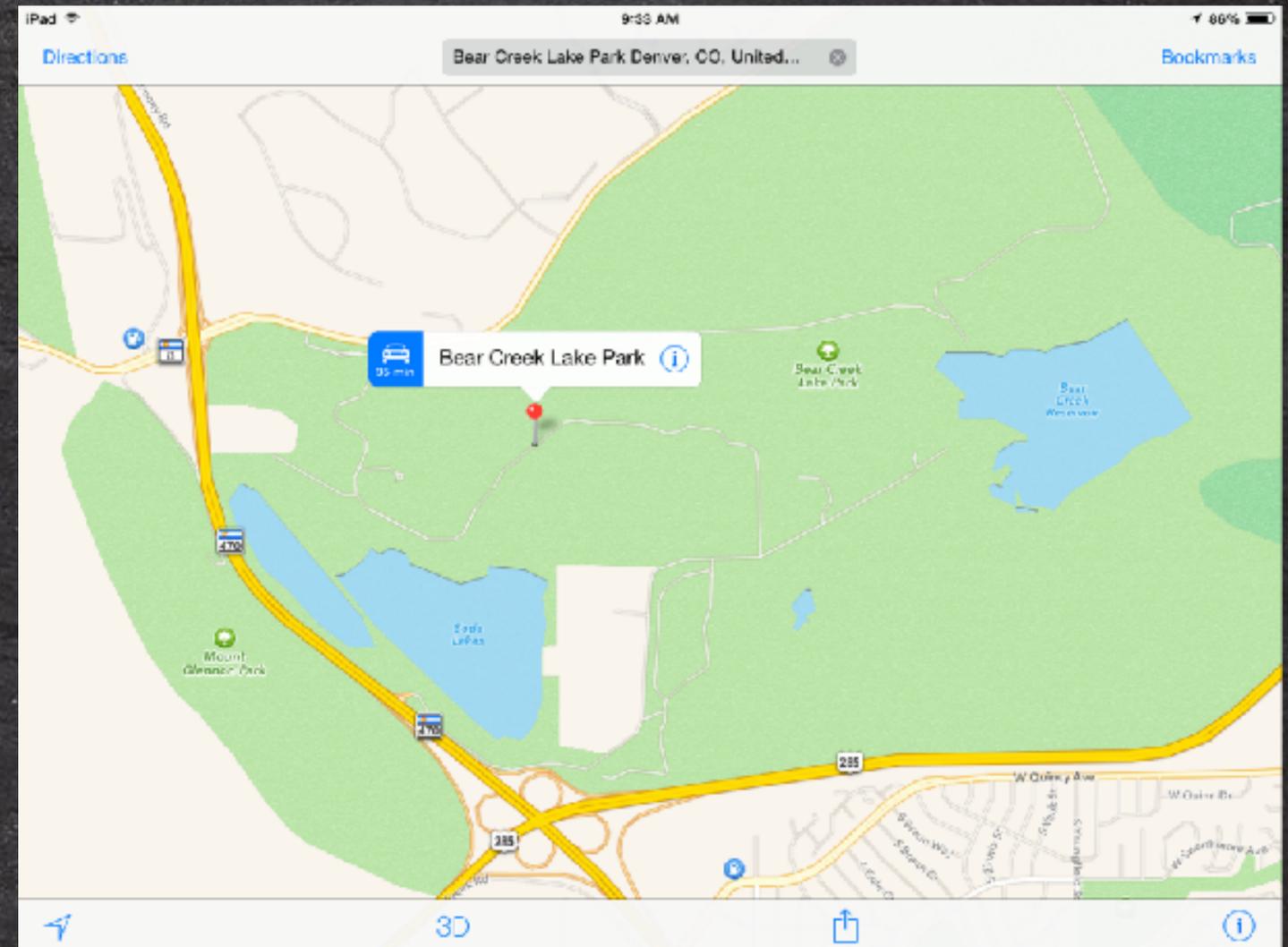
tamron

- * Lenses available for use, free, starting at 7:30
- * Nikon, Canon, Sony mount (limit to availability)
- * Variety of focal lengths, for different creative objectives
- * Event lens specials



the shoot

- * 8:00 - 11:00, Saturday
- * Bear Creek Lake Park, at cottontail c-470 and Morrison Rd
- * Signed Waiver, turn in tonight
- * Demo Tamron Lenses
- * Several groups, rotating
- * Headshots
- * \$10 entrance to park



the review

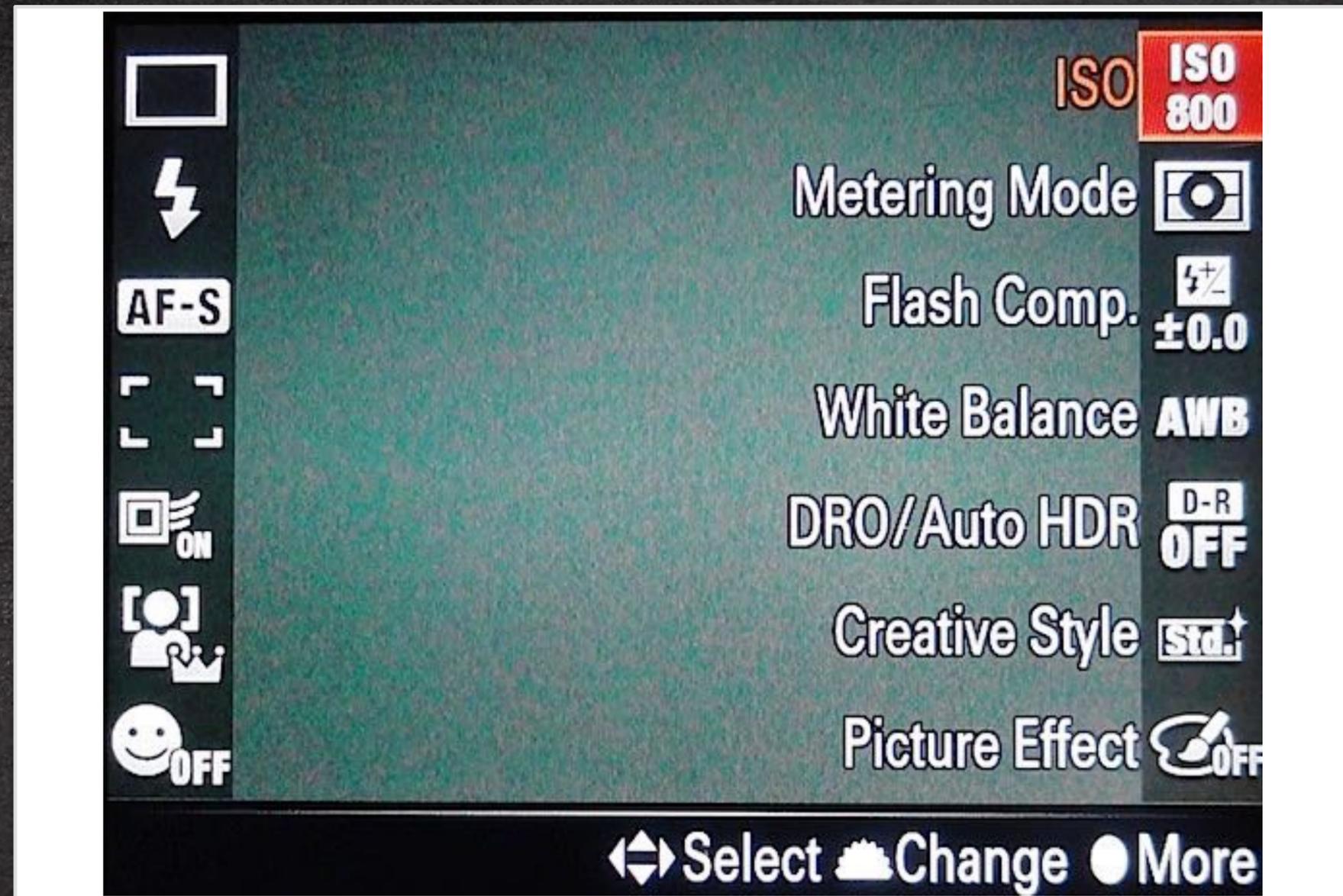
- * Tuesday, 6:30 - 8:30
- * Meet at this location
- * Print 1 image through mikescamera.com, online photo center, order with express prints, order 12x18, in comments say “for hawk quest critique”, mark as pay in store, choose this location
- * Bring 2 electronically



portraits and action

a tour of your
camera





metering

what light within the frame does the camera care about when creating an exposure?



metering

camera divides the viewable area within the frame into segments which independently analyze how much light hits each one



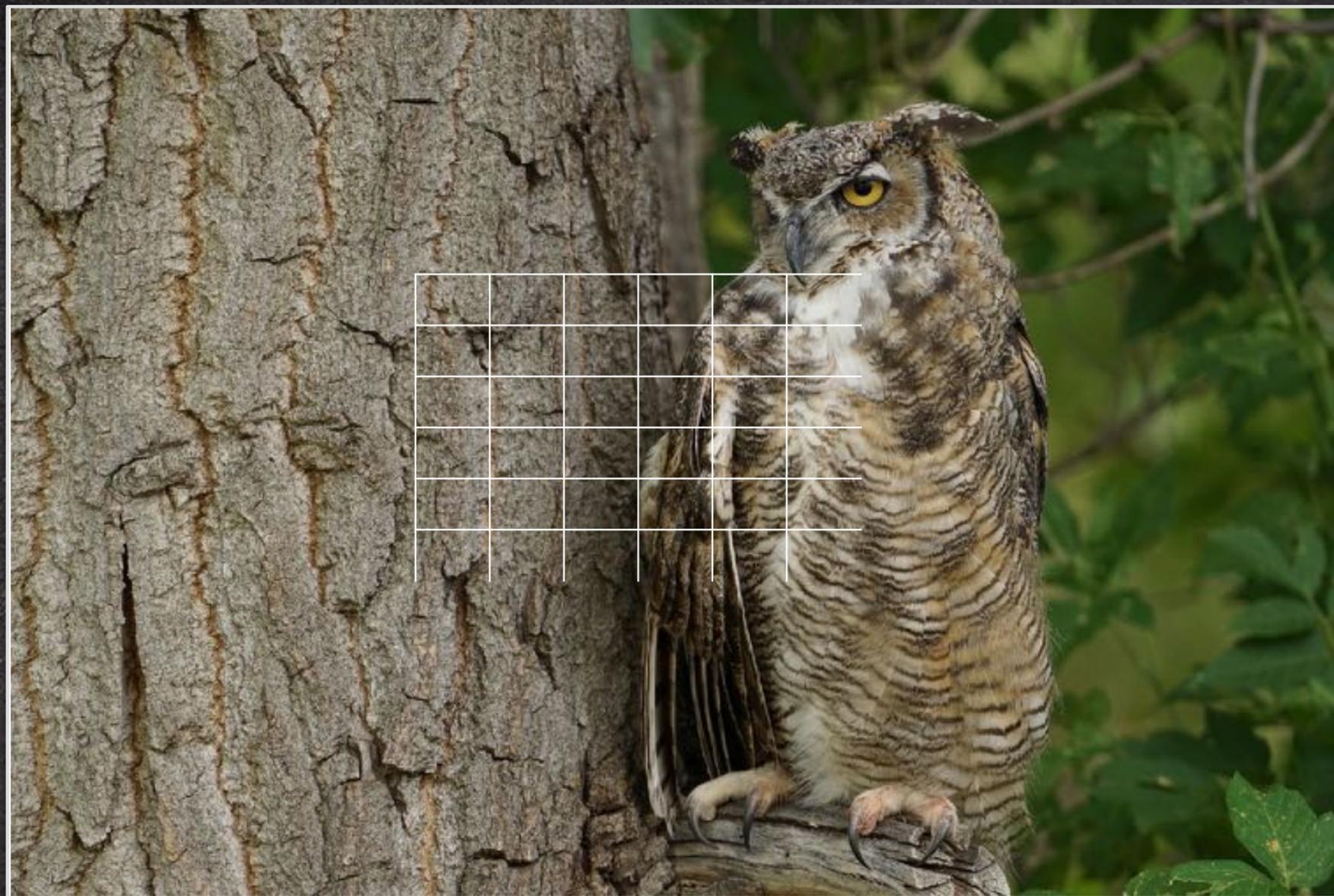
metering

there are three metering modes; multi segmented, center weighted, and spot



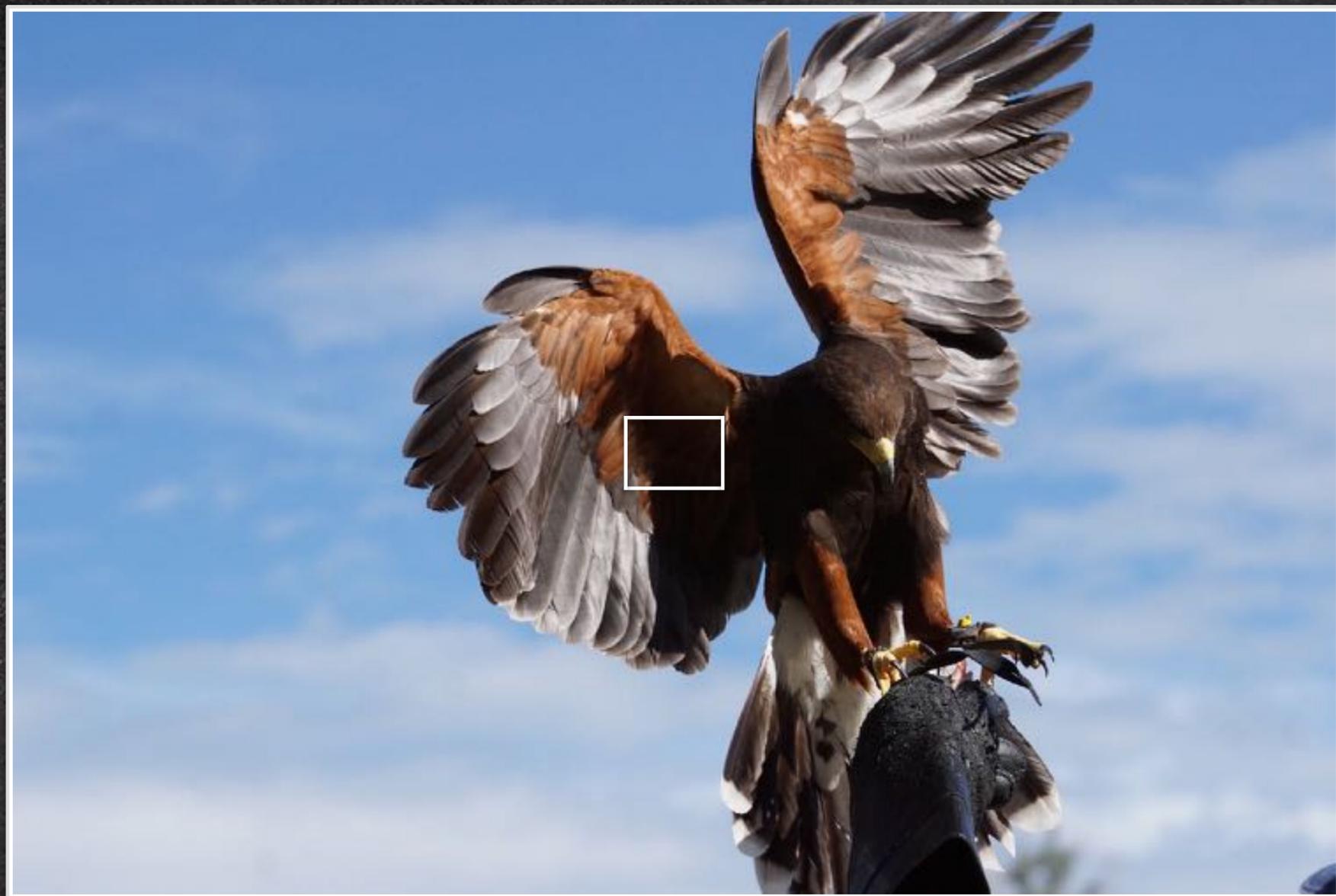
multi segmented

averages segments from the whole frame



center weighted

disproportionately cares about (or “weights”) the middle 25% of the frame as more important than the surrounding 75%



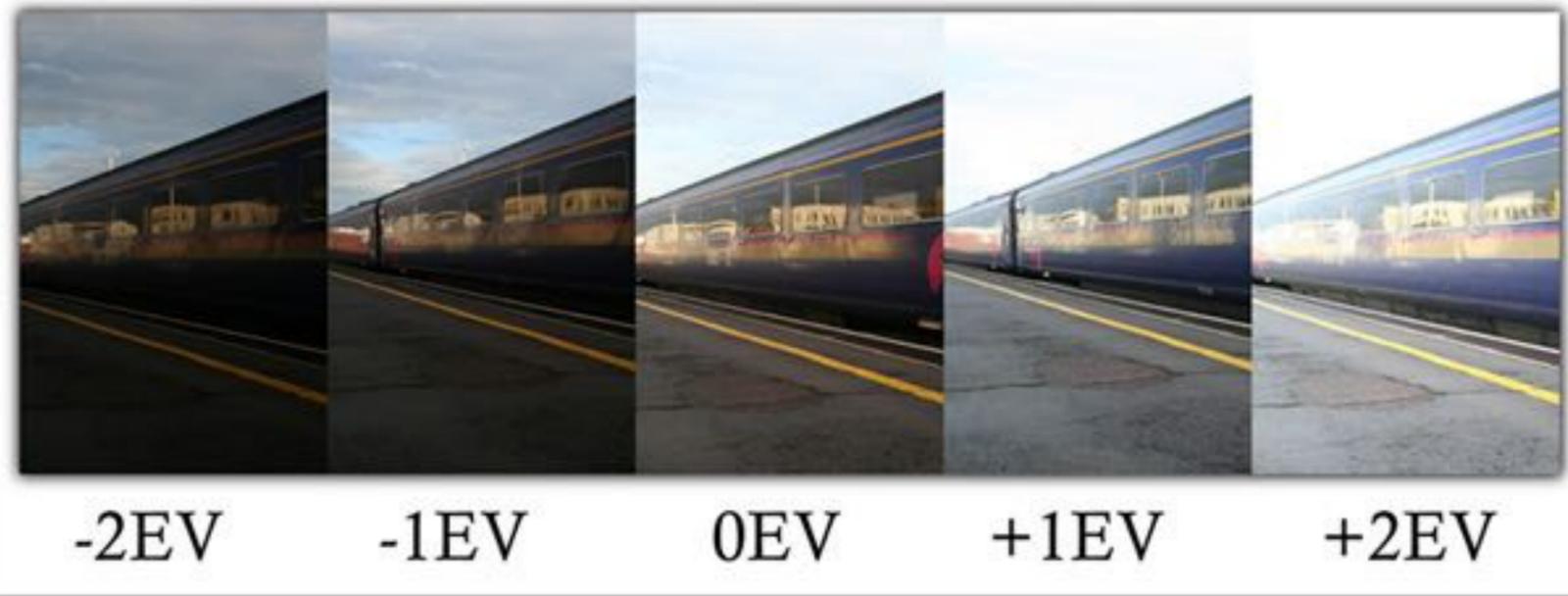
spot

measures the lighting hitting the very center of the frame



Exposure compensation

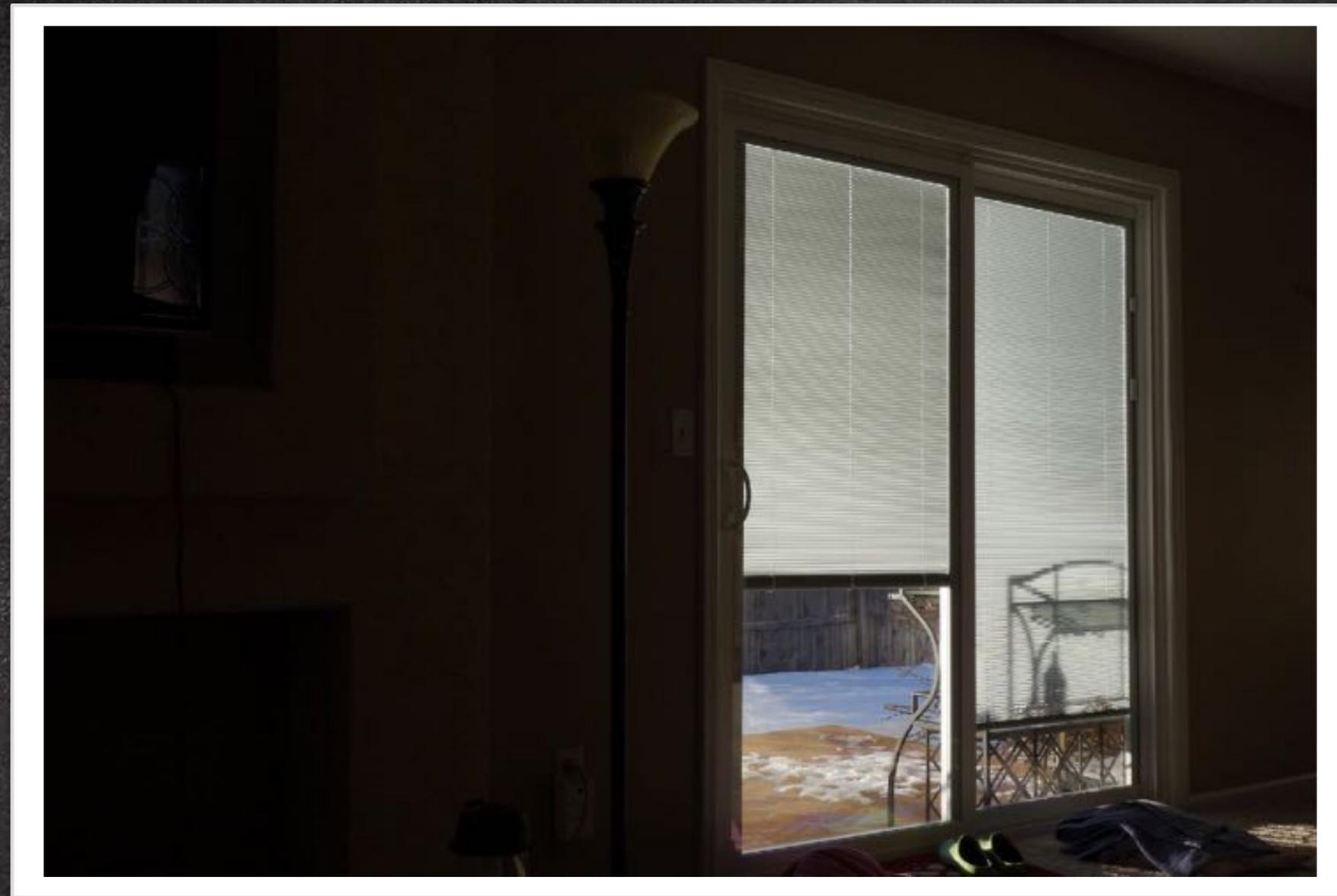
control over the brightness of your shot
a way of beginning to take manual exposure control



Exposure compensation

control over the brightness of your shot

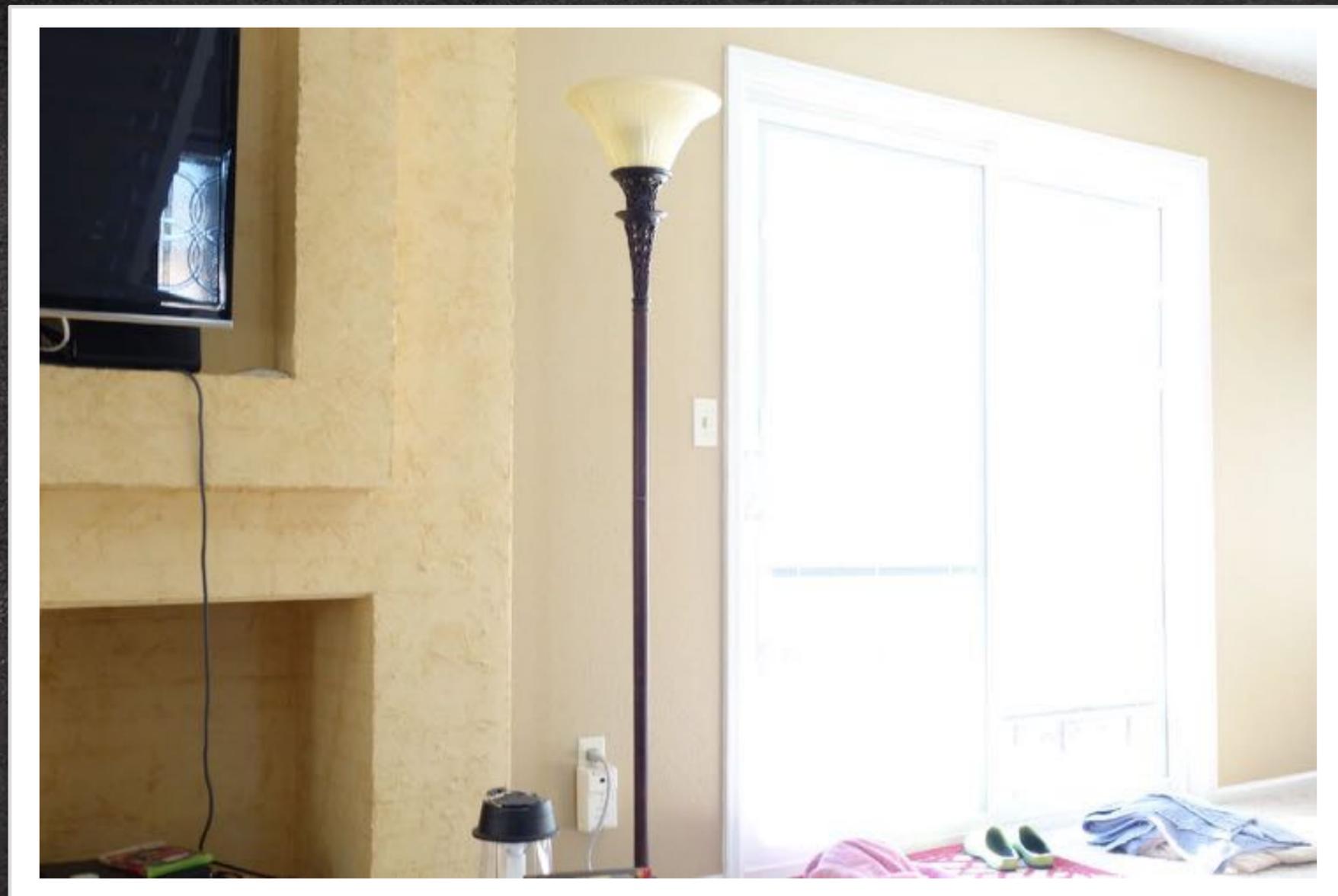
a way of beginning to take manual exposure control



Exposure compensation

control over the brightness of your shot

a way of beginning to take manual exposure control



Exposure compensation

control over the brightness of your shot

a way of beginning to take manual exposure control

ISO

- 📷 control over your camera's sensitivity to light
- 📷 greater sensitivity leads to increased digital noise
- 📷 best way to remember ISO is to consider it a crutch for shutter speed



iso 100



iso 3200



iso 12800

aperture



aperture



aperture



factors to depth of field

-  f/stop
-  proximity
-  focal length









shutter





1/2000



1/60

joe's rule of 4 shutter speeds

 1/30

 1/60

 1/125

 1/250



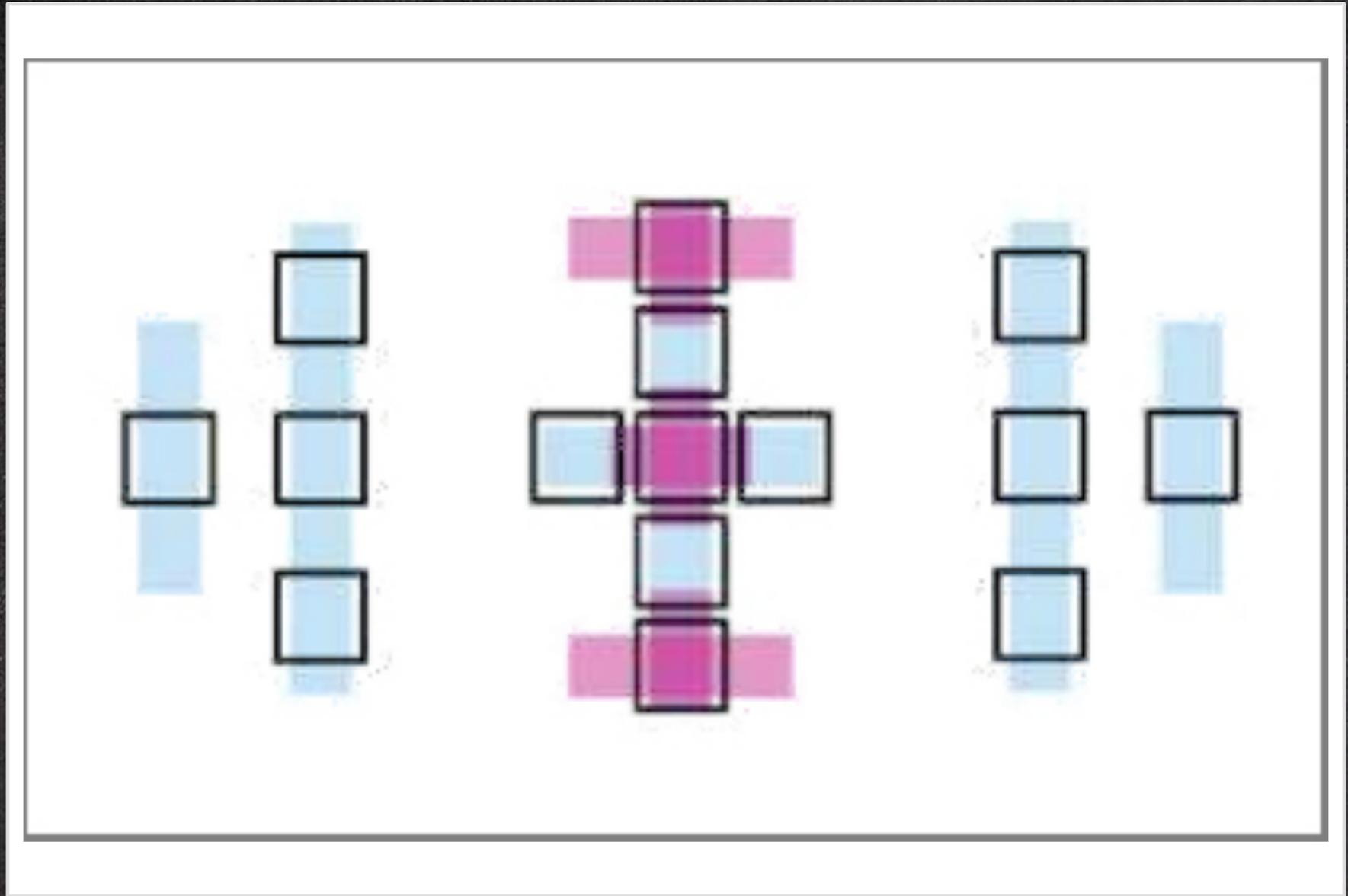
portrait techniques





expression

use single focus point selection to make sure the eye is in focus



Focus Area

Wide
Area
Spot



expression

Many of these shots rely on shutter speeds of 1/250 and faster, allowing for frozen action and shallow DoF



expression

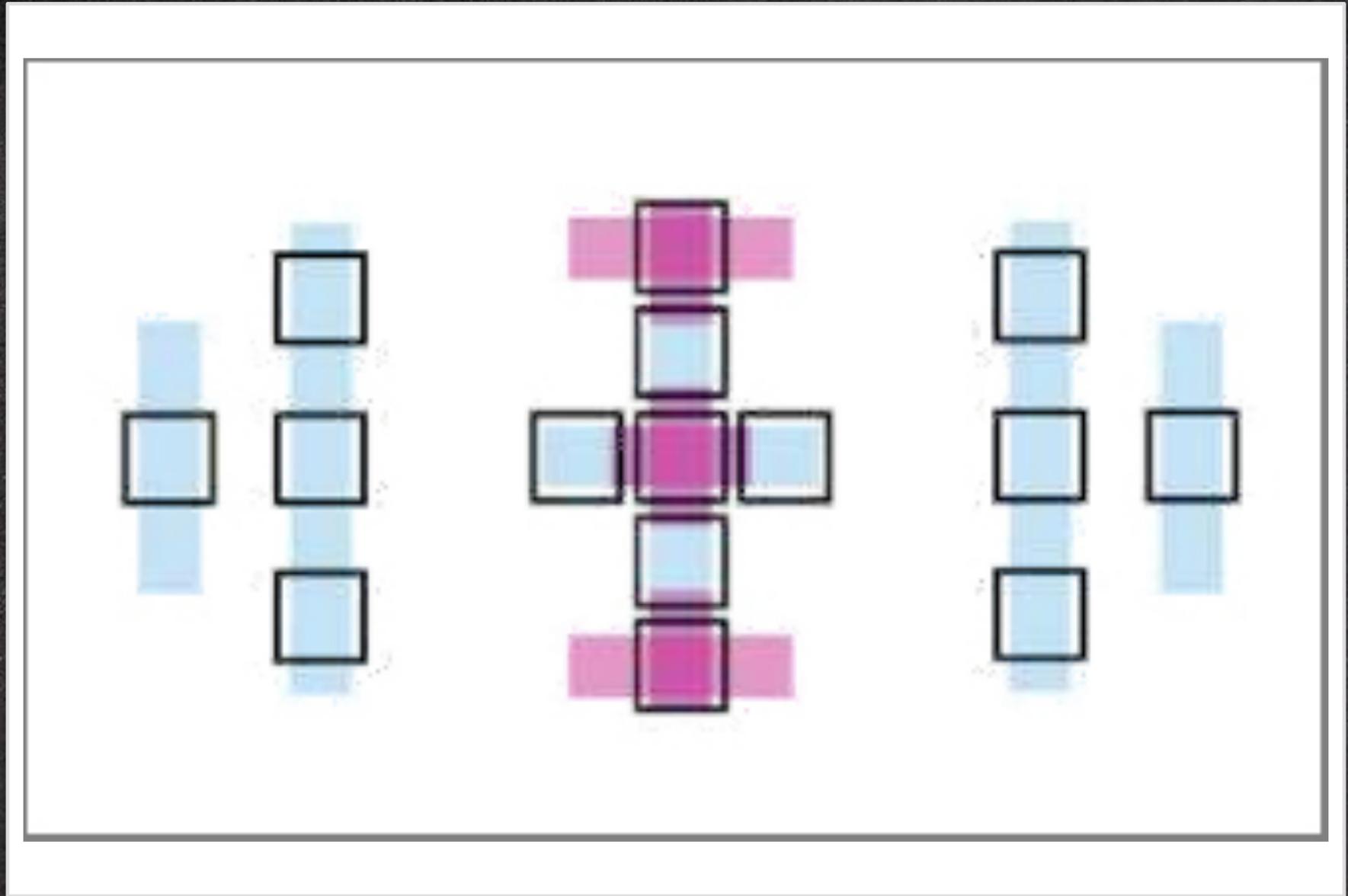


focusing action

focus mode

- AF-A
- AF-S
- AF-C
- subject tracking





Focus Area

Wide
Area
Spot

subject tracking

- 📷 nikon is 3d focusing
- 📷 canon uses continuous af and then some cameras use an af menu system to inform the camera of the type of action to anticipate



subject tracking

- 📷 sony uses lock on af (expand flexible spot) to track an identified subject
- 📷 olympus and panasonic use touch screen and continuous af to identify and track the subject



action

- * Aim for a shutter speed of at least 1/1000
- * Your ISO will likely have to increase to accomplish this
- * Truncate your focus crosshairs for better predictive focusing



action



- * Drive mode
- * Know the direction of the action
- * Pre-focus VS continuous focus
- * Shutter speed
- * Aperture control to ensure focus
- * Shoot JPEG for greater burst numbers

action



- * Don't crop too much with the camera, leave space for the animal for move erratically
- * Watch your background

action



- * Focus on branch
- * Burst shooting as she lands

pre-focus



- * Focus on an appropriate distance
- * Switch to manual focus
- * Wait for the action



in flight



in flight

follow focus



JPEG 256 shades



RAW 512 shades



the RAW truth

JPEG 256 shades



RAW 65,536 shades



the RAW truth

white balance

RAW



JPEG

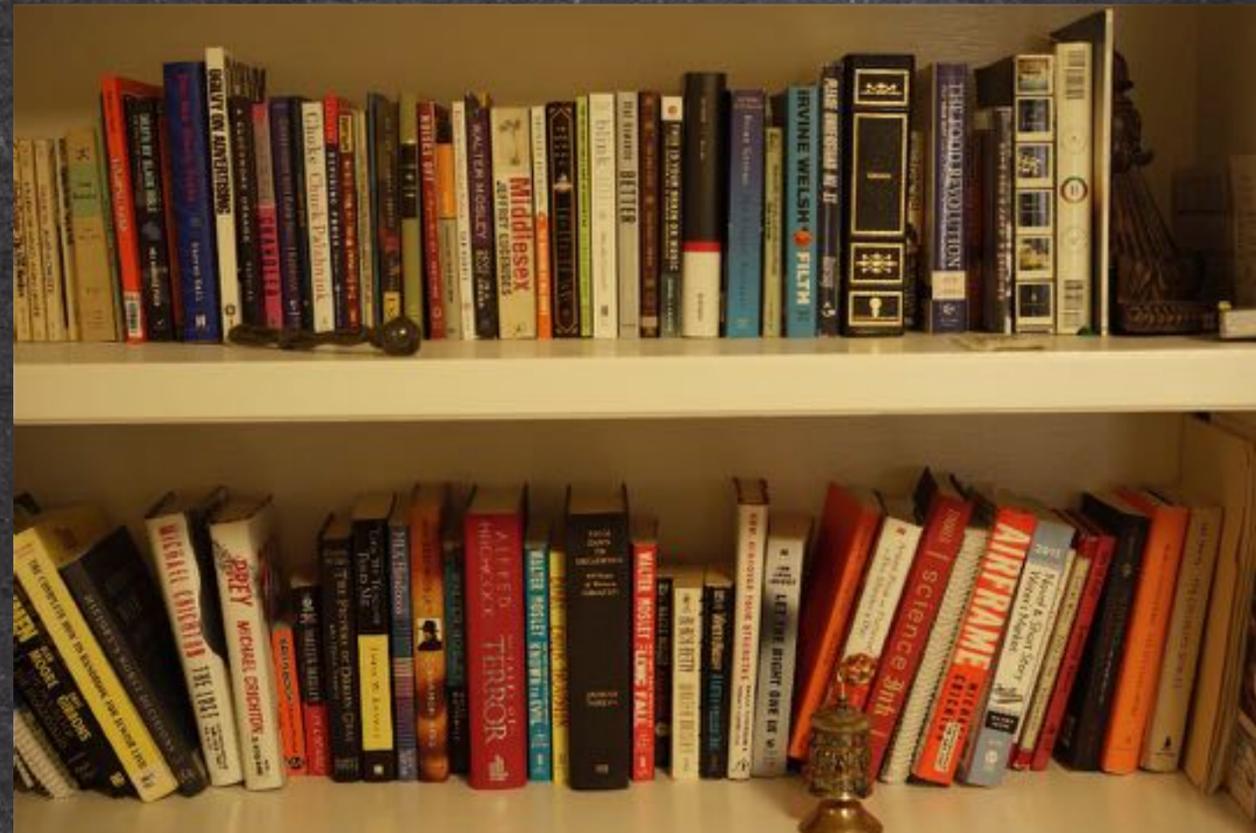


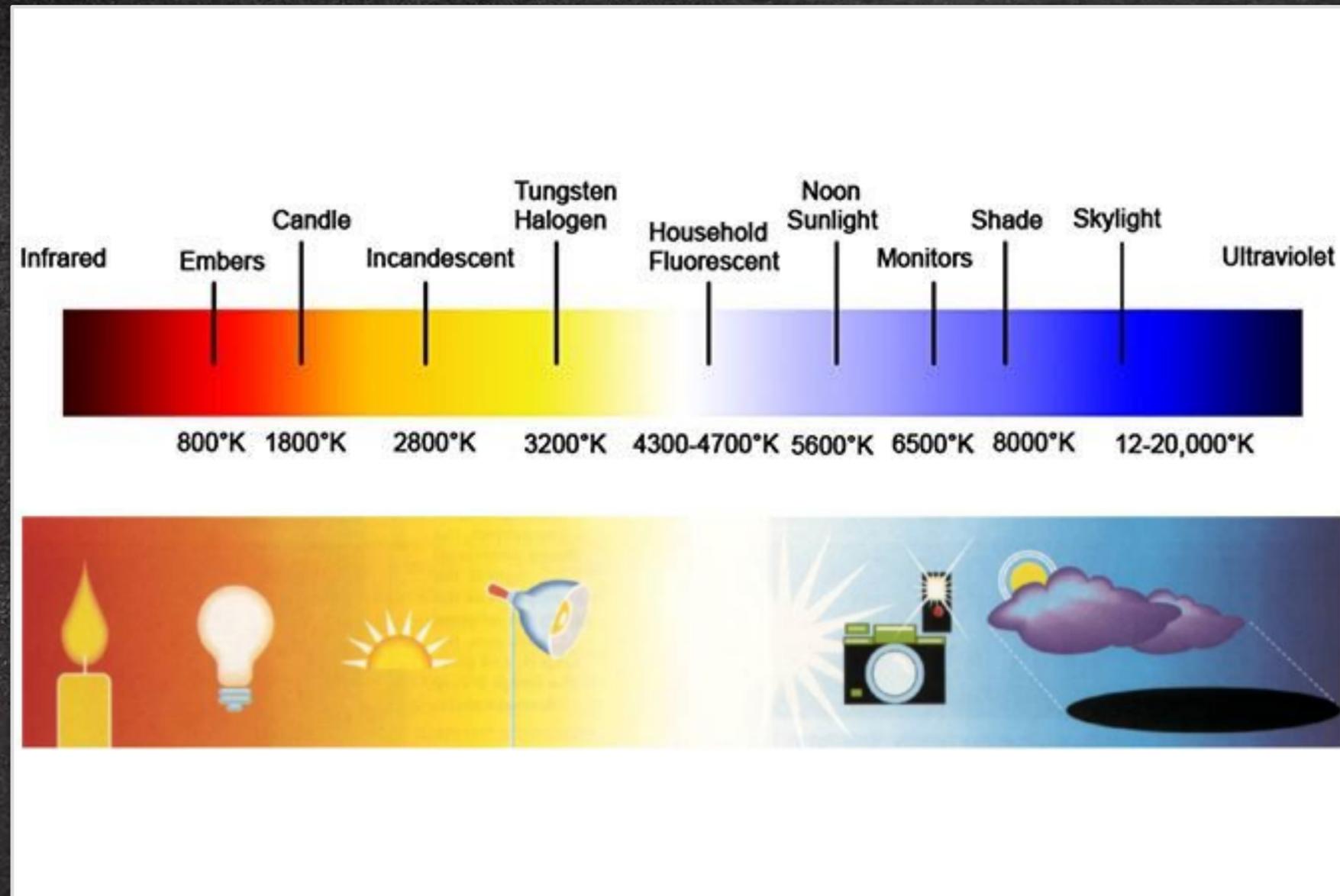
white balance

RAW



JPEG





white balance

- But we can measure the color of light with the Kelvin temperature scale
- By measuring the color of light, our cameras can adjust accordingly to give us accurate color



what to bring

- * 24-70mm for environment
- * 70-150mm for portraits
- * 150mm + for details



what to bring

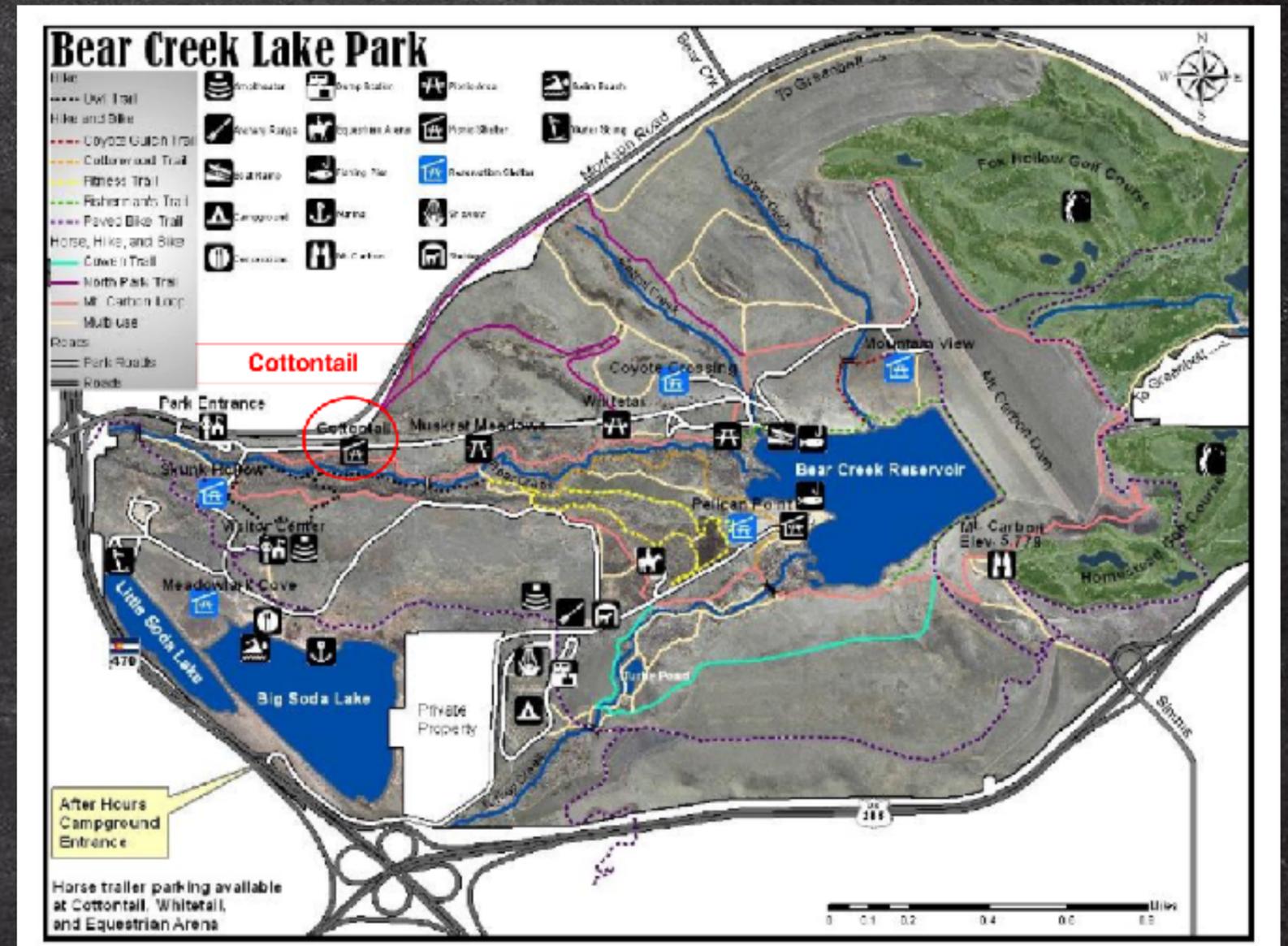
- * extra memory, polarized filter, monopod, and batteries





the shoot

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- * Bear Creek Lake Park, at cottontail
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MCS

MIKE'S CAMERA SCHOOL

PHOTO VIDEO MEDIA

screech owl



spectacled owl



long-eared owl



great horn owl



barred owl



eurasian eagle owl





reverse engineer

70mm, focus lock on hand, f/5.6, 1/1600, ISO
640



reverse engineer

200mm, focus lock on eye, f/5.6, 1/100, ISO 100



reverse engineer

70mm, focus tracking, f/4, 1/2500, ISO 1000

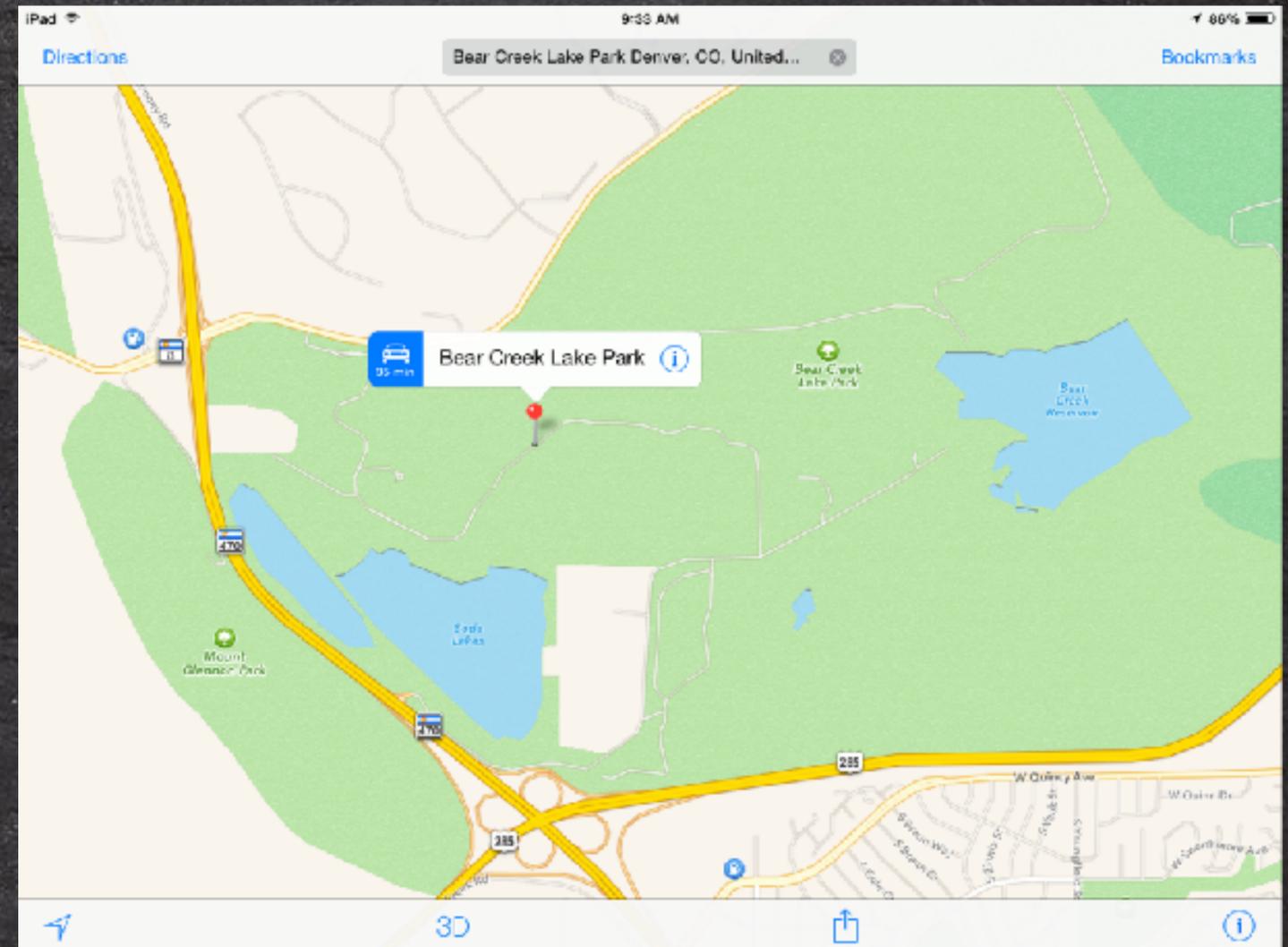




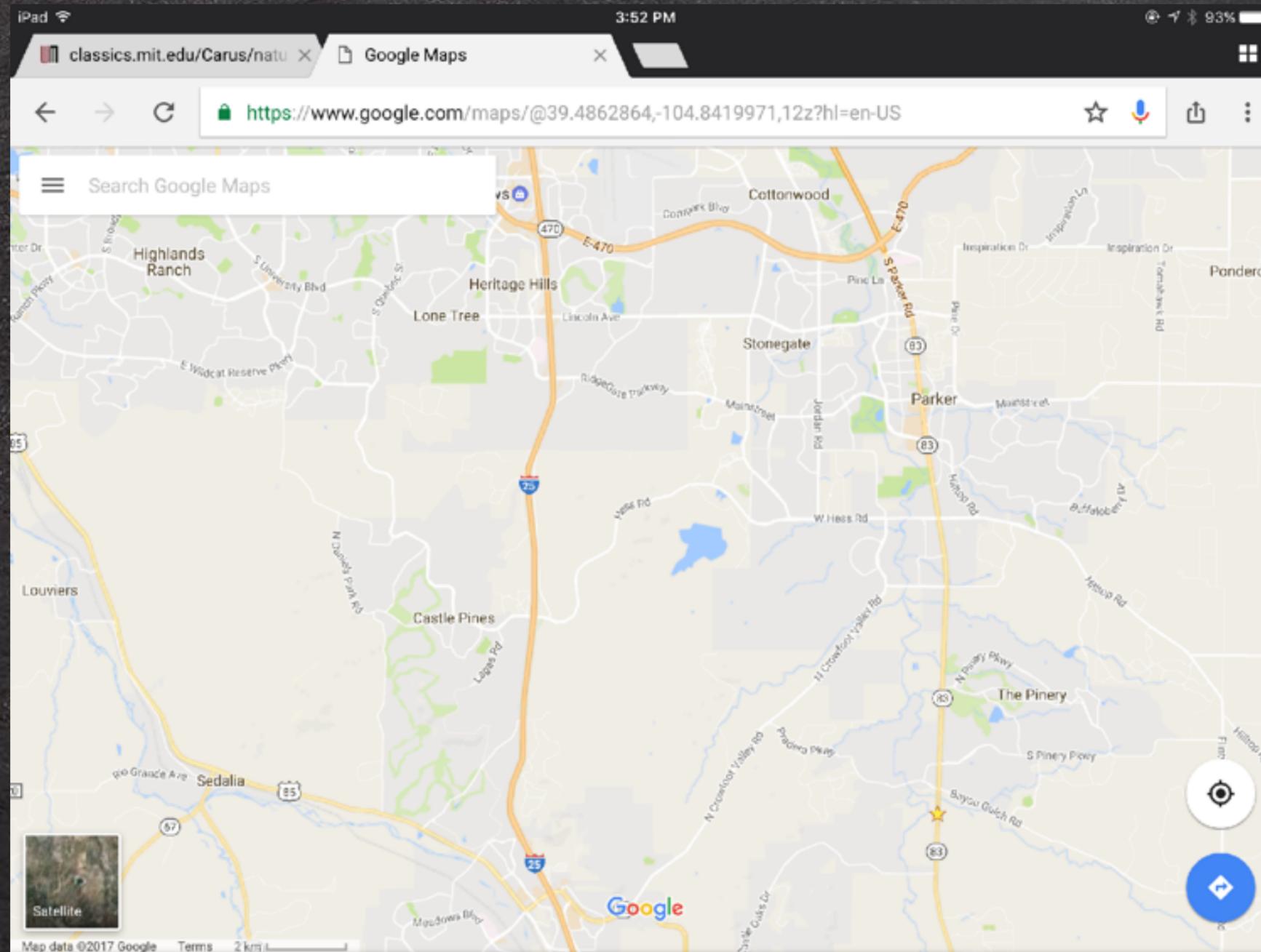


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the shoot



the shoot
Peregrine falcon
Bald eagle
Aplomado falcon
Eurasia eagle owl
Barred owl
Barn owl
Flying Harris

the shoot

- * 8:00 - 11:00, Saturday
- * prairie canyon range
4620 South Street Hwy 83
- * Signed Waiver, turn in tonight
- * Demo Tamron Lenses
- * Several groups, rotating
- * Headshots
- * Flying the Harris Hawk



the shoot

Location: Prairie Canyon Ranch in Franktown

4620 South Street Hwy 83

From the North it's 1.9 miles past Castlewood Canyon State Park

At mile marker 44

On East side of the road

There will be a Hawk Quest/Mike's Camera sign at the entrance

There is a cattle crossing with a gate at the entrance

*



the shoot

Arrive between 7:00 and 7:30. There is a cattle crossing gate. It will be closed before 7:00 and after 7:30. We will let cars in after that until 7:45. Which will be the last opportunity to get in.

Follow the dirt road until you see the parking sign for this workshop. You will need to park in this designated field (see pictures below)

Meet at the Mikes Tent east of the parking lot to sign in and for Tamron demo lenses.

*



the shoot

Recommend long pants

No open toed shoes – There is a lot of cactus on the property

There will be some walking involved to get to each station

There is no way to enter the workshop after 7:45

Cell service is tough at this location

We will provide water

There are portable restrooms available

There will be six owls and six different stations

Watch your step or where you stand for cactus

Interesting equipment around starting point

