



IHB File S3/1401/WG

**INVITATION TO ATTEND THE 6TH MEETING OF THE IHO CROWD-SOURCED
BATHYMETRY WORKING GROUP
BOULDER, COLORADO, USA, 19-21 JUNE 2018**

10 January 2018

Dear CSBWG Members and Observers,

1. All members and observers of the CSBWG are hereby invited to attend the 6th meeting of the CSBWG which will be held at the NOAA/NCEI Offices, Boulder, Colorado, USA, on 19-21 June 2018. The latest Membership List is attached at Annex A.

2. Everyone attending the meeting must complete the registration form at Annex B and return it to Jennifer Jencks (jennifer.jencks@noaa.gov) no later than 28 May 2018, copied to David Wyatt (adso@iho.int) at the IHO. **All foreign nationals attending the meeting must complete the form at Annex C and return it to LTJG Jason Baillio (via fax 00-1-303-497-6386) as soon as possible but no later than 28 May 2018.** Please fill out the highlighted fields in the form. As the form contains personal information, which will be passed over an unsecured network, the forms should be faxed to 00-1-303-497-6386 for the attention "Jason Baillio". Participants should email Jason Baillio (Jason.Baillio@noaa.gov) as they fax their form so he can be ready to receive it.

The forms are also available on the CSBWG6 web page (www.iho.int/mtg_docs/com_wg/CSBWG/CSBWG2/CSBWG2.htm).

3. Details of the hotel options are available in the Logistics Information document available on the IHO-CSBWG6 web page and at Annex D. Members attending must make their reservations directly with their hotel.

4. Finally anyone requiring a letter of invitation from the USA for the purposes of obtaining a Visa to visit the USA is requested to inform Jennifer Jencks at the earliest opportunity.

On behalf of the Chair, CSBWG,
Yours sincerely,

A handwritten signature in black ink, appearing to read "David Wyatt", is written over a horizontal line.

David Wyatt
Secretary CSBWG

Annexes:

- A. CSBWG membership list.
- B. CSBWG6 registration form.
- C. Foreign visitor form.
- D. Logistics information.

IHO Crowd-Sourced Bathymetry Working Group (CSBWG)
List of Active Members

Member State	Organization	Name	E-mail (correspondence)	E-mail (Google Calendar, Drive, & Hangout access)
Argentina	Servicio de Hidrografia Naval	Fabián Alejandro Vetere	fveter@hidro.gov.ar	
Brazil	Diretoria de Hidrografia e Navegação	Frederico Antonio Saraiva Nogueira	frederico@dhn.mar.mil.br	frederico.asn@gmail.com
Canada	Canadian Hydrographic Service	Serge Gosselin (Vice-Chair)	serge.gosselin@dfo-mpo.gc.ca	
Canada	Canadian Hydrographic Service	Peter Wills	Peter.Wills@dfo-mpo.gc.ca	
China	National Marine Data Information & Service	Fan Miao	fm_nmdis@163.com	
Denmark	DGA	Rune Andersen	rca@gst.dk	
Denmark	DGA	Jens Peter Weiss Hartmann	jepha@gst.dk	
Finland	FTA	Seppo Mäkinen	seppo.h.makinen@fta.fi	
France	SHOM	Thierry Schmitt	thierry.schmitt@shom.fr	thierry_schmitt@yahoo.com
Germany	BSH	Bernd Vahrenkamp	Bernd.Vahrenkamp @bsh.de	
Germany	GEOMAR	Anne-Cathrin Wölfl	awoelfl@geomar.de	
India*	Indian Navy Hydrographic Office	Renny Thomas	ia-inho-navy@nic.in	
Italy	Istituto Idrografico della Marina	Marta Pratellesi	marta.pratellesi@marina.difesa.it	
Italy	Istituto Idrografico della Marina	Erik Biscotti	erikd.biscotti@marina.difesa.it	
Nigeria	Nigerian Navy Hydrographic Office	Chukwuma Azuike	info@nnho.org.ng	azuikeaps@yahoo.com
Norway	Norwegian Mapping Authority Hydrographic Service	Evert Flier	evert.flier@kartverket.no	
Philippines	NAMRIA	Jaya Roperez	jayaroperez@gmail.com	jayaroperez@gmail.com

Portugal	Portuguese Hydrographic Institute	Leonor Veiga	Leonor.Veiga@hidrografico.pt	
Turkey*	Turkish Hydrographic Office	Bülent Gürses	bgurses@shodb.gov.tr	
UK	UKHO	Andy Talbot	Andrew.Talbot@UKHO.gov.uk	
USA	NOAA National Centers for Environmental Information (NCEI)	Jennifer Jencks (Chair)	jennifer.jencks@noaa.gov	jennifer.jencks@noaa.gov
USA	NOAA Office of Coast Survey (OCS)	Anthony Klemm	anthony.r.klemm@noaa.gov	anthony.r.klemm@noaa.gov
USA	NOAA-NCEI	Aaron Rosenberg	aaron.rosenberg@noaa.gov	USA
USA	NOAA OCS	James Miller	james.j.miller@noaa.gov	james.j.miller@noaa.gov
USA	NOAA OCS	Patrick Keown	patrick.keown@noaa.gov	patrick.keown@noaa.gov
USA	NAVO	Raymond Sawyer	raymond.sawyer@navy.mil	
USA	NGA	John Lowell	John.E.Lowell@nga.mil	
USA	NGA	James Ford	James.D.Ford@nga.mil	
USA	NGA	Whitney Anderson (Editor)	Whitney.E.Anderson@nga.mil	
USA	NOAA OCS	Adam Reed	adam.reed@noaa.gov	
USA	Centre for Coastal and Ocean Mapping, University of New Hampshire (UNH CCOM/JHC)	Brian Calder	brc@ccom.unh.edu	brian.r.calder@gmail.com
IHO	IHO	David Wyatt (Secretary)	adso@iho.int	djw9581@gmail.com
Expert Contributor	Caris, Pan American Institute of Geography and History	Paul Cooper	prcooper10@gmail.com	
Expert Contributor	Sea-ID	Kenneth Himschoot	Kenneth.himschoot@sea-id.org	Kenneth.himschoot@sea-id.org
Expert Contributor	Sea-ID	Andrew Schofield	Andrew.schofield@sea-id.org	Andrew.schofield@sea-id.org

Expert Contributor	TeamSurv	Tim Thornton	Tim.Thornton@teamsurv.com	
Expert Contributor	GMATEK, Inc.	Glenn Wright	glenn@gmatek.com	
Expert Contributor*	SevenCs/Chartworld	Emma Fowler	emma.fowler@chartworld.com	
Expert Contributor	SevenCs/Chartworld	Steffen-Hinrich Boie	steffen.boie@sevencs.com	
Expert Contributor	BIMCO	Aron Frank Sørensen	afs@bimco.org	
Expert Contributor	WOC	Paul Holthus	paul.holthus@oceancouncil.org	

* denotes correspondence member

The 6th Crowd-Sourced Bathymetry Working Group Registration Form

IMPORTANT Note: All members must please complete the information requested in this form, and forward it to Jennifer Jencks (Jennifer.Jencks@noaa.gov) no later than **28 May 2018**, copied to David Wyatt (adso@iho.int).

Contact Information:

Email: jennifer.jencks@noaa.gov

Tel: +1- 303-497-6419

Fax: +1- 303-497-6513

Personal details

First names:

Family name:

Organization:

Nationality/ Residential Status

Residential Address- Street

City

Code

Country

Office telephone number:

Mobile telephone number:

Email address:

Travel Information

Your Arrival at Denver International Airport

Your Departure from Denver International Airport

Flight No: Flight No:

Airline: Airline:

Arrival time: Departure time:

Comments or additional information:

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Date:

CROWD-SOURCED BATHYMETRY WORKING GROUP:

19-21 June 2018

National Centers for Environmental Information (NCEI)
National Oceanic and Atmospheric Administration (NOAA)
325 Broadway, Boulder, CO USA 80305-3328

Contact

Jennifer Jencks
Phone: +1-303-303-6419
Fax: +1-303-497-6386
Email: jennifer.jencks@noaa.gov

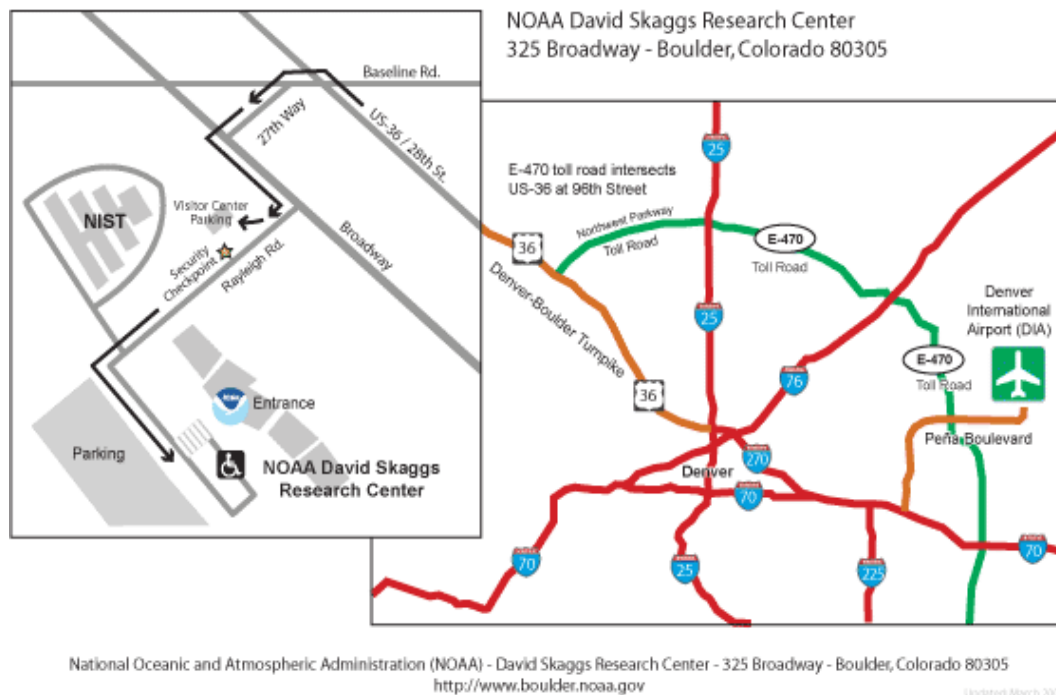
The 2017 CSBWG6 will be hosted by NOAA's [National Centers for Environmental Information](#) located in Boulder, Colorado, a mountain town near the city of Denver, at the base of the Rocky Mountains.



How to get to Boulder:

The nearest airport is Denver International (DIA), approximately 43 mi/70 km from Boulder. Getting to Boulder will take about 45 minutes to an hour with any form of transportation:

Rental Car. If you're planning to rent a car, the drive is straightforward and mainly on highways but may require tolls (if taking the fastest route, E-470). See map below.



Bus: There is a very reliable bus service from the airport to Boulder which costs \$9 cash per one way trip. Take the bus ([Route AB/AB1/AB2](#)) westbound from the Denver Airport Station. To get to Denver Airport Station from the terminal, follow signs to the Transit Center and proceed to the south exit on level 5 (look for the large American flag), exit the terminal through the sliding glass doors and take the escalator located in the centre of the plaza down to level 1. The bus has stops throughout Boulder, near NOAA and downtown near most accommodations. You can use this [map](#) to find your stop.

Taxi: Leaving baggage claim, one can either hire a taxi or arrange for an Uber or Lyft. This can easily cost \$50-100 USD.

Shuttle: You can also arrange to be picked up by [SuperShuttle](#). Prices vary from depending on the number of customers. Please check the website for a quote.

Where to stay:

Most hotels have bus transportation ([map](#)) available nearby and getting to NOAA via bus is very straightforward: <https://bouldercolorado.gov/goboulder/bus>

[Best Western](#) – Trivago online rate = \$129. Close to our office, recently remodelled. Close to some restaurants. Will honour government per diem if rooms are available.

[Residence Inn/Marriott](#) – Trivago online rate = \$118. Not close to office, near 1 restaurant – Boulder Brewery. A number of our visitors like this facility. Will honour government per diem if rooms are available.

[Basecamp Boulder](#) – Trivago online rate = \$125. Not close to office, but hip and in a great location for walking. Doesn't seem to offer government rates.

[Boulderado](#) – Trivago online rate = \$160. More expensive, but will honour government per diem if rooms are available. Beautiful, historic building, not close to office. Located next to Pearl Street Mall with many shops and restaurants.

[Embassy Suites](#) – Trivago online rate = \$146. Not close to office. Located across the street from the 29th Street Mall with access to many shops and restaurants.

Hyatt Place – Trivago online rate = \$125. This hotel is new and I'm unfamiliar with many details. Not close to office. Located near the shopping mall and a Whole Foods Market

Hilton Garden Inn – Trivago online rate = \$128. Not too close to office. This hotel is new and I'm unfamiliar with many details. Located near 29th Street Mall with many shops and restaurants.

Residence Inn -- Doesn't show in Trivago, but looks like you can book now. Boulder downtown. This hotel will open in January.

Boulder Marriott – Trivago online rate = \$169. Not close to office. Located across the street from the 29th Street Mall with access to many shops and restaurants.

Courtyard by Marriott – Trivago online rate = \$103. Not close to office, not close to restaurants or shopping. Will honour government per diem if rooms are available.

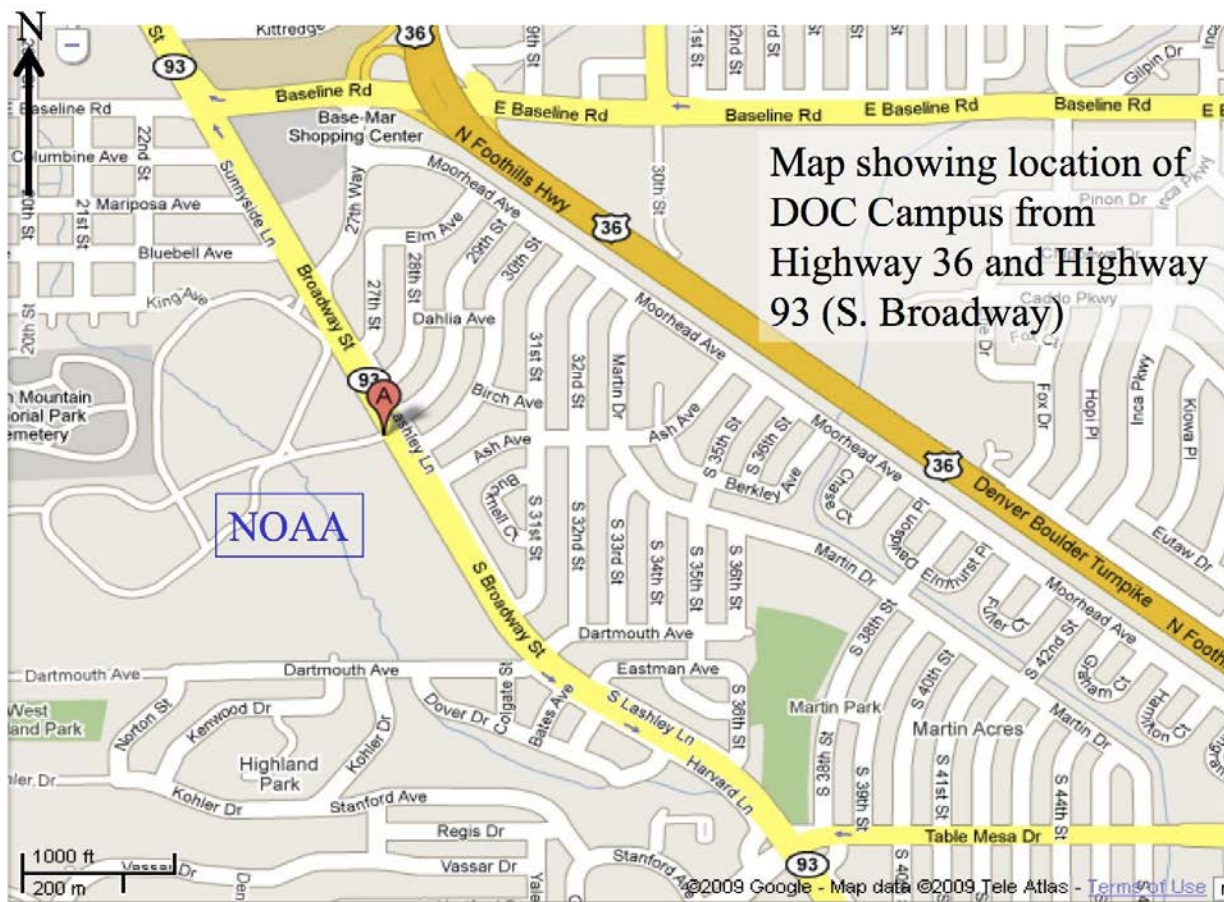
Homewood Suites – Trivago online rate = \$118. Not close to office, near grocery store with few restaurants.

"Close to office" means within walking distance.

"Not close to office" means several miles plus and that you'll probably want to drive to our office.

Getting to NOAA:

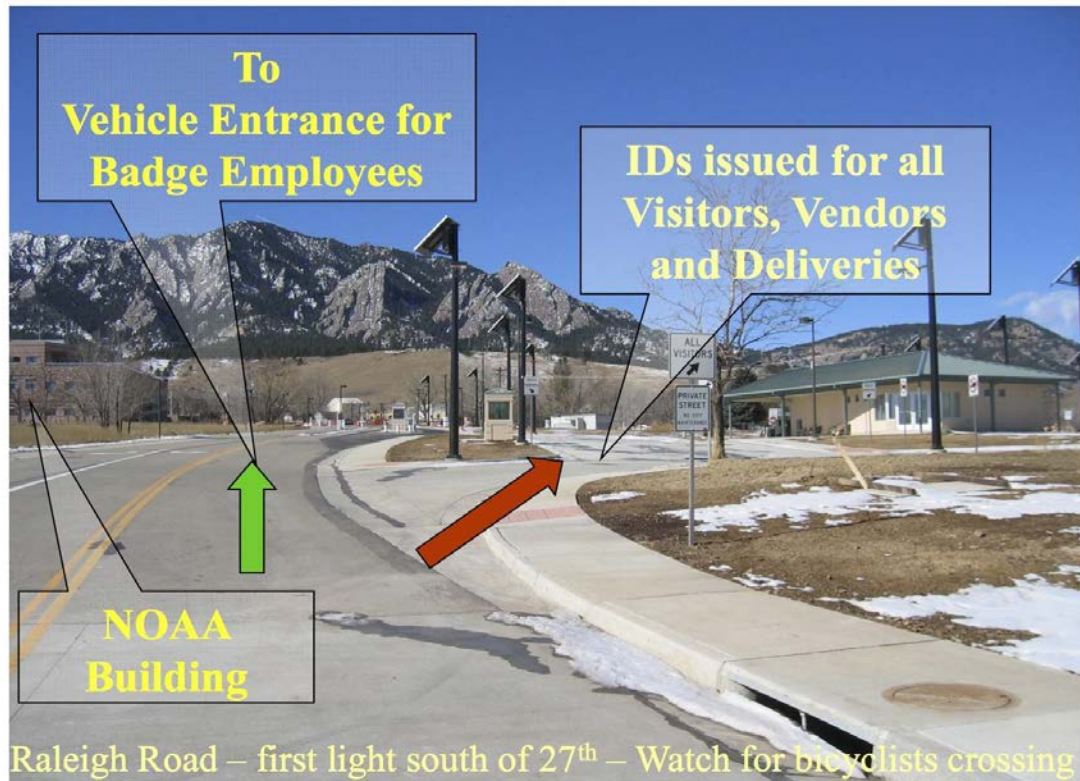
The address is 325 Broadway, Boulder, CO 80305:



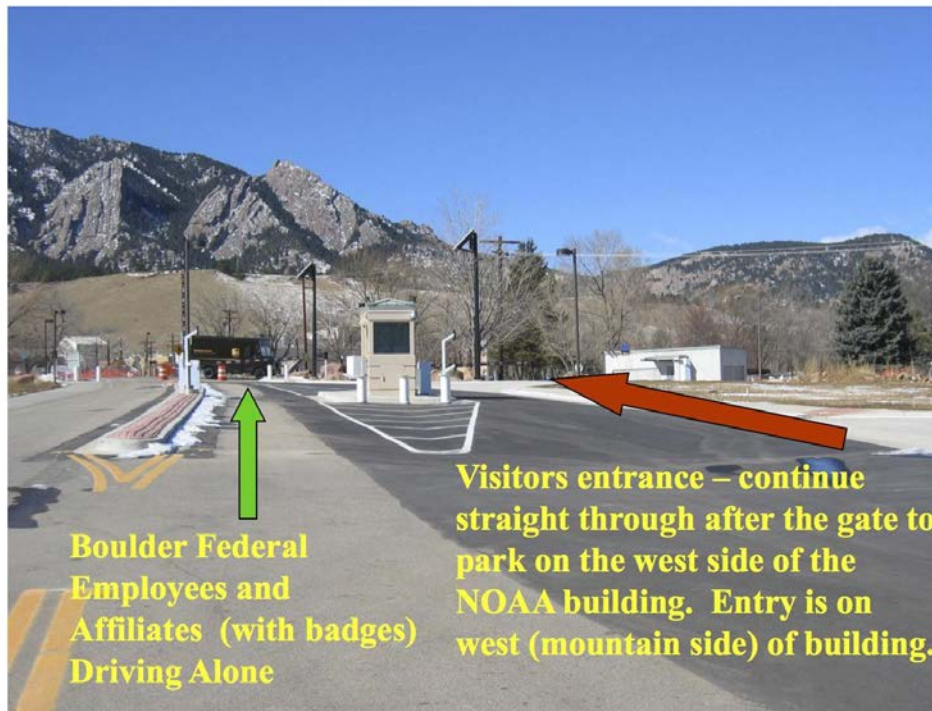
Please remember to arrive at least 15 minutes early so that you have ample time to get through the security checkpoint. If you **do not have a NOAA-specific CAC card**, you'll need to stop at the Visitors' Center (small green roofed building) at the front entrance to get a visitor badge.

US Citizens, please bring a government ID or a state license (some state licenses are not valid; please see this [link](#) for additional information to ensure you do not also need to bring a passport). International visitors will need to present their passport.

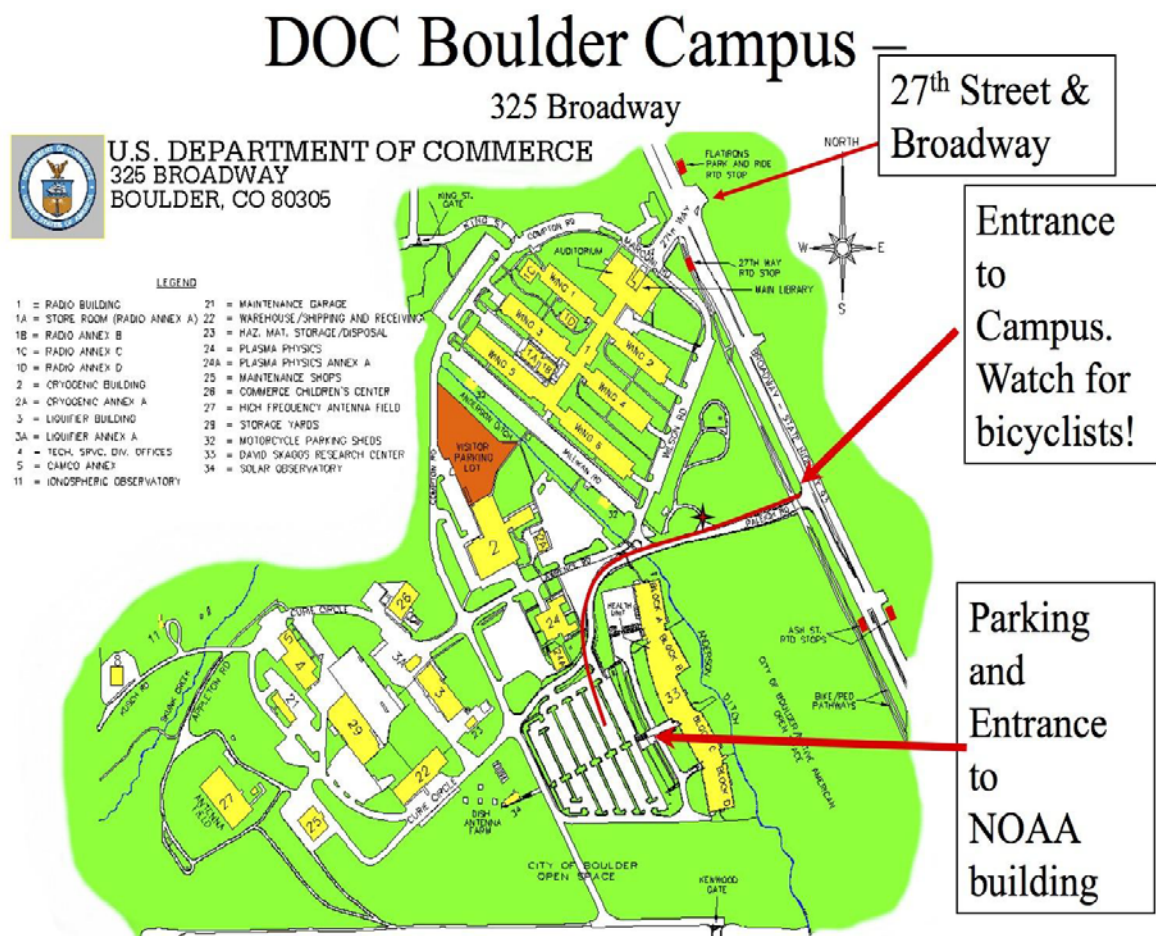
Directions and advice for entry to the NOAA site: <http://www.boulder.noaa.gov/visitors>



If you have a vehicle, it will also have to be inspected outside the Visitors' Center before you can proceed through the Vehicle Entrance. After your vehicle has been inspected, the guards will provide you a pass to take to the Visitors' Entrance gate. On the first day you will have to go inside the Visitors' Center to get your visitor badge and go through security. Once you have your visitor badge you will not have to go inside the following days, but your car will still have to be inspected each day so please pull into the visitor driveway (the red arrow above) when you arrive each morning.



Once, on campus come to the NOAA building (David Skaggs Research Center) main entrance, marked by two large flagpoles, where someone will help direct visitors to the meeting.



Other resources:

Power Supply:

Standard North American 120V, 60hz. Plug type A&B (see below).



Weather:

June in Boulder will be warm during the day 70-80 degrees F (20-25 C) with overnight lows in the 60's (15-18 C). While typically dry, there can be short rain showers in the middle of the day so a light rain jacket is useful.

Activities:

NOAA is nestled against the foothills of the Rocky Mountains (called the Flatirons) and is part of the Boulder Mountain Park system which has numerous hiking and running trails directly from the building. These trails can be found on the Boulder Parks [interactive map](#). Because of the elevation (~5400 ft; 1600 m) and sunny days, sunscreen and ample water are recommended for all outdoor activities.

The centre of downtown Boulder is known as the [Pearl Street Mall](#). Pearl is a walking street lined with restaurants, shops, street performers and is a great place for people watching.

Currency:

