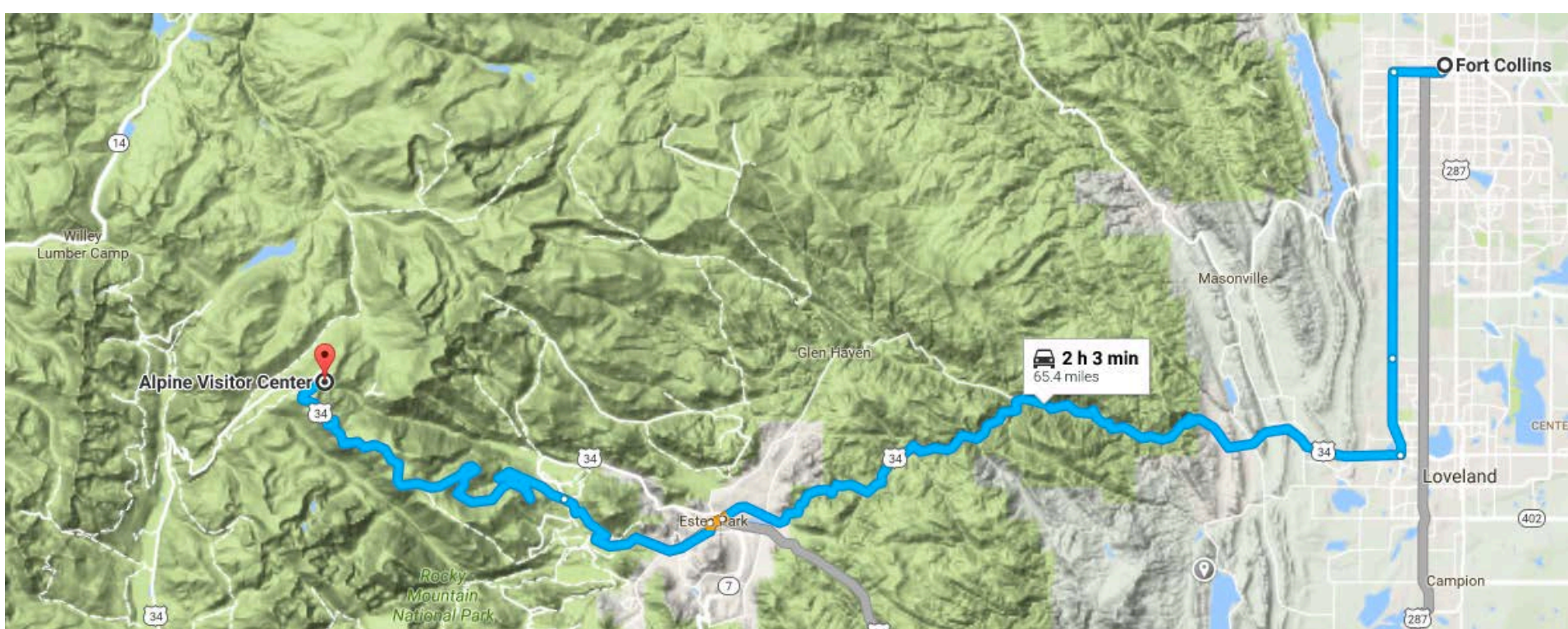


Thursday Field Trip Details



Schedule:

12 – get lunch, get in vans

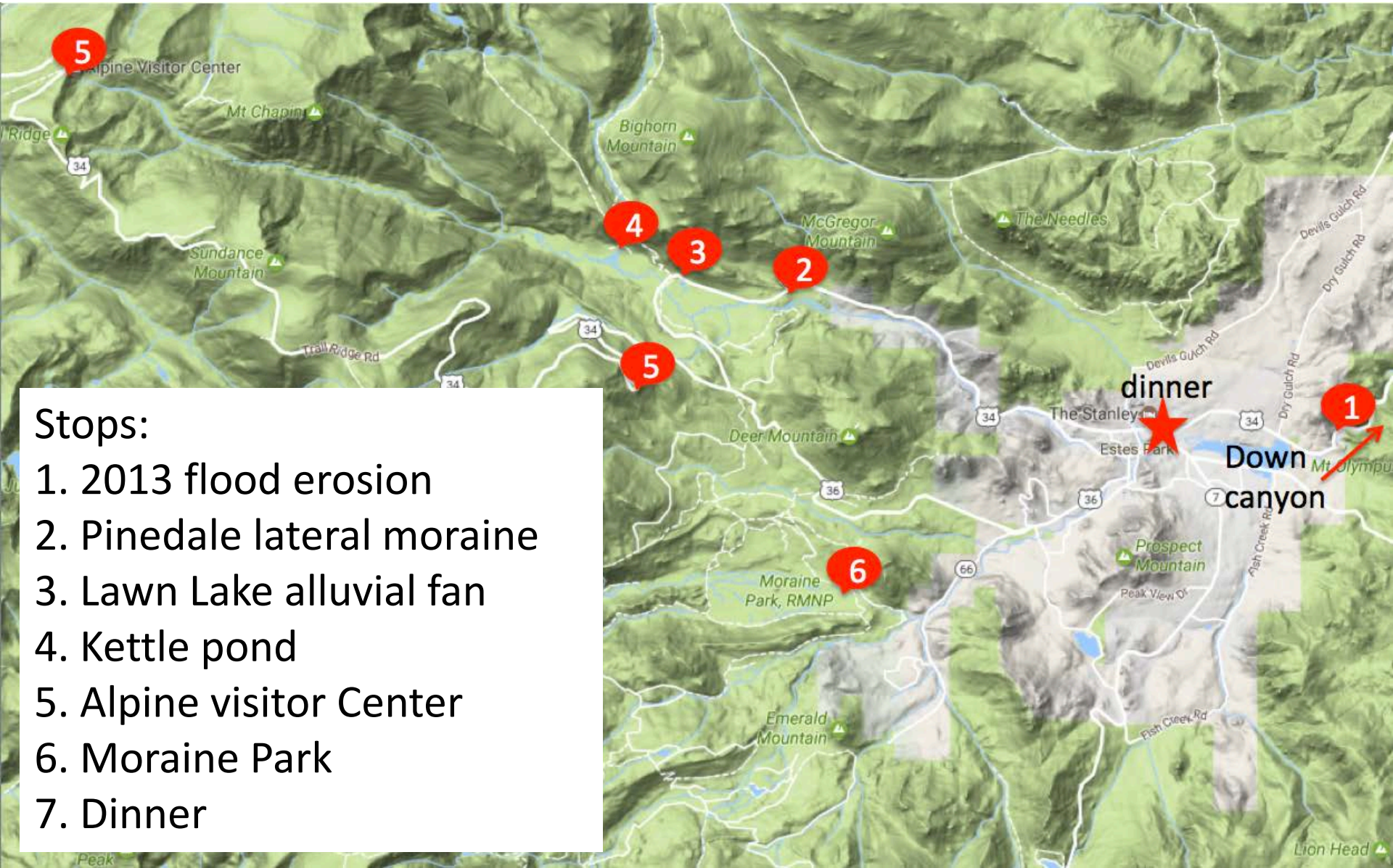
12:45 – first stop

13:30 – Estes Park

18:15 – Dinner in Estes

21:00 -21:30 – Return to Fort Collins

Stops



Stops:

1. 2013 flood erosion
2. Pinedale lateral moraine
3. Lawn Lake alluvial fan
4. Kettle pond
5. Alpine visitor Center
6. Moraine Park
7. Dinner

Weather and Equipment

Thursday Sunny, with a high near 58 F (14 C).
West wind 10 to 13 mph, with gusts as high as
21 mph.

Raincoat
Fleece
Water bottle (filled)
Sunscreen
Small backpack
Comfortable shoes



**Field trip to Rocky Mountain National Park
CSU/POLNET/SERCE Glacial Seismology School
June 2017
Compiled by Daniel McGrath**

Overview:

We'll depart from CSU around 12 pm, head south to Loveland, and then turn west and head up the Big Thompson Canyon before arriving in Estes Park. We'll pass through Estes Park quickly (we hope... there can be lots of tourist traffic) and enter RMNP via the Fall River Entrance.

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Lake Devlin and Pinedale Glacial History, Front Range, Colorado

RICHARD F. MADOLE

U.S. Geological Survey, P.O. Box 25046, M.S. 966, Denver Federal Center, Denver, Colorado 80225

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**20th-century variations in area of cirque glaciers and
glacierets, Rocky Mountain National Park, Rocky Mountains,
Colorado, USA**

Matthew J. HOFFMAN,¹ Andrew G. FOUNTAIN,² Jonathan M. ACHUFF³

¹*Department of Geology, Portland State University, PO Box 751, Portland, OR 97207-0751, USA
E-mail: hoffman@pdx.edu*

²*Departments of Geology and Geography, Portland State University, PO Box 751,
Portland, OR 97207-0751, USA*

³*Black Spruce, Inc., 1800 Cody Street, Lakewood, CO 80215, USA*

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SEPTEMBER 1980

**GLACIATION OF THE EAST SLOPE OF ROCKY MOUNTAIN
NATIONAL PARK, COLORADO**

BY GERALD M. RICHMOND

ABSTRACT

The eastern slope of Rocky Mountain National Park, Colorado, has been subjected to at least three separate Pleistocene glaciations, which from oldest to youngest are correlated with the Buffalo, Bull Lake, and Pinedale glaciations of Blackwelder in the Wind River Mountains of Wyoming.

In this area, deposits of the oldest glaciation are known from only one locality. Deposits of the Bull Lake glaciation comprise two sets of moraines indicative of two advances of ice separated by a significant recession; those of the Pinedale glaciation comprise three sets of moraines indicative of a maximum advance of the ice and two recessional halts or minor readvances.

Moraines of two minor advances of the ice, correlated with the Temple Lake and historic stades of Neoglaciation in the Wind River Mountains, occur in the cirque heads.

HOLOCENE GLACIER FLUCTUATIONS IN THE AMERICAN CORDILLERA

P. Thompson Davis

Department of Natural Sciences, Bentley College, Waltham, Massachusetts 02254, U.S.A.