

Name of research institute or organization:

University of Denver / Mt. Evans High-altitude Observatory and Chamberlin Observatory

Title of project:

Photographic site visitation to Jungfrauoch for educational outreach

Project leader and team:

Mr. Adam R. Jones (present at Jungfrauoch) + friend Mr. Andreas Meister
Dr. Robert E. Stencel (not present)

Project description:

The purpose of this second visit of mine to Jungfrauoch was to explore, document, and photograph the site and accompanying lunar eclipse for educational outreach purposes. Here at the University of Denver (DU), we also maintain a high-altitude astronomical observatory and research station on 4320 m Mt. Evans in Colorado, USA. Mr. Adam R. Jones travelled to Switzerland and joined his friend Andreas Meister to perform the site visitation at Jungfrauoch. Mr. Jones' background and/or degrees in meteorology and astronomy made the journeys especially meaningful. Like in 2014, Mr. Jones captured imagery of the Jungfrauoch and Sphinx facilities and their surroundings, with emphasis on research experiments/equipment, site location and geography, weather conditions, the staff, living quarters and tourist interaction. Mr. Jones also performed night sky photography and stereo (3D) photography on-site, including shots of the fully eclipsed moon. Some of Mr. Jones's photographs from 2014 were deemed unusable (due to accidentally setting camera to extremely low resolution near the end of the 2014 journey), so Mr. Jones re-photographed some of these images. Mr. Jones also met with Dr. Leuenberger and Frau Frieden for lunch in Bern.

These photos, along with a fresh copy of the HFSJG White Paper from Dr. Leuenberger were brought back to Denver for use in sharing with students, teachers and other interested parties alike. Ultimately this will help generate more awareness here in the U.S. of European research programmes and will help facilitate potential collaboration between our high-altitude sites. The outreach material has also been shared with faculty of other universities, as well as staff of other unique research facilities such as the Mars Desert Research Station in Utah.

Key words:

Site visitation, educational outreach, site photography, night sky photography, lunar eclipse

Collaborating partners/networks:

Just HFSJG and DU, however the material and photographs brought back to Denver has reached (and will continue to reach) numerous other interested parties in a mostly informal manner.

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