

Field Site Geographic and Environmental Information Sheet

Namib-Naukluft National Park, Namibia

Environment: hot desert

Year tiles were placed: 2010

Latitude: 23 degrees 32 minutes south

Longitude: 15 degrees 09 minutes west

Elevation: 1,700 feet

Swakopmund Weather Station – 2016

Average temperature: 17.1°C

High temperature: 49.9°C

Low temperature: 4.6°C

Annual precipitation: 14.2mm

Dew point maximum: 29.7°C

Dew point minimum: 3.6°C

Devon Island Research Station, Nunavut, Canada

Environment: polar desert

Year tiles were placed: 2010

Latitude: 75 degrees 26 minutes north

Longitude: 89 degrees 52 minutes west

Elevation: 700 feet

Resolute Weather Station – 2016

Average temperature: -16.1°C

High temperature: 12.2°C

Low temperature: -31.3°C

Annual precipitation: 161.2 mm

Dew point maximum: 6.6°C

Dew point minimum: -35.5°C

Mojave Desert, Mojave Desert National Preserve, California, United States

Environment: hot desert

Year tiles were placed: 2011

Latitude: 35 degrees 09 minutes north

Longitude: 115 degrees 48 minutes west

Elevation: 3,000 feet

Fort Irwin/Barstow Weather Station – 2016

Average temperature: 36°C

High temperature: 20°C

Low temperature: -7°C

Annual precipitation: 77.2 mm

Dew point maximum: 17°C

Dew point minimum: -23°C

New Field Sites: Geographic and Environmental Information

White Mountains, California, United States

Environment: alpine

Year tiles were placed: 2010

Latitude: 37 degrees 36 minutes north

Longitude: 118 degrees 15 minutes west

Elevation: 12,500 feet

Weather station: Barcroft Station, University of California White Mountain Research Center

Arabian Desert, Abu Dhabi, United Arab Emirates

Environment: hot desert

Year tiles were placed: 2011

Latitude: 24 degrees 02 minutes north

Longitude: 55 degrees 48 minutes east

Elevation: 1,100 feet

Weather station: Al Ain (city)

Taylor Dry Valley, Antarctica

Environment: polar desert

Year tiles were placed: 2013

Latitude: 77 degrees 38 minutes south

Longitude: 162 degrees 56 minutes east

Elevation: 300 feet

Weather station: LTER McMurdo Dry Valleys Meteorological Station Measurements, or McMurdo Station Antarctic Base

Svalbard, Norway

Environment: polar desert

Year tiles were placed: 2015

Latitude: 78 degrees 12 minutes north

Longitude: 15 degrees 35 minutes east

Elevation: 100 feet

Weather station: Longyearbyen

South Australia, Australia

Environment: hot desert

Year tiles were placed: 2016

Latitude: 30 degrees 18 minutes south

Longitude: 139 degrees 26 minutes east

Elevation: 500 feet

Weather station: Arkaroola Village Weather Station

Khatsang Kara, Himalayas, Ladakh, India

Environment: Alpine

Year tiles were placed: 2016

Latitude: 33 degrees 08' north

Longitude: 78 degrees 20' east

Elevation: 15,300 feet

Weather Station: Tso Moriri, Ladakh*

**Weather stations may not be available for 15,000 ft altitudes*

Chile (Atacama Desert)

Environment: hot desert

Year tiles were placed: 2016

Latitude: 23 degrees 49 minutes south

Longitude: 70 degrees 30 minutes west

Elevation: 1,500 feet

Weather Station: Antofagasta