

**CAS/NASA HiMat Workshop summary schedule, 15 - 19 May 2017**

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
6:00 AM				Breakfast - McGivney's	Breakfast - McGivney's
7:00 AM	Breakfast - McGivney's	Breakfast - McGivney's	Breakfast - McGivney's		
7:40AM					Four Points Sheraton/Goldbelt Snack pick up Charter bus
8:00 AM				Four Points Sheraton/Goldbelt Snack pick up Charter bus	Excursion - Leave port for Tracy Arm
8:45 AM				Excursion - Mendenhall Glacier	
9:00 AM	Welcome NASA group Centennial Hall/ Ballroom 1	Welcome CAS group Centennial Hall/Ballroom 1 Logistics - Chao	Welcome/Intro Centennial Hall/Ballroom 1		
10:45 AM	Coffee Break	Coffee Break	Coffee Break		
11:00 AM	Resume meeting	Resume meeting	Resume meeting		
12:00 PM	Lunch/Ballroom 1	Lunch/Ballroom 1	Lunch/Ballroom 1		
1:00 PM	Resume meeting	Resume meeting	Resume meeting	Resume meeting Lunch/Ballroom 1 (2PM)	
3:15 PM	Coffee Break	Coffee Break	Coffee Break		
3:30 PM	Resume meeting	Resume meeting	Resume meeting		
4:00 PM	Summary and Closing				
5:15 PM			Summary and Closing		
5:30 PM		Summary and Closing		Summary and Closing	Return to port, tentative
6:00 PM		Banquet Dinner Westmark Baranof Hotel Treadwell Room	Buffett Dinner The Prospector Hotel TK Maguires, Lounge	Buffett Dinner The Prospector Hotel TK Maguires, Lounge	Dinner by Pizzeria Roma Historic Merchants Wharf The Ballroom
9:00 PM					

**CAS/NASA HiMat Meeting Locations:**

Centennial Hall Convention Center

Meeting Venue

Address: 101 Egan Dr, Juneau, AK 99801

Phone: (907) 586-5283

Four Points by Sheraton Juneau (Previously known as The Goldbelt Hotel)  
Hotel Lodging

Address: 51 Egan Dr, Juneau, AK 99801

Phone: (907) 586-6900

Westmark Baranof Hotel

Hotel Lodging

Executive Dinner, May 15

Banquet Dinner, May 16

Address: 127 N Franklin St, Juneau, AK 99801

Phone: (907) 586-2660

McGivney's Sports Bar & Grill

Breakfast, May 16-19

Address: 51 Egan Dr, Juneau, AK 99801

Phone: (907) 586-2086

TK Maguires (Prospector Hotel)

Dinner, May 17 & 18

375 Whittier Street, Juneau, AK 99801

Phone: (907) 586-3711

The Ballroom inside Historic Merchants Wharf

Closing dinner, May 19

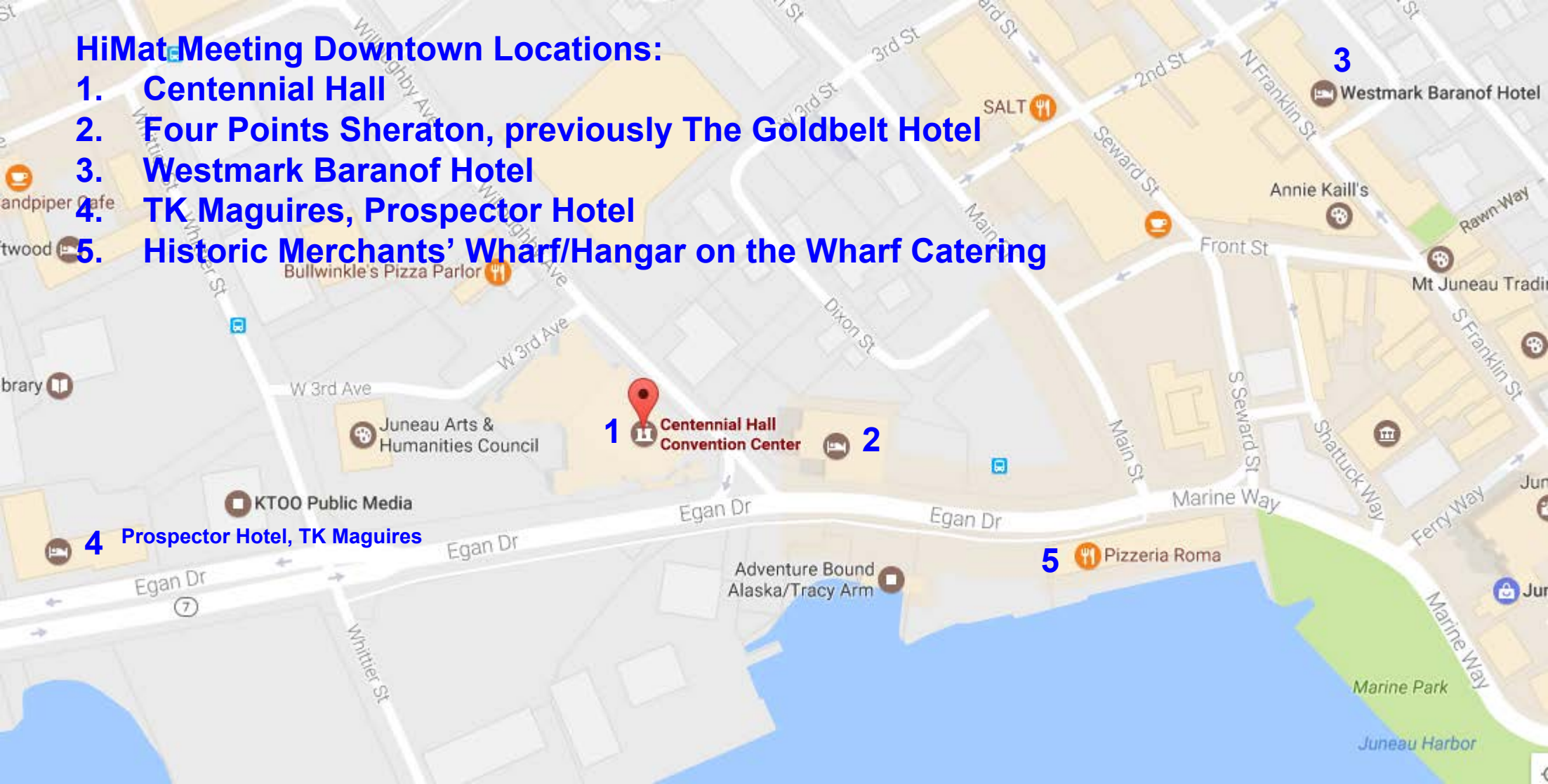
Food provided by Pizzeria Roma

Address: 2 Marine Way #104, Juneau, AK 99801

Phone: (907) 463-5020

## HiMat Meeting Downtown Locations:

1. Centennial Hall
2. Four Points Sheraton, previously The Goldbelt Hotel
3. Westmark Baranof Hotel
4. TK Maguires, Prospector Hotel
5. Historic Merchants' Wharf/Hangar on the Wharf Catering



## **HiMat Meeting Excursions**

### **A half-day excursion to Mendenhall Glacier is Thursday morning, 18 May.**

- Breakfast is served earlier, from 6AM – 8AM.
- Meet in front of the Four Points Sheraton (formerly the Goldbelt Hotel) to pick up your on-the-go snacks and water.
- Charter buses to transport you will be standing by at 8:45AM
- You will return approximately 12:30PM – 1PM
- Please make arrangements with Yu-Chan Chao PRIOR to this day to secure your laptop if you will need it for the meeting later that day but do not want to take it with you during the excursion.

The Mendenhall Glacier, in the Mendenhall Valley, is located only 12 miles from downtown Juneau where the HiMAT meeting takes place.



The glacier's length is also 12 miles, measured from the Juneau Ice Field to Mendenhall Lake. Federally protected as part of the Mendenhall Glacier Recreation Area, a unit of the Tongass National Forest, the glacier originally had two names, Sitaantaagu ("Glacier Behind the Town") and Aak'wtaaksit ("Glacier Behind the Little Lake"). Appointed by President Harrison, Thomas Corwin Mendenhall (1841-1924) served as Superintendent of the U.S. Coast and Geodetic Survey from 1889 to 1894. A

noted scientist, Mendenhall also served on the Alaska Boundary Commission that was responsible for surveying the international boundary between Canada and Alaska. In 1892, this glacier was renamed to honor Mendenhall. Naturalist John Muir also named the glacier Auke Glacier in 1879 after the Aak'w Kwaan of the Tlingit Indians.

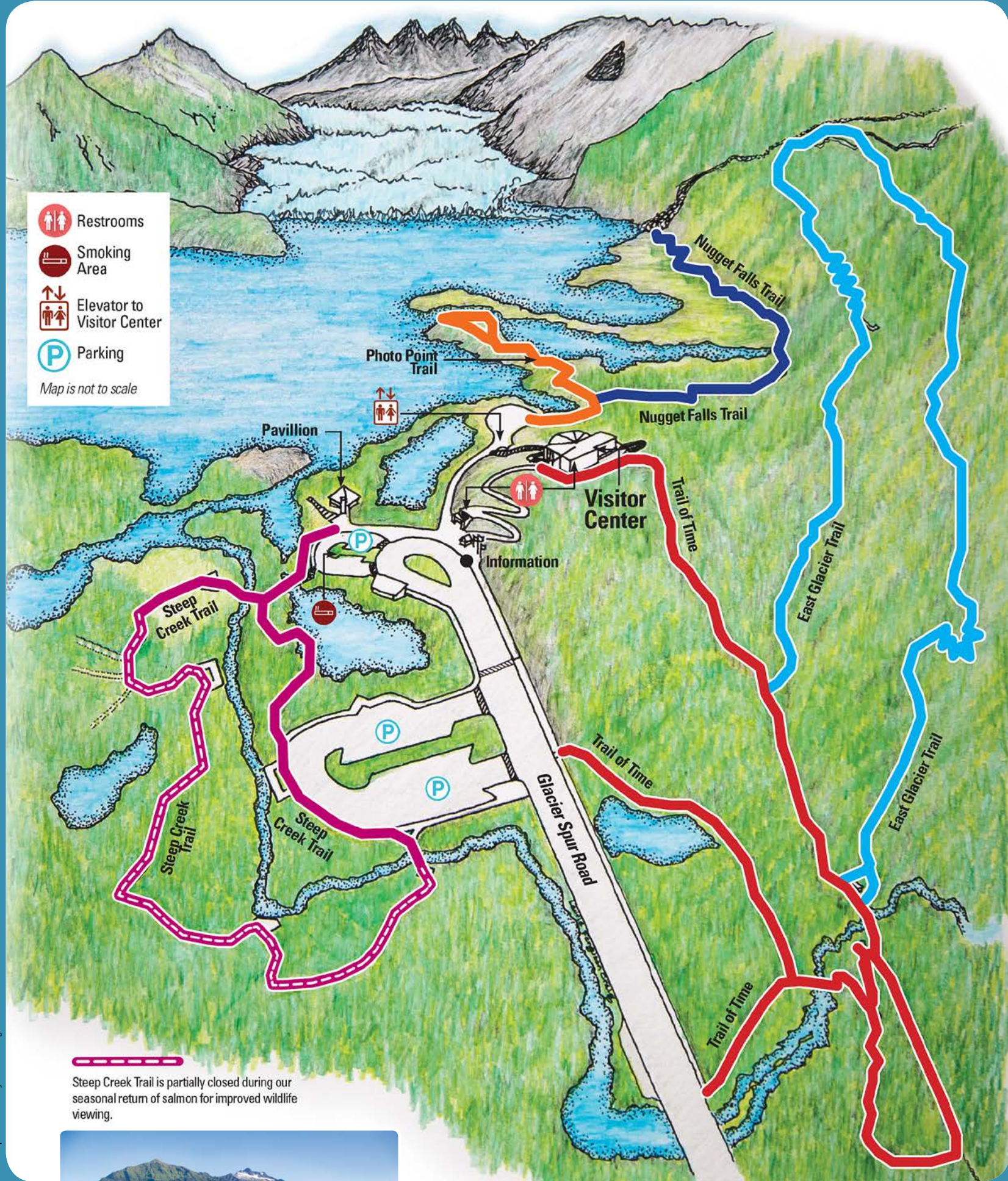
Monitored since 1942 by the Juneau Icefield Research Program, the Mendenhall Glacier has receded almost two miles since 1958, while previously it had receded only 0.5 miles since 1500.

Increased glacial melting has created the frequently photographed Mendenhall Ice Caves, where water runs over rocks under blue ceilings inside the partially hollow glacier.

Read more at

<https://www.fs.usda.gov/detail/tongass/about-forest/offices/?cid=stelprdb5401454>





Map Illustration by Laurie Craig



# SHORT WALKS & HIKES AROUND THE MENDENHALL GLACIER

## What's there to do at the Visitor Center?

- ▶ **WATCH** our 15 minute movie *Landscape of Change*.
- ▶ **LEARN** about the glacier, surrounding landscape, and wildlife.
- ▶ **RELAX** in the glacier observation area.
- ▶ **BROWSE** the Alaska Geographic Bookstore (May – September).

## Trail Information

- Photo Point** ▬  
**Length:** 1/3 mile (.5 km) round trip  
**Time:** Approximately 15 minutes  
**Difficulty:** Easy; paved
- Nugget Falls** ▬  
**Length:** 2 miles (3.2 km) round trip  
**Time:** Approximately 1 hour  
**Difficulty:** Moderate; gravel

- Trail of Time** ▬  
**Length:** 1 mile (1.6 km) loop  
**Time:** Approximately 30 minutes  
**Difficulty:** Moderate; paved & gravel



- Steep Creek** ▬  
**Length:** 1/4 (.4 km) mile loop  
**Time:** Approximately 20 minutes  
**Difficulty:** Easy; paved & raised boardwalk

- East Glacier** ▬  
**Length:** 3.5 mile (5.6 km) loop  
**Time:** Approximately 2.5 hours  
**Difficulty:** Challenging; gravel, rock, & stairs





**A full day excursion through Tracy Arm is Friday, 19 May.**

- Breakfast is served earlier, from 6AM – 8AM\*.
- \*Charter buses to transport you will leave at 7AM.
- Meet in front of the Four Points Sheraton (formerly the Goldbelt Hotel) to pick up your on-the-go snacks and water.
- The vessel will be open for boarding at 7:40AM – 8AM
- You will return to port at approximately 5:30PM
- Plan to dress warm as you will be on deck for much of this all day glacier cruise.

The Tracy Arm Fjord is 45 miles south of Juneau. The 27-mile-long inlet is very narrow – at times, no more than half a mile wide – with cliffs that rise more than 3,000 feet on either side and the steep rock walls contain multiple waterfalls. The twin Sawyer Glaciers, North Sawyer and South Sawyer, are located at the end of Tracy Arm. These glaciers can be prone to massive calving which lead to substantial breaking waves in the slim inlet. Allen Marine Tours will host the excursion aboard one of their catamarans. The 78-foot catamaran is USCG approved to carry up to 145 passengers and capable of cruising at speeds of up to 26-30 knots loaded. The lower/main deck is equipped with three restrooms (one ADA accessible), a galley and ample seating. The topside observation deck offers the best view.



Read more at:

<http://allenmarinetours.com/juneau/glacier-fjord/>

Weather data for Juneau in May shows cloud cover daily, light to moderate rain.

As you prepare for your trip or make your way to the meeting, here are few things to keep in mind:

- Dress in layers with a waterproof top layer.
- SHOES AND/OR HIKING BOOTS: Prepare for walking. Meeting and dining locations, except for excursions, are under a 1 mile/1609 meters distance from each other. The excursion to Mendenhall Glacier involves trails that will be uneven and made of either dirt or gravel.
- DAYPACK: A daypack (normal backpack) will be convenient to hold the daily items you need for the meeting, along with rain gear or extra layers. For each excursion, you will be provided with a to-go pack of snacks and a bottle of water.
- RAIN GEAR: Plastic or vinyl rain suits or ponchos are NOT a good idea. They may be good for walking in town but not for the excursions where they could tear. A waterproof yet breathable shell will keep you and your layers comfortable.
- PANTS: Yes. The loose fitting enough for walking and sitting comfortably, especially on Thursday and Friday for the excursions.
- SHIRTS: The meeting venue is climate controlled so dress to your comfort level during the days. Wear appropriate clothing for hiking/the outdoors on Thursday and for warmth and mobility during Friday's glacier cruise.
- WARM JACKET / SWEATER / VEST: Synthetic fleece or wool jacket and a sweater make great layers for warmth. A fleece or wool vest helps take the early morning or late night chill off.

Some good optional items to consider:

- Wool or synthetic gloves are a good idea for the glacier cruise.
- Wool or synthetic fleece hat or rain hat
- Eye Mask: The sun sets around 10 or 11 PM and rises around 4 AM. However, it is anticipated that the sky will not get darker than twilight.