

11/11/09

**Proposed 2010 Ecology Camp Program and Schedule
Camp Mokule`ia, Waialua, HI
January 16-18, 2010**

Saturday, January 16, 2010

- 8:30 - 9:30 AM Arrival of camp participants to Camp Mokule`ia, Waialua and registering for the camp (Sierra Club Sign-in Sheet and Liability Waiver). Unload camping gear.
- 9:30 - 10:00 AM Gp. 1: Depart camp for Kahanahaiki Ridge. Bring bag lunch.
Gp. 2: Depart camp for DLNR Nursery. Bring bag lunch.
Gp. 3,4,& 5: Depart camp for Ka`ena Point. Bring bag lunch
Gp. 6: Depart camp for Kealia Trail. Bring bag lunch.
- 10:00 AM-3:15 PM Group 1& 2: Assigned activities.
- 10:00 AM- 2:00 PM Group 3 – 5: Hike to Ka`ena Point. Meet NOAA representative at the point.
Group 6: Hike on Kealia Trail.
- 2:00 – 4:30 PM Group 3 – 6: Travel back to Camp Mokule`ia & set up camp.
- 3:15- 4:00 PM Group 1&2: Travel back to Camp Mokule`ia & set up camp.
- 4:00 – 5:30 PM Ocean swimming (conditions permitting).
- 5:30 – 6:00 PM Clean-up and prepare for dinner.
- 6:00 – 6:45 PM Dinner.
- 6:45 – 7:30 PM Prepare for night activities.
- 7:30 – 8:00 PM Ice breakers.
- 8:00 -8:45 PM: NOAA presentation on Monk Seals. Jennifer Metz or volunteer.
- 8:45- 10:00 PM Campfire – snacks, stories, etc.
- 10:00- 10:30 PM Star Gazing, get ready to go to sleeping bag.
- 11:00 PM **LIGHTS OUT!**

Sunday, January 17, 2010

- 6:30 AM Rise and shine. Get ready for the day.
- 7:30- 8:00 AM Breakfast.
- 8:00 – 8:30 AM Pick-up lunch. Prepare for service projects and hikes.
- 8:30 - 9:00 AM Gp. 3: Depart camp for Kahanahaiki Ridge. Bring bag lunch.
Gp. 4: Depart camp for DLNR Nursery. Bring bag lunch.

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Gps. 1,2, & 6: Depart camp for Ka`ena Point. Bring bag lunch.

Gp. 5: Depart camp for Kealia Trail. Bring bag lunch.

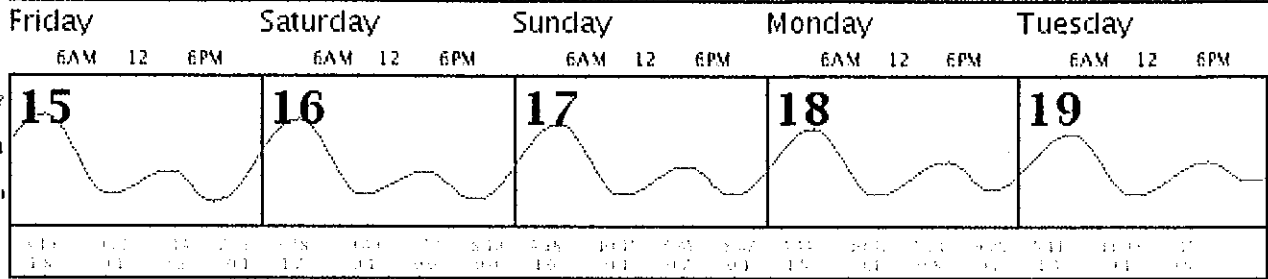
9:00 AM- 2:15 PM	Group 3 & 4: Assigned activities.
	Gps. 1, 2, & 6: Ka`ena Point hike. Meet NOAA representative at the point.
	Gp. 5: Kealia trail hike.
2:00 – 2:30 PM	Gps. 1, 2, 5, & 6. Travel back to Camp Mokule`ia.
2:15 – 2:45 PM:	Gps. 3 & 4: Travel back to Camp Mokule`ia.
2:30 – 3:00 PM:	Prepare for swimming.
3:00 – 5:00 PM	Swimming (swimming pool).
5:00 – 6:00 PM	Clean-up and prepare for dinner.
6:00 – 6:45 PM	Dinner.
6:45 – 7:30 PM	Prepare for night activities.
7:30 – 8:30 PM	Group Games (Pauline Kawamata)
8:30- 9:30 PM	Campfire – snacks, stories, etc.
9:30- 10:30 PM	Sand crab hunt.
11:00 PM	LIGHTS OUT!

Monday, January 18, 2010

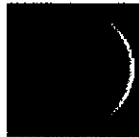
6:30 AM	Rise and shine. Get ready for the day.
7:30- 8:30 AM	Breakfast.
8:30 – 9:30 AM	Break down camp.
9:30 – 10:30 AM	Sand sculpture.
10:30 – 11:00 AM	Evaluation and Closure.
11:00 AM	Depart camp.

JANUARY

2010



Muku (New Moon): 1/14/10



Hawaiian Moons:

Hoaka

Ku Kahi

Ku Lua

Ku Kolu

Sunrise:	7:13am	7:13am	7:13am	7:13am
Sunset:	6:11pm	6:12pm	6:12pm	6:13pm
Moonrise:	8:10am	8:44am	9:16am	9:48am
Moonset:	7:43pm	8:33pm	9:21pm	10:10pm

Hilo (First night)

The appearance of the setting moon in the western horizon evening sky marks this first night of the month. This new moon appears as a 'slender' or 'twisted' sliver (**hilo**). On this night, fish 'hide' in the reef areas, and deep sea fishing is good. Foods maturing underground will 'hide'. Some feel they will be small like the moon they are maturing under.

Hoaka: (Second night)

Hoaka literally translated, means crescent. It also means 'spirit or ghost'. On this second night of the month the 'uhane (soul of a spirit) cast shadows and frighten fish away.

Ku Kahi, Ku Lua, Ku Kolu, Ku Pau: (Third to sixth night)

These are the first, second, third and fourth nights of Ku. The Kapu period of Ku ends with the 'First Ku'. Many farmers believe this to be a good time to plant 'uala (sweet potato) and kalo (taro), as they will grow 'upright' or 'erect' (ku) in the lepo (soil). This is a good fishing period but ocean currents will soon change.

2009 Ecology Groups
Camp Mokuieia

Group 1: Kahanahaiki Ridge		
No	Name	Info
1	Kim Welch or Candace	Env Cadre
2	Chad Koide	Env Cadre
3	Jamie Tanino	Env Cadre
4	Mark Lee	Adult
5		Adult
6		Leliehua
7		Leliehua
8		Moanalua
9		Moanalua
10		Pearl City
11		Pearl City
12		Roosevelt
13		Roosevelt
14		Waldorf
15		Waldorf

Group 2: DLNR Nursery		
No	Name	Misc
1	Fred Nakaguma	Adult
2		Adult
3		Leliehua
4		Leliehua
5		Leliehua
6		Moanalua
7		Moanalua
8		Moanalua
9		Pearl City
10		Pearl City
11		Pearl City
12		Roosevelt
13		Roosevelt
14		Waldorf
15		Waldorf

Group 5: Kaena Point		
No	Name	Misc
1		Adult
2		Adult
3		Student
4		Student
5		Student
6		Student
7		Student
8		Student
9		Student
10		Student
11		Student
12		Student
13		Student
14		Student
15		Student

Group 3: Kahanahaiki Ridge		
No	Name	Info
1	Kim Welch or Candace	Env Cadre
2	Chad Koide	Env Cadre
3	Jamie Tanino	Env Cadre
4	Mark Lee	Adult
5		Adult
6		Leliehua
7		Leliehua
8		Moanalua
9		Moanalua
10		Pearl City
11		Pearl City
12		Roosevelt
13		Roosevelt
14		Waldorf
15		Waldorf

Group 4: DLNR Nursery		
No	Name	Misc
1		Adult
2		Adult
3		Leliehua
4		Leliehua
5		Leliehua
6		Moanalua
7		Moanalua
8		Moanalua
9		Pearl City
10		Pearl City
11		Pearl City
12		Roosevelt
13		Roosevelt
14		Waldorf
15		Waldorf

Group 6: Kealia Trail		
No	Name	Misc
1		Adult
2		Adult
3		Student
4		Student
5		Student
6		Student
7		Student
8		Student
9		Student
10		Student
11		Student
12		Student
13		Student
14		Student
15		Student