

Angela

## Angela

Moku: Puna

Ahupua'a: Kealia

Malama: Mahoehope

Anahulu: Hoemi

Mahina: Kaloapau

Observation: Blue skies. light cloud coverage; grass is dry and brown , moderate waves and current action.



Moku: Puna

Ahupua'a: Kealia

Malama: Ikuwa

Anahulu: Poalua

Mahina: Mohalu

Observation: Blue skies. light cloud coverage; sand bar blocks kealia river from meeting the Pacific Ocean, red and green seaweed catch on the sand, leaf debris, wood and sea weed mix in waves (from yesterday's rains); waves and current moderate.



Moku: Puna

Ahupua'a: Kealia

Malama: Ikuwa

Anahulu: Hoemi

Mahina: Kaloakahi

Observation: Blue skies. light cloud coverage; trade winds moderate with intermittent heavier gusts from north; waves and current moderate.

Moku: Puna

Ahupua'a: Kealia

Malama: Ikuwa

Anahulu: Hoemi

Mahina: Kaloakuloa

Observation: Blue skies with 50% cloud coverage; trade winds strong to moderate with intermittent heavier gusts from north; waves and current heavy.



Moku: Puna

Ahupua'a: Kealia

Malama: Welehu

Anahulu: Hoonui

Mahina: Olekulua

Observation: Blue skies with 10% cloud coverage; trade winds moderate; waves and current (under toe) heavy (large amount of seaweed and break).



Moku: Puna

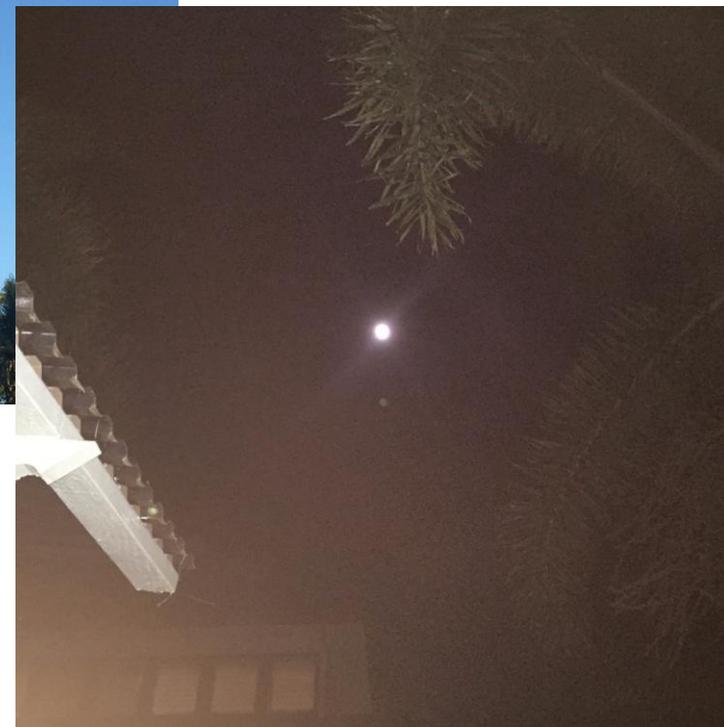
Ahupua'a: Kealia

Malama: Welehu

Anahulu: Poepoe

Mahina: Mohalu and Hua

Observation: Blue skies. light cloud coverage; trade winds light; flat waves.



Helen



Helen

Ho'emi Mahoehope

Kane: Very brisk tradewinds and the absence of Eucalyptus scent

Lono: Most of the Shampoo Ginger is red and full, but a few have begun to bend over from their weight of liquid.

Mauli: The Norfolk pine wings have spread everywhere. Yellow ginger is blooming

Muku: These past few days there have been vibrant rainbows, often double rainbows. There is a golden quality of light in the evenings now.



## Helen

The Areca palms are loaded with seeds.  
Hoonui, 'Ikuwa, 'Ole kukolu, Kona Kalaheo,

'Ikuwa 'Ole Pau Kona Lawai. Century Plants  
are dead at this point.

'Ikuwa 'Ole Pau Kono Lawai. For the last few  
days we have had clouds along the horizon  
but not anywhere else



Anahuku Poepoe, Hoku  
Mona Molina Hanapepe Ahupuaa  
Notice the difference is the sand from 3 places  
on Puolo Point



Anahuku Poepoe, Mohalu  
Ko a Moku, Kalaheo Ahupuaa  
Notice the palm has far more coconuts on its  
leeward side.



Anahuku Poepoe, Mohalu  
Mona moku, Kalaheo ahupua'ap  
The Datura bloomed last night



Ikuia olepau, mahaulepu today I noticed some sad and disturbing things. This sign was one and made me think of our huaka'i following the water. Here is another perspective on water.



Olepau, Ikuia, Mahaulepu. An Ulili near the contaminated water sign. What are the impacts on her?

Olepau, Ikuia, Mahaulepu. Think of the animals that ingest these small pieces of plastic. Can't we individually and collectively do something so that the future ocean has less plastic?



Olepau, Ikuia, Mahaulepu. This huge net and rope was too heavy to move but if it is pulled back into the Kai who will be entangled. Really, it was a beautiful day at Mahaulepu but....

Olekukahi, Ikuia, Kalaheo. The weather is turning. Still Lots of rainbows but stronger winds and rains, and cooler nights.



Olekukahi Ikuia, Kalaheo. Kolea on the golf course.

Laaupau, Ikuia, Kalaheo. Low Louis, lots of rain morning and evening

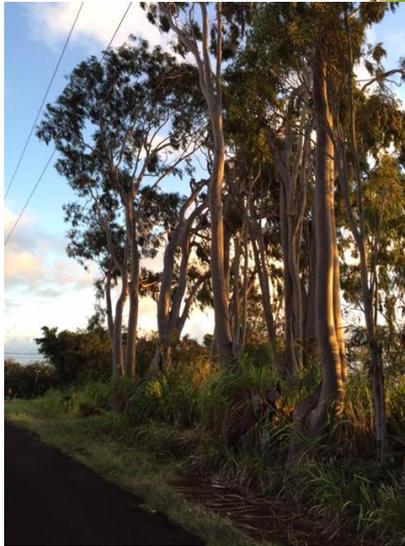
Laaukukahi, Ikuia, Kalaheo. About 4 too young breadfruit were blown off the tree last night.

Poakahi, Kaloakukahi, Ikuwa, Hanapepe  
Olena Flower- later than flowering up in Kalaheo

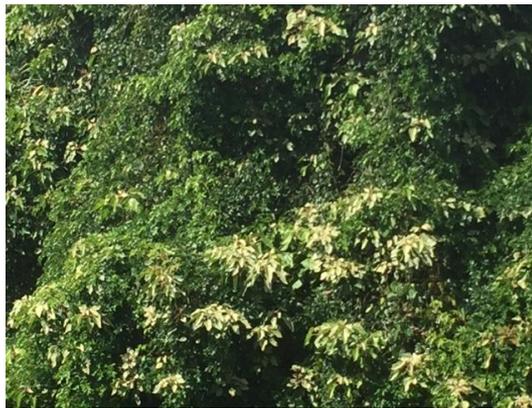
Kaloakulua, Ikuwa, Kalaheo, sunsets have been deep pink for several days. Also, early this morning I saw the Pleiades above me a little to the west and planets in the east and southwest. One is Jupiter, not sure of the other.- maybe Mars.

Mailo, Ikuwa , Kalaheo, this time of year there is a special golden light in late afternoon that tried to capture. Notice the puffy and dark clouds also.

More golden light in the Eucalyptus



Ku Kolu Wailua. This vine is covering many of the Kukui and Ohia on the Kuilau trail . Much worse than last time I was here. I wonder how this could be tackled.



Same moon and place as above. Invasive Australian fern.



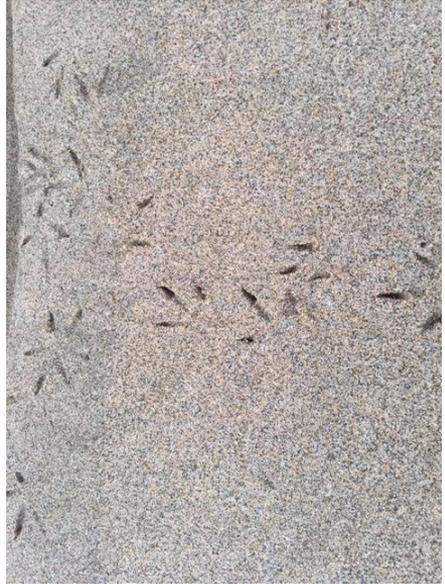
Same moon and place as above. Note the two different misses around the base of this paperbark eucalyptus.

Same moon and place as above. Moss grows only on the north side of these trees on the Kuilau trail.

Ku Lua, Waimea. What is this beautiful seed pod that washed up on the beach from? My friend said maybe Kamani



Poalima welehu early morning ripples in the stream bed at Waipa. And Ulili and their tracks!



From Olepau until Lono, in Kalaheo we had really windy and rainy conditions, and the second half of the week, we had terrible mosquitos.

On Lono, Welehu, in Hanapepe the wind was so strong from the east that the waves were going west perpendicular to the coast at Puolo point. Also on Lono, much limu was washed ashore and many very small dark brown spotted cowry shells were washed up---both the limu and shells were on the east side of the point. On the west side it was much calmer.

Tiffani



Tiffani

Moku: Kona Ahupuaa: Koloa  
Malama: Mohoehope Anahulu:  
Hoemi Mahina: Lono Observation:  
Rainbow at same time each  
mahina: 6pm



Moku: Kona Ahupuaa: Koloa  
Malama: Mohoehope Anahulu:  
Hoemi Mahina: Maui Observation:  
Rainbow at same time each  
mahina: 6pm





## **Tiffani**

Moku: Kona

Ahupuaa: Koloa



Photo ikuwa\_hoonui\_kukahi:

Malama: Ikuwa

Anahulu: Hoonui

Mahina: Kukahi

Photo ikuwa\_hoonui\_olekukahi:

Malama: Ikuwa

Anahulu: Hoonui

Mahina: Olekukahi



Moku: Kona  
Ahupuaa: Koloa

Photo ikuwa\_poepoe\_hoku:  
Malama: Ikuwa  
Anahulu: Poepoe  
Mahina: Hoku

Photo ikuwa\_poepoe\_mahealani:  
Malama: Ikuwa  
Anahulu: Poepoe  
Mahina: Mahealani

Judith



Poepoe Hoku.

Kilo

Ikuwa Hoemi Kaloakukahi

What's becoming apparent as I am training myself to do these observations, is how relatively little of the external world I typically observe, compared to my internal world. Or at least, how little of the natural world, vs. humans and human works, I pay attention to. Which of course makes sense, given my profession. But also continues to amaze me as my very strong attention default.

Today, I watched for the sunrise, but because of heavy clouds, including layers of different types of clouds, incl cumulous and storm, it was more of an "unrise". Still, small edges of color were visible and the wind was soft.

I also noticed, from a distance, that I could see the neighbors very tall pine tree - it's either a Norfolk or a Cook pine. It's the one that has the branches evenly growing from the trunk, on the same horizontal plane, vs the alternating pattern of branches. I usually see just the bottom part of this tree as I pass their house, but today I noticed the top and how tall and narrow this tree is. I must be looking up more!

Judith White

10-24-16

10-31-16

Judith White

Kilo 10-30-16

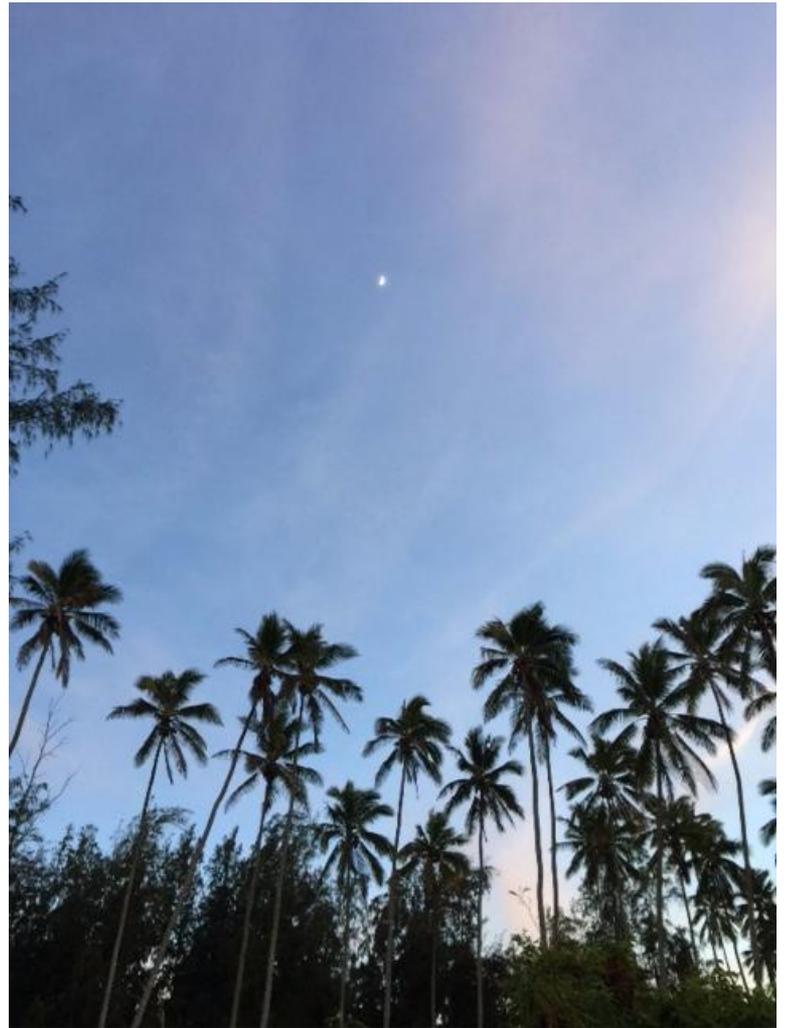
Welehu, Hoonui, Hilo

In the evening, I walk along the Waipouli Canal, which is a short few hundred yards from our home. The canal is almost dry where I start my walk; apparently it's low tide. A bird flits away too quickly for me to identify it - a plover? A stilt? The water increases in depth as I walk west, up to the road and the bridge - Uhalekawa`a. Across the road there is signage explaining the history of this wetland area, and showing old and current maps. I have seen and read these maps several times over the years, but tonight, for the first time, I feel placed in this place. I understand what was here and what is now here. Dusk is deepening and so is my connection.

Kilo 11-6-16

Welehu, Hoonui, Olekulua

A stunning sunset/early moonrise evening on the East side. Salmon pale pink sky interrupted by deep violet clouds. The profile of the mountain is sharp against the pastel sky. Opposite that vista is the almost half moon - Olekulua. I look down from my perch and notice a wild lilikoi vine has taken over the shrubs on the other side of the fence.



**Eric**



## Eric

Puna Moku, Haiku Ahupuu'a . Ikuwa malama, Anahulu Hoonui, Kukahi Mahina: *“Sun hemp is thick in field 1. Field 2 most hemp is sprouting and competing well with nut sedge. Overcast today occasional showers. Guava, avos and ulu on trees. Good day to have a picnic with your ku'uipo but more productive you both spend the day and all night apart.”*



Halelea Moku, Kīluaea Ahupuu'a. Ikuwa malama, Anahulu Hoonui, Kupau Mahina: *“Good time to be passionate in the morning. Clear skies turning into light drizzles in Halelea. Quite morning little cars, quit chickens, quit dogs. Good morning for a peaceful walk. Clouds hiding Namolokama.”*



Kona Moku, Mana Ahupua'a. Ikuwa malama, Anahulu Poepoe, Akua Mahina: *“Really, really good day to really deflate the tires. The sandy is very soft as a komohana makani moves the sand off the dunes. Waves are four feet and choppy.”*



Puna Moku, Haiku Ahupuu'a. Ikuwa malama, Anahulu Poepoe, Hoku Mahina *“A cool ko'olau makani last through the morning. Weeds like guinea grass start to show seeds. Time to remove weeds before mature seeds. Flowers are bursting sending their aloha out the pollinators. Bees buzzing around palm flowers. Good to night to snuggle with that special someone.”*



Halele'a Moku, Hā'ena Ahupuua'a . Ikuwa malama, Anahulu Hoemi, Olekukahi Mahina: "Onshore winds first thing in the morning. Windy everywhere from North to south all day and night"



Puna Moku, Haiku Ahupuua'a . Ikuwa malama, Anahulu Hoemi, Olekulua Mahina: "Windy overcast morning. All plants growing exponentially. 'Awa ginger and olena getting big. Almost time to harvest kalo."



Puna Moku, Haiku Ahupuua'a. Welehu malama, Anahulu hoonui, Kukahi Mahina. "Sunny and breezy in. Breeze makes it tolerable to weed-whack in mid day heat. Sunn hemp starting to show flowers and it dances in the wind"



Kona Moku, Kalaheo Ahupuua'a. Welehu Malama Anahulu Hoonui, Olekula Mahina. "Wind stopped some time after midnight last night. "That's why ipo no like spoon." Sunrise comes with no wind. 8 Am very very light direct east trades turning into no winds all day. Plenty peppers... clear skies turn to high over cast clouds. Spider mite population explodes and effecting plants. After dark still no winds. Termites are back and so are the mosquitoes in the garden (no wind that's why)."



**Malia C**



## Malia

Lā#1 Kaulana Mahina. Moku:  
Kona, Ahupua'a: Waiawa. Mālama:  
Hilinama. Anahulu: Hō'emi.  
Mahina: Kalokūlua. Ahiahi  
observations: Iani, clear, still, warm,  
little to no wind. Kai, calm, clean,  
shoreline fishing. Naupaka kai in  
bloom, sun now setting between  
Ni'ihau and Lehua.

Lā #2: Kaulana Mahina. Moku:  
Kona, Ahupua'a: Waiawa, Mālama:  
Hilinama, Anahulu: Hō'emi,  
Mahina: Kāne, Kakahiaka  
observations: 'ilima in bloom, new  
'ōlena shoots appearing. Lani:  
calm, still, clear, net fishing. Ahiahi  
observations: 'Ohai ali'i in bloom,  
ocean not as clean, wind slightly  
picking up, nights getting cooler.

Lā #3 Kaulana Mahina. Moku:  
Kona, Ahupua'a: Waiawa, Mālama:  
'Ikuwā, Anahulu: Ho'ohui, Mahina:  
Kūlua. Ahiahi observations: 'Ikuwā  
has arrived bringing evening  
squalls of much needed rain to  
Waiawa. Pāpio shoreline fishing is  
favorable. Pua 'ōlena are in bloom.  
Salt beds are wet, but not flooded.  
Lani: hazy, Ni'ihau not visible under  
approaching rain clouds, 'iwa  
circling close to shore.



Kaulana Mahina. Moku: Puna,  
Ahupua'a: Wailuanuihō'ano,  
Mālama: 'Ikuwā, Anahulu: Poepoe,  
Mahina: Hua. Ahiahi Observations:  
kukui and koki'o flowers in bloom,  
good time to prune awa and mound  
new shoots, morning tide low, good  
to harvest he'e. Lani: rain clouds  
gathering up mauka, but clear  
makai.

Kaulana Mahina. Moku: Kona,  
Ahupua'a: Wai'awa. Mālama: 'Ikuwā.  
Anahulu: Hō'emi. Mahina: 'Olepau.  
Awakea Observations-Honua: 'Iwa  
flying very close to shore, ulu ripening  
with new male flowers. Kai: strong on  
shore winds, choppy, unclear waters,  
akule biting. Lani: hazy, unclear skies,  
bright reds at sunset.



Kaulana Mahina. Moku: Kona,  
Wahi: Koke'e/Pīhana, Mālama:  
Welehu, Anahulu: Ho'onui, Mahina:  
Hilo. 'Awakea Observations-Honua:  
moss and ferns growing in  
abundance in response to frequent  
rains. Lani: cool with a mix of light  
showers and sunshine creating  
many rainbows. Kuahiwi: many  
'elepaio and koa'ekea spotted, 2  
'i'iwi, new liko appearing, forest  
green and pulu.



Lā #7: Kaulana mahina. Moku:  
Kona, Wahi/Ahupua'a: Pu'u 'Ōpae,  
Waimea. Mālama: Makali'i.  
Anahulu: Ho'onui. Mahina:  
'Olekūkolu. 'Awakea observations:  
Honua: dry, arid, slightly humid, few  
birds sighted. Lani: very low winds,  
hazy, unclear, no rains, Ni'ihau,  
Lehua and Kaula still slightly  
visible. Kai: still, calm, unfavorable  
on shore fishing.



Lā #8 Kaulana Mahina. Moku: Kona, Wahi/Ahupua'a:  
Nākeikei, Wai'awa, Kukuiolono. Welehu. Mālama:  
Makali'i. Anahulu: Poepoe. Mahina: Hua. Kakahiaka  
observations: Lani- beautiful hues, clear  
sunrise/sunsets, still, no winds, no rains mauka-makai.  
Honua: insects and birds active, calm, lepo dry. Kai:  
glassy, clean, west swell, favorable for on/off shore  
fishing. Kula: laua'e full of spores, kukui nut plentiful  
and ready to harvest

Lā #9 Kaulana mahina.

Moku:Kona, Ahupua'a: Wai'awa,  
'Ele'ele. Welehu. Mālama: Makali'i.

Anahulu: Poepoe. Mahina:

Lā'aukūkahi. Kakahiaka

observations: Lani: horizon unclear,  
quickly switching from hazy, sunny  
to thick rain clouds. Honua: early  
morning rains soak ground and  
plants, 2 pueo and several 'iwa  
spotted. Mauka: consistent  
showers and rainbows.

**Kaliko**



Kaakaaniu , ko'olau, mahoehope,  
anahulu Hoemi, kaloapau. Kilo: school of  
baby moi in ae kai, lots of limu ko'a,  
Waves 1-3', wind coming from moloaa,  
observed cauliflower, finger, Boulder, and  
cvs corals



Sept 12-21

Kalaheo gulch, Kalaheo, kona,  
anahulu poepoe, mahoehope, po  
mahina Mahealani??

Kilo: school of oama present in the  
tidepools, river not flowing to the  
ocean, hau blossoms