

### Dialing from MMT Telephones

**To call Tucson, Amado, Tubac, and Green Valley** – Dial 9 and the seven digit number

**To call Rio Rico, Nogales, Patagonia and similar area numbers** – Dial 9-1-520-and the seven digit number (this includes 394, 281, 761, and 287-exchanges)

**To call long distance** - Dial 9-1-area code and seven digit number from a telephone with a 670-XXXX number.

**Three-way Conversation** – to add a third party, depress switch hook or Flash button; after hearing special dial tone, dial the third party; when the third party answers , depress the switch hook or Flash button, begin conversation.

**Transfer** – to transfer a call to a third party, depress the hook or Flash button; after hearing a special dial tone, dial third party. When party answers, announce the call and hang up.

### Personal Cell Phones

Reception on the Mountain for personal cell phone is extremely limited. Some carriers have intermittent reception, so plan on using the land lines or email as your source of communication with the outside world.

### Important Phone Numbers

**ALL numbers use the 520 area code**

#### MMT

MMT Department Office	621-1558
MMT Director's Office (Faith Vilas)	621-1269
MMT Mountain Operations Manager (Dennis Smith)	670-6747
MMT Observatory	670-6747
MMT Fax	670-6758
MMT Road Conditions	670-5708

#### Whipple Observatory Complex

Admin Complex (Weekdays)	670-5701
Grace Alegria	670-5704
Karen Myres	670-5703
Motor Pool/Warehouse	670-5710
Facilities Manager (Karen Myres)	Home 648-0194 Cell 240-2219
Safety & Power (Tom Welsh)	909-5368
Program Manager (Steve Criswell)	Home 398-2618 Cell 348-5868



## Welcome to the MMT Observatory

The MMT is operated by the MMT Observatory (MMTO), a joint venture of the University of Arizona and the Smithsonian Institution. The MMT, located on the summit of Mt. Hopkins (the second highest peak in the Santa Rita Range of the Coronado National Forest) is 59 kilometers (38 miles) south of Tucson, Arizona. The MMT is on the grounds of the Smithsonian Institution's Fred Lawrence Whipple Observatory. Whipple Observatory also operates an administrative complex and Visitor Center at the base of Mt. Hopkins in Amado, Arizona.

### Summit Facilities

There are no dorms located in the telescope facility. In the facility, however, there is a small kitchen with an oven, toaster oven, a microwave, and a refrigerator. The kitchen also has a filtered water system and a dishwasher. When keeping food at the MMT, it is advisable to mark your food containers with your name. There are a lot of people in and out of the telescope on a daily basis; people don't seem to touch anything with a name on it.

### Mount Hopkins Dorms

The MMTO astronomers have access to several dorm rooms that are located approximately ¼ mile away down the hill from the MMT Facility. The dorm rooms have double/single size beds with a private shower area. There is also a washer and dryer available for use. There is currently no phone service in the rooms.

Dorm Reservations:

Ginnee Larson: 520-670-5701  
vlarson@cfa.harvard.edu  
Grace Alegria: 520-670-5704  
galegria@cfa.harvard.edu

### MMT Common Building

The Common Building is located next to the dorms. It has a full kitchen with several refrigerators to store groceries, and a BBQ oven for outdoor grilling. This building also has

satellite TV, phone service, pool table, and a library.

### Radio Frequencies

Channels

1. "Normal" (FLWO Routine)
2. "Local" (FLWO Local)
3. "Telephone"
4. "ADMIN" (FLWO Alternate)
5. "UofA" (Steward Observatory)
6. "Safety" (Emergency)
7. "Weather" (Weather Info)
8. "Ranger" (Forest Service)
9. "Ranger" (USFS Repeater)
10. "Rescue" (Sonoita FD)
11. "FIRE" (Tubac Fire/Ambulance)
12. "Police" (Santa Cruz Sheriff)
13. "County" (24 hr Emergency)
14. "State" (AZ Emergency)
15. "USA" (US Emergency)
16. "BYPASS" (Repeater Simplex)

### Mountain Driving

Vehicles are available from the Base Camp to the Summit. The majority of these vehicles are equipped with two way radios and 4 wheel drive. If you decide to drive your own car or a rental vehicle, please stop by the Base Camp and pick-up a radio.

The mountain road is very narrow in some places, so it is imperative to announce your location and monitor the location of others. The Mount Hopkins Road is open to the public until the 13 kilometer marker. This means there are often vehicles on the road without radios. It is a team effort to keep mountain travel safe for everyone.

The Mount Hopkins Road is also very popular with bicyclists and hikers, and you could possibly see a wide variety of animals (deer, mountain lion, bear, bobcat ...etc.) and your occasional illegal alien.

### Ambulance and Fire

Tubac, Volunteer Fire Dept. 9-911  
(Or Radio Channel 11)

DPS Helicopter Airlift 9-911

The Helipad is located at the Ridge in case of serious injury that requires Life Flight Evacuation.

Santa Cruz County 9-398-2571  
Sheriff Dispatch

Green Valley Fire Dept 9-624-4400  
Or 9-625-4400

Arizona Dept of Public Safety  
(Highway Patrol) 9-1-800-352-4557

Poison Center 9-1-800-362-0101  
Tucson 9-626-6016

Forest Fire on the mountain  
Forest Service Tucson Dispatcher  
9-388-9470

Forest Service (Nogales)  
9-1-520-281-2296

Taxi Service 9-625-1055 or  
Cavalier Express 9-625-1526

**Call at least 24 hours  
in advance**