

**Table 13.14-- SUMMARY OF TELESCOPES AND RELATED FACILITIES, IN OPERATION AND PLANNED, ON MAUNA KEA: 1998**

Telescope (diameter in meters)	Year completed	Capital costs (\$mil.)	Operating costs (\$mil.)	Local staff (No. of people)
<b>Completed:</b>				
UH 0.6-m (optical)	1969			
UH 2.2-m (optical/infrared)	1970	5.0	0.75	8
Canada-France-Hawaii 3.6-m (optical/infrared)	1979	30.0	6.20	50
NASA IRTF 3.0-m (infrared)	1979	10.0	3.00	12
United Kingdom Infrared 3.8-m	1979	5.0	2.70	31
James Clerk Maxwell 15-m submillimeter	1986	32.0	3.50	43
Caltech 10.4-m submillimeter	1986	10.0	2.10	11
W.M.Keck Observatory (Keck I&II) 10-m x2 (optical/infrared)	1992 / 1996	170.0	11.00	85
VLBA Antenna 25-m (radio)	1992	7.0	0.25	2
<b>Under construction:</b>				
Smithsonian Submillimeter Array 8x6-m	1999	80.0	6.00	26 <u>1/</u>
Subaru (Japan National Large Telescope 8-m (optical/infrared)	1999	170.0	8.00	30 <u>1/</u>
Gemini Northern 8-m (optical/infrared)	1999	100.0	5.00	30 <u>1/</u>
Mauna Kea Observatories Support Services	NA	NA	1.9 <u>2/</u>	24
<b>TOTAL</b>		<b>\$619.00</b>	<b>\$48.50</b>	<b>351</b>

NA = Not applicable.

1/ Expected number when in full operation.

2/ Not included in total since derived from facility operating funds.

Source: University of Hawaii at Manoa, Institute for Astronomy, Fact Sheet, (February 1998), p.2.