Table 17.25-- ASTRONOMY AND RELATED FACILITIES AT THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2013

		Annual		т —
	Capital	operating	County	
Facility	cost 1/	cost	based	Opera-
(mirror diameter in meters)	(\$ mil)	(\$ mil)	staff	tional
(Illinior diameter in meters)	(\$ 11111)	(\$ 11111)	Stati	tionai
Mauna Kea observatories				
Total	611	82.7	497	(X)
UH 2.2-m (Optical/Infrared)	5	1.5	6	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	7.2	44	1979
NASA IRTF 3.0-m (Infrared)	10	4.3	19	1979
United Kingdom 3.8-m (Infrared)	5	1.4	5	1979
James Clerk Maxwell 15-m Submillimeter	32	6.0	43	1986
Caltech 10.4-m Submillimeter	10	0.6	5	1986
VLBA Antenna 25-m (Radio)	7	0.4	2	1992
W.M. Keck Observatory (Keck I & II)			_	
10-m x 2 (Optical/Infrared)	170	13.8	118	1992/1996
Subaru (Japan National Large Telescope)				
8-m (Optical/Infrared)	170	26.0	96	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.8	94	1999
Submillimeter Array 8x6-m	80	5.5	24	2003
Mauna Kea Observatories Support Services	(X)	2/ 4.9	41	1980
Haleakala observatories				
Total	349.7	40.4	167	(X)
Mees Solar Observatory	0.5	0.2	1	1963
Haleakala Observatories Projects	(NA)	0.2	4	(NA)
Maui Space Surveillance Site (MSSS) 3/	250.0	26.3	117	1965
Ground-Based Electro-Optical Deep Space	230.0	20.3	117	1903
Surveillance (GEODSS)	25.0	6.1	16	1983
Faulkes 2-m Telescope	10.0	0.1	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.5	5	2005
Panoramic Survey Telescope And Rapid Response	0.0	0.5	5	2003
System (Pan-STARRS)	55.0	5.6	11	2009
Haleakala Support Facilities	8.6	0.6	11	1962/2008
Taioataia oupport i adiitiico	0.0	0.0	11	1302/2000
				<u> </u>

NA Not available.

Source: University of Hawaii at Manoa, Institute for Astronomy, records.

X Not applicable.

^{1/} Historical cost, not adjusted for inflation, and not including subsequent capital improvements for Mauna Kea Observation.

^{2/} Only \$1.2 million of this included in total as the other \$3.1 million are part of facility operating costs.

^{3/} Formerly Air Force Maui Optical Station (AMOS).