

Table 2. Hot Spot Identification

Letter	Hot Spot	W.Longitude ϕ deg	Latitude θ deg	K-band Eclipse UT 09:10	L-band Eclipse UT 09:25	L-band Sunlit UT 07:34	M-band Sunlit UT 07:36
A	Loki	311 ± 2	9 ± 1	X	X	X	X
B	Dazhbog	313 ± 3	49 ± 2	X	X	X	X
C	Svarog	291 ± 4	48 ± 1	X	X ¹		
D	Surt	339 ± 2	41 ± 1	X	X	X	X
E	Janus	39 ± 2	-8 ± 1	X	X	X	X
F	Ulgen	284 ± 4	-42 ± 1	X	X	X	X
G	Masubi	59 ± 5	-48 ± 1	X	X		
H	Sengen	311 ± 2	-33 ± 1	X	X	X	X
I		302 ± 2	-44 ± 1	X	X ¹	X	
J	Uta	23 ± 2	-39 ± 1	X	X	X	X
K	Fuchi	328 ± 2	25 ± 1	X	X	X	X
L		326 ± 1	34 ± 1	X	X ¹		
M		305 ± 2	-61 ± 2	X	X	X ²	X
N		1 ± 1	9 ± 1	X	X		X ²
O	Euboea	357 ± 1	-49 ± 1	X	X	X	X
P	Mihr	304 ± 2	-18 ± 1	X	X	X ²	X ²
Q	Nusku	6 ± 4	-68 ± 2	X	X	X ²	X ²
R		353 ± 3	-7 ± 1		X		X
S		10 ± 1	-15 ± 1		X		X
T	Kanehekili	37 ± 2	-20 ± 1		X		X ²
U		14 ± 2	31 ± 1	X	X		
V		51 ± 4	34 ± 1	X	X		
W		41 ± 3	46 ± 1		X		

An X in column 5-8 indicates that the hot spot is seen on this image. Approximate West longitude and latitude, as derived from the Io-in-eclipse data, are recorded for each volcano. Io rotates $\sim 17^\circ$ in 2 hours, so that Janus is on the East (left) limb at 07:30 UT, and Daedalus is visible at W. long = 274° , lat = 20° .

¹ Only seen after deconvolution with IDAC.

² Only visible by analogy with Io-in-eclipse maps.