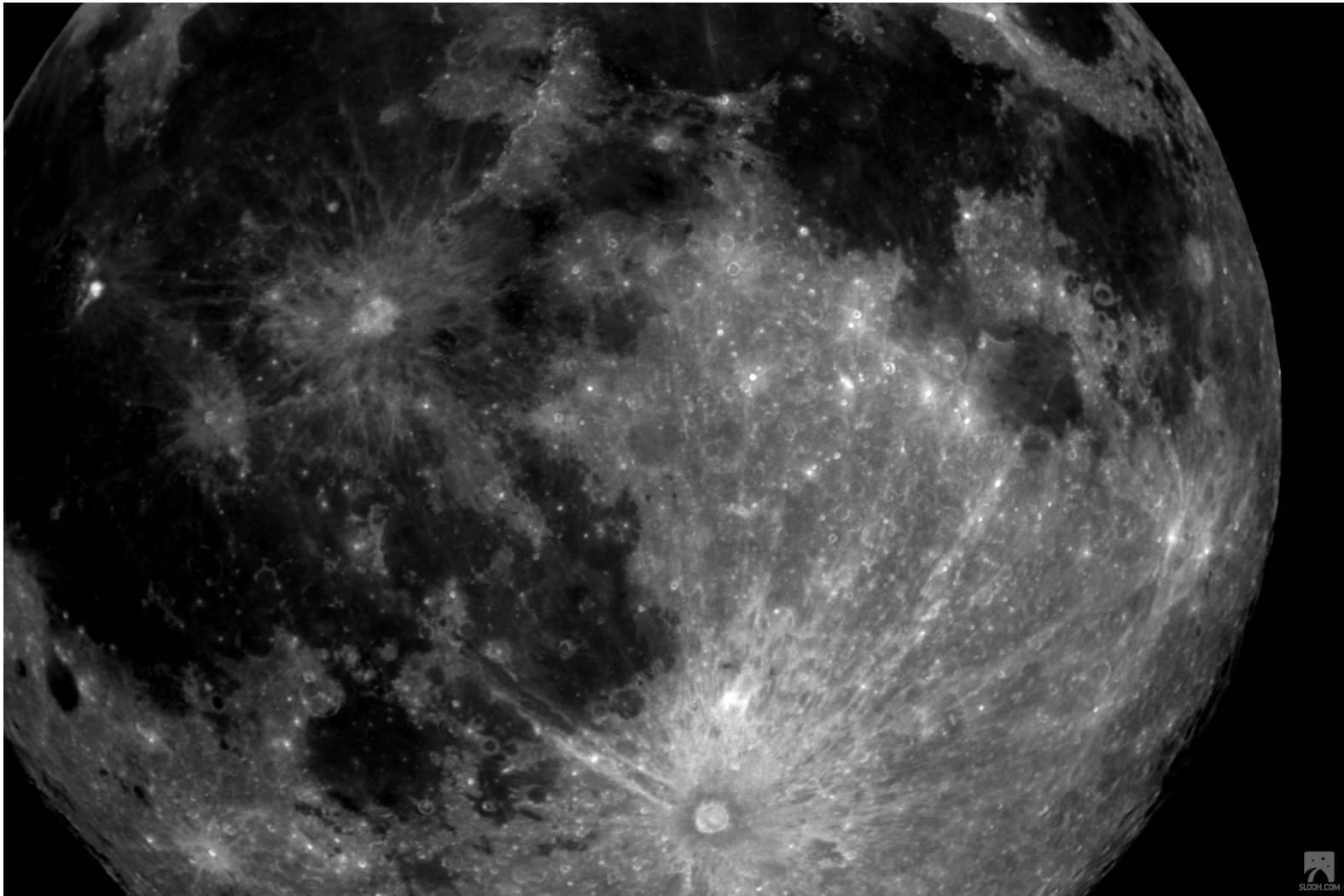


THREE VIEWS OF THE MOON

SLOOH FEB 27/21 CHILE 1 FULL MOON



- Note the different lava tones in Mare Nubium
- The brightness of Aristarchus
- The dark collar around Tycho
- This is a ring of dark glassy impact melt that has not been degraded by small impacts because Tycho is a relatively young crater

SOUTHERN MOONSCAPE

image credit: Renee Sylvain



CRATER MAGINUS

- Note the cone of light on the crater floor. This looks very similar to the Hesiodus ray.
- The terminator is right on Rupes Recta – this gives us a clue to the SSC when the image was taken: 7 deg
- Checked Geocentric Ephemeris and found SSC at 0 hr ut on April 20 of 4.1 deg
- Checked visualization every hour to 6 UT
- Bar of light appears 2 UT, notch visible

APRIL 20/21 3 HR UT

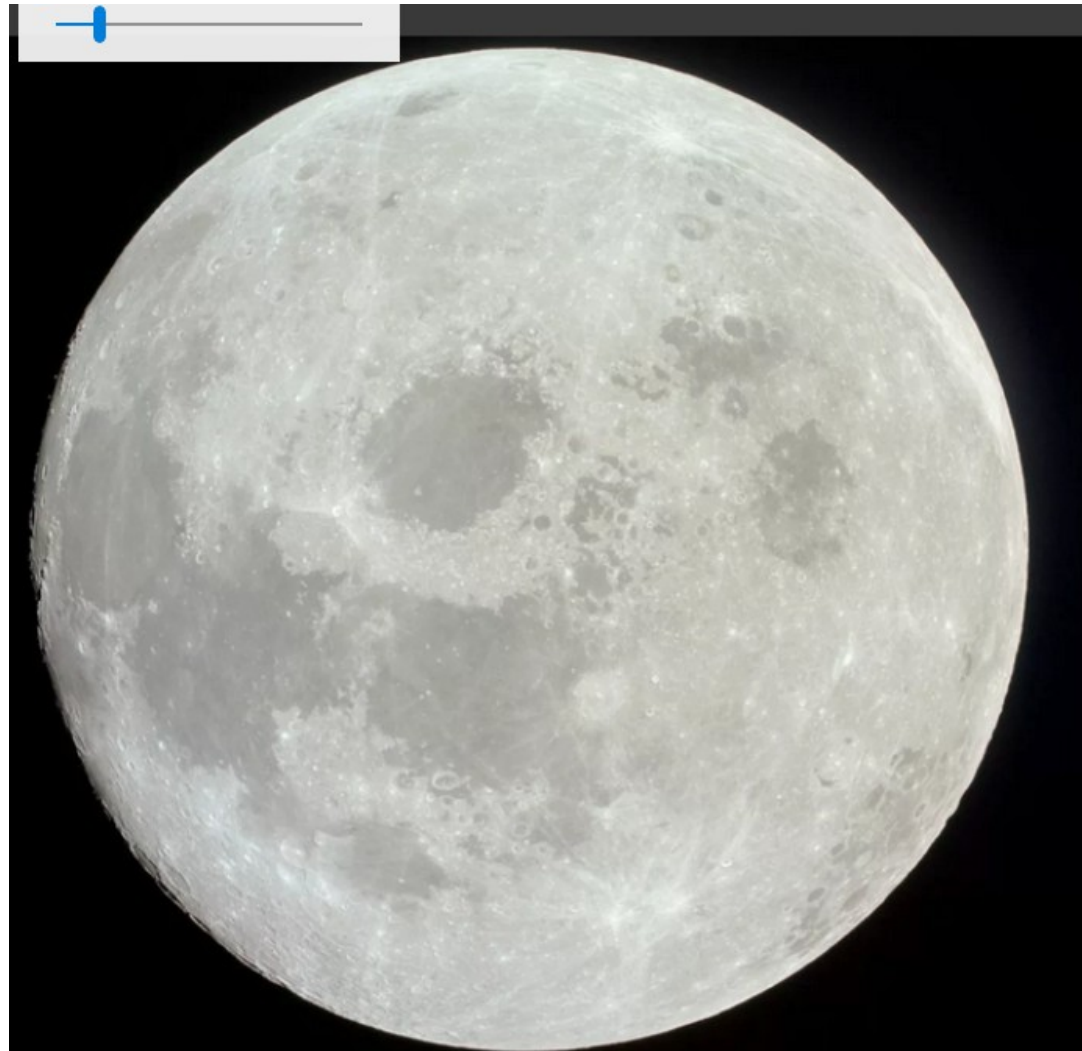
NASA SVS



- This clair-obscur effect is mentioned in the Wiki article as “three illuminated dots gradually transforming into the shape of a triangle.”
- Morning terminator effect co-longitude 5.6 deg on April 20, 3 UT
- Southern Moonscape image date Nov 21, 2012 approx 6 pm, Libration: (E) 7.5 and (S) -6.4, co-longitude 8.9 deg.

APOLLO 11 RETURN JOURNEY

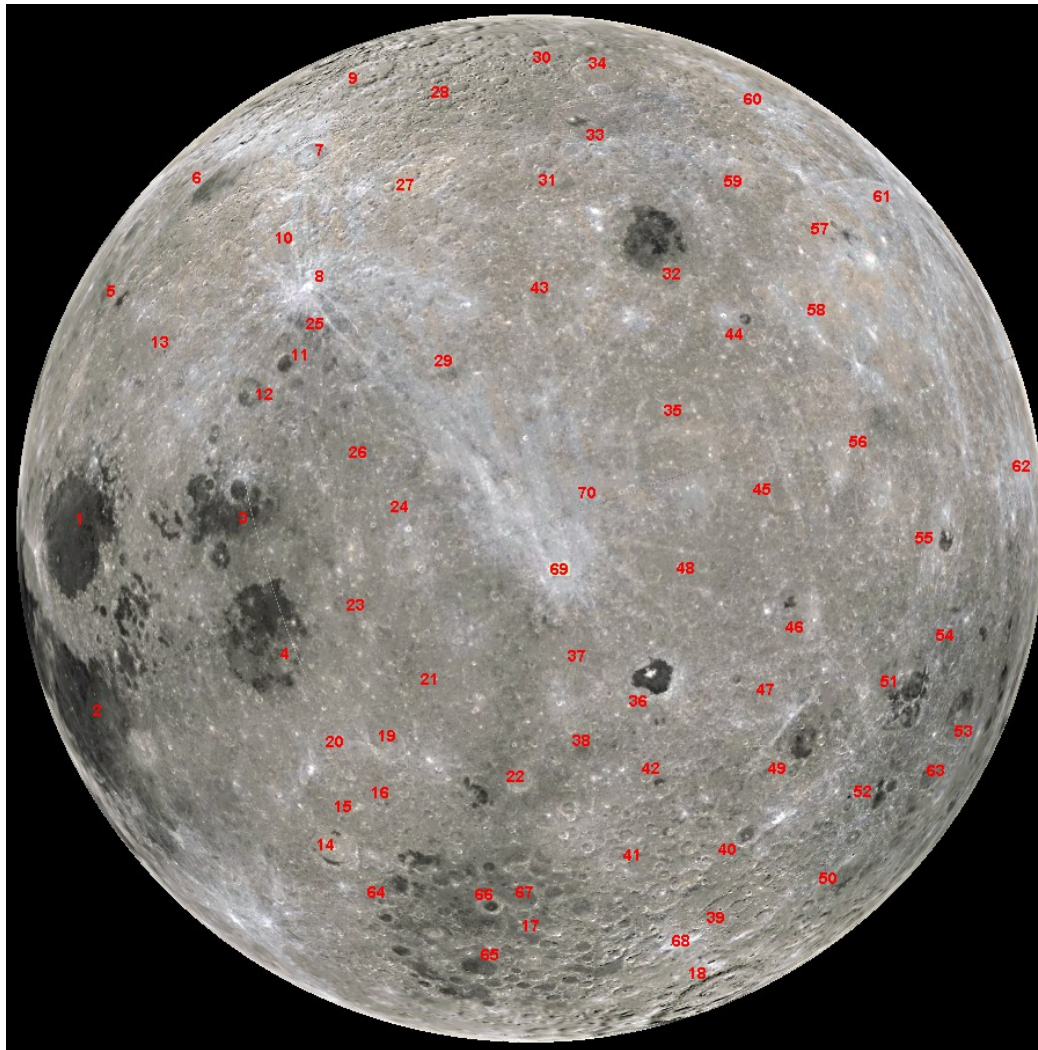
AS11-44-6667



APOLLO 11 HOMEBOUND FULL MOON

- Nasa archive file #AS11-44-6667
- View is from eastern farside to Apennine mountains, roughly 180 deg E to 0 deg, well beyond what we can see at max eastern libration 98 deg.
- Note the variety of tones in Mare Smythii
- Circular patch in the south of “ponds”. This is Mare Australe.
- Bright rayed crater at 1 o'clock position is Giordano Bruno, age 1 – 10 Myr.

https://www.bibliotecapleyades.net/una/moon_farsidemap01.htm



1 - CRISIUM	25 - RICHARDSON 141 km	49 - JULES VERNE 143 km
2 - FECOUNDITAIS	26 - HERTZ 90 km	50 - POINCARE 319 km
3 - MARGINIS	27 - MILLIKAN 98 km	51 - INGENII 318 km
4 - SMYTHII	28 - OLIVIER 69 km	52 - CHRETIEN 88 km
5 - LACUS SPEI 82 km	29 - OLCOTT 81 km	53 - LEIBNITZ 19 km
6 - HUMBOLDTIANUM	30 - AVOGADRO 139 km	54 - VAN DE GRAAF 233 km
7 - BELKOVICH 204 km	31 - KURCHATOV 106 km	55 - AITKEN 135 km
8 - GIORDANO BRUNO 22 km	32 - MOSCOVIENSE 277 km	56 - DEWAR 50 km
9 - SCHUSTER 212 km	33 - CAMPBELL 219 km	57 - BUYS-BALLOT 55 km
10 - FABRY 184 km	34 - D'ALEMBERT 248 km	58 - PAPALEKSI 97 km
11 - LOMONOSOV 92 km	35 - MENDELEEV 313 km	59 - TRUMPLER 77 km
12 - JOLIOT 164 km	36 - TSIOLKOVSKI 185 km	60 - MOORE 54 km
13 - GAUSS 182 km	37 - DELPORTE 45 km	61 - JACKSON 71 km
14 - HUMBOLDT 213 km	38 - SHERRINGTON 62 km	62 - CROOKES 49 km
15 - HUMOLDT CHAIN 165 km	39 - PLANCK 314 km	63 - VON KARMAN-M 225 km
16 - CURIE 151 km	40 - PAULI 84 km	64 - ABEL 117 km
17 - AUSTRALE 515 km - 151.000 kmq	41 - VAN DER WAALS 104 km	65 - LYOT 145 km
18 - SCHONFELD 312 km	42 - BOLYAI 135 km	66 - JENNER 71 km
19 - SKLODOWSKA 127 m	43 - VERNADSKIY 91 km	67 - LAMB 106 km
20 - ANSGARIUS 97 km	44 - KOHLSCHUTTER 53 km	68 - FECHNER 63 km
21 - PASTEUR 224 km	45 - CHAPLYGIN 137 km	69 - NECHO 30 km
22 - SCALIGER 84 km	46 - GAGARIN 265 km	70 - GREGORY 67 km
23 - WYLD 93 km	47 - LEVI-CIVITA 121 km	
24 - AL-KHWARIZMI 65 km	48 - DELLINGER 81 km	

Close Window

RASC EtM & IWLOP

- Tycho – location 43.3 deg S, 11.2 deg W
- EtM #86
- IWLOP #86
- Maginus – location 50.0 deg S, 6.2 deg W
- EtM # 63
- IWLOP # 81
- Mare Australe – IWLOP # L1
- Mare Marginis – IWLOP # L2

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- Mare Marginis – IWLOP # L2

- Mare Smythii – IWLOP # L3

THANK YOU
CLEAR SKIES AND GOOD HEALTH