

PHASE 1 · TERRAIN

Amazonis Planitia

Columns 1–16 · rows A–P · 16 × 16 squares

I of XVIII

PLATES ON THIS SHEET
234

DG / LG / W
86 / 78 / 70

TALLEST STACK
4 plates

SKY SQUARES
178

ROUGHLY
62 min

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A																
B																
C																
D																
E																
F																
G																2
H														2	2	2
I											2	2	2	3	3	
J										2	3	3	3	3	3	3
K								3	3	3	3	3	3	3	3	3
L						3	3	3	3	3	3	3	3	3	3	4
M					3	3	3	3	3	3	3	3	3	3	3	3
N				3	3	3	3	3	3	3	3	3	3	3	3	3
O			3	3	3	3	3	3	3	3	3	4	4	4	4	4
P		3	3	3	3	3	3	3	3	3	4	3	3	4	4	4

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

White

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at −8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

Two thirds of this sheet is sky. A good place to start.

PHASE 1 · TERRAIN

Tempe Terra and Alba Mons

Columns 17–32 · rows A–P · 16 × 16 squares

II of XVIII

PLATES ON THIS SHEET
825

DG / LG / W
336 / 284 / 205

TALLEST STACK
8 plates

SKY SQUARES
54

ROUGHLY
3h 40

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A																
B																2
C												2	2	2	2	2
D							2	2	2	2	2	2	2	2	3	3
E					2	2	3	2	2	3	3	3	3	3	3	3
F		2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
G	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
I	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
J	3	3	3	4	4	4	5	4	5	5	5	4	4	4	4	5
K	3	4	4	4	5	6	7	7	7	5	4	5	5	5	5	5
L	4	4	4	6	7	7	8	7	7	5	5	5	5	5	5	5
M	4	5	5	6	6	6	6	6	5	5	5	5	5	4	5	5
N	4	5	6	6	6	6	5	5	5	5	5	5	5	5	4	4
O	5	5	6	7	6	5	5	5	5	5	5	5	5	4	4	4
P	5	5	6	6	6	5	5	6	5	5	5	5	4	4	4	3

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at −8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

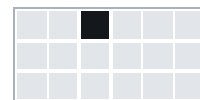
White



PHASE 1 · TERRAIN

Acidalia, Chryse and Cydonia

Columns 33–48 · rows A–P · 16 × 16 squares



III of XVIII

PLATES ON THIS SHEET

610

DG / LG / W

265 / 249 / 96

TALLEST STACK

4 plates

SKY SQUARES

6

ROUGHLY

2h 43

[illegible]

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

The North Polar Cap begins on this sheet. Phase 2 needs a careful hand with the four blues.

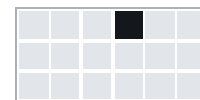


IV

PHASE 1 · TERRAIN

Vastitas Borealis

Columns 49–64 · rows A–P · 16 × 16 squares



IV of XVIII

PLATES ON THIS SHEET

684

DG / LG / W

295 / 254 / 135

TALLEST STACK

5 plates

SKY SQUARES

6

ROUGHLY

3h 02

	49 1	50 2	51 3	52 4	53 5	54 6	55 7	56 8	57 9	58 10	59 11	60 12	61 13	62 14	63 15	64 16
A 1	3	3	3	2	2	2	2	2	2	2						
	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
B 2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
C 3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
D 4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
E 5	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
F 6	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
G 7	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
H 8	2	2	2	2	2	2	3	3	2	2	2	3	3	3	3	2
I 9	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
J 10	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
K 11	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
L 12	3	3	3	3	3	3	3	3	3	4	4	3	4	3	3	3
M 13	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	3
N 14	3	3	3	3	4	3	4	4	4	5	4	4	5	4	3	3
O 15	3	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4
P 16	4	3	3	3	4	4	4	3	4	4	4	4	4	4	4	5

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.



DG

Dark Bluish
Gray

LG

Light Bluish
Gray

W

White

V

PHASE 1 · TERRAIN

Utopia and Arcadia Planitiae

Columns 65–80 · rows A–P · 16 × 16 squares



PLATES ON THIS SHEET
476

DG / LG / W
211 / 206 / 59

TALLEST STACK
5 plates

SKY SQUARES
54

ROUGHLY
2h 07

	65 1	66 2	67 3	68 4	69 5	70 6	71 7	72 8	73 9	74 10	75 11	76 12	77 13	78 14	79 15	80 16
A 1																
B 2	2															
C 3	2	2	2	2	2											
D 4	2	2	2	2	2	2	2	2	2							
E 5	2	2	2	2	2	2	2	2	2	2	2	2				
F 6	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	
G 7	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
H 8	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
I 9	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
J 10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
K 11	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
L 12	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
M 13	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
N 14	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
O 15	4	5	4	3	3	3	3	3	2	3	2	2	2	2	2	2
P 16	5	5	5	4	4	4	3	3	3	3	3	2	2	2	2	2

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at −8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

White

VI

Elysium Mons

VI of XVIII

66 min

	81 1	82 2	83 3	84 4	85 5	86 6	87 7	88 8	89 9	90 10	91 11	92 12	93 13	94 14	95 15	96 16	
A 1																	
B 2																	
C 3																	
D 4																	
E 5																	
F 6																	
G 7	2																
H 8	3	2	2														
I 9	3	3	3	2	2												
J 10	3	3	3	3	3	2											
K 11	3	3	3	3	3	3	3	2									
L 12	2	3	3	3	3	3	3	3	3								
M 13	3	3	3	4	4	3	3	3	3	3							
N 14	2	3	3	5	5	4	4	3	3	3	3						
O 15	2	3	3	4	5	5	4	4	3	3	3	3					
P 16	2	2	3	4	4	7	5	4	4	3	3	3	3				

Figure 1 displays three color calibration patches used for color accuracy in the study. The patches are labeled DG (Dark Bluish Gray), LG (Light Bluish Gray), and W (White). Each patch is represented by a colored square and its corresponding label.

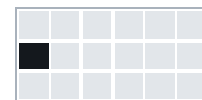
Mostly sky, and quick.

VII

PHASE 1 · TERRAIN

Olympus Mons and the Tharsis volcanoes

Columns 1–16 · rows Q–f · 16 × 16 squares



VII of XVIII

PLATES ON THIS SHEET
1,151DG / LG / W
447 / 383 / 321TALLEST STACK
14 platesSKY SQUARES
14ROUGHLY
5h 07

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Q ₁			3	3	3	3	3	3	3	3	4	3	8	6	4	5
			3	3	3	3	3	3	3	3	4	9	14	6	4	5
3		3	3	3	3	3	3	3	3	3	4	14	7	5	5	6
3		3	3	3	3	3	3	3	3	4	4	4	5	5	6	6
U ₅		3	3	3	3	3	3	3	3	4	4	4	5	5	6	6
V ₆	3	3	3	3	3	3	3	3	3	3	5	5	6	7	6	6
W ₇	3	3	3	3	3	3	3	3	3	5	5	5	6	7	6	6
X ₈	3	3	3	3	4	3	3	3	4	4	5	5	6	7	7	9
Y ₉	3	3	3	4	4	5	3	4	4	5	5	6	6	7	8	9
Z ₁₀	3	3	4	3	4	4	4	4	4	5	6	6	7	8	9	8
a ₁₁	4	4	4	3	4	4	4	4	4	5	5	6	7	8	9	8
b ₁₂		4	4	4	4	4	4	4	5	5	5	6	6	7	13	8
c ₁₃		4	4	4	4	4	5	4	5	5	6	6	6	8	10	8
		5	5	5	4	4	5	4	6	5	5	6	6	7	8	8
5		5	4	4	5	5	6	5	5	6	6	6	6	7		
5		5	5	5	5	5	5	5	5	5	5	6	6	6	7	

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

Two cells here are the summit of Olympus Mons at fourteen plates, the tallest stacks anywhere on the board. Arsia Mons nearby is thirteen.

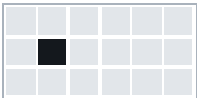


VIII

PHASE 1 · TERRAIN

Valles Marineris and Ascræus Mons

Columns 17–32 · rows Q–f · 16 × 16 squares



VIII of XVIII

PLATES ON THIS SHEET
1,493

DG / LG / W
578 / 498 / 417

TALLEST STACK
10 plates

SKY SQUARES
0

ROUGHLY
6h 38

	17 1	18 2	19 3	20 4	21 5	22 6	23 7	24 8	25 9	26 10	27 11	28 12	29 13	30 14	31 15	32 16
Q 1	5	6	6	6	5	6	6	5	5	5	5	4	4	4	4	4
R 2	5	6	5	6	6	6	5	5	5	4	4	3	4	4	4	4
S 3	6	6	5	6	6	6	5	5	5	4	4	4	4	4	4	4
T 4	6	5	6	10	6	6	6	5	5	4	4	4	5	4	4	4
U 5	6	8	8	6	6	6	5	5	4	4	4	4	5	4	4	4
V 6	6	8	8	6	6	6	5	5	4	4	5	5	5	5	4	4
W 7	7	8	7	6	6	6	5	5	4	5	5	5	5	5	5	5
X 8	9	7	7	7	6	6	6	5	4	6	6	6	5	5	5	5
Y 9	8	7	7	8	7	6	6	6	6	6	6	6	6	4	5	5
Z 10	8	8	8	8	6	6	6	7	7	6	4	5	6	6	6	6
a 11	8	8	8	8	7	6	7	7	7	5	2	6	7	7	6	6
b 12	8	8	8	8	7	6	7	7	7	5	6	6	3	6	2	3
c 13	8	8	8	8	8	8	7	7	7	6	6	6	3	6	2	3
d 14	8	8	8	8	8	7	7	7	6	6	6	6	6	7	6	6
e 15	7	7	7	8	7	7	7	6	6	6	6	6	6	6	6	6
f 16	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

The largest sheet in the set. Worth splitting across two sittings, or two people.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

White



PHASE 1 · TERRAIN

Xanthe Terra and Meridiani Planum

Columns 33–48 · rows Q–f · 16 × 16 squares



IX of XVIII

PLATES ON THIS SHEET

974

DG / LG / W

416 / 300 / 258

TALLEST STACK

7 plates

SKY SQUARES

0

ROUGHLY

4h 20

	33 1	34 2	35 3	36 4	37 5	38 6	39 7	40 8	41 9	42 10	43 11	44 12	45 13	46 14	47 15	48 16
Q 1	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4
	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4
R 2	4	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4
	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4
S 3	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4
	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4
T 4	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4
	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	4
U 5	4	4	3	3	3	3	3	3	4	4	4	3	4	4	4	4
	5	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4
V 6	5	4	4	4	4	3	3	4	3	4	3	3	3	4	4	4
	5	4	4	4	4	3	3	4	3	4	3	3	3	4	4	4
W 7	5	5	5	4	4	3	4	3	3	3	4	4	4	4	4	4
	5	5	5	4	4	3	4	3	3	3	4	4	4	4	4	4
X 8	5	5	4	5	4	4	4	3	4	4	3	3	4	4	4	4
	6	5	5	5	5	2	3	2	4	4	3	3	4	4	4	4
Y 9	6	5	4	4	3	2	4	4	3	3	4	4	3	4	4	4
	6	3	4	5	3	4	4	4	3	4	4	4	4	4	4	4
Z 10	6	3	3	5	5	5	4	3	4	4	4	4	4	4	4	4
	5	5	3	5	5	5	4	3	3	4	4	4	4	4	4	5
a 11	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
b 12	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
c 13	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
d 14	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
e 15	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
f 16	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5
	7	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.



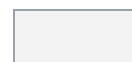
DG

Dark Bluish
Gray



LG

Light Bluish
Gray



W

White



PHASE 1 · TERRAIN

Arabia Terra and Terra Sabaea

Columns 49–64 · rows Q–f · 16 × 16 squares



X of XVIII

PLATES ON THIS SHEET	DG / LG / W	TALLEST STACK	SKY SQUARES	ROUGHLY
1,219	504 / 415 / 300	6 plates	0	5h 25

	49 1	50 2	51 3	52 4	53 5	54 6	55 7	56 8	57 9	58 10	59 11	60 12	61 13	62 14	63 15	64 16
Q 1	3	3	4	3	3	4	4	4	4	5	4	4	5	5	5	5
R 2	3	4	4	4	4	4	4	4	4	5	4	4	4	5	4	5
S 3	3	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5
T 4	4	3	4	4	4	4	4	4	4	4	4	5	4	5	5	5
U 5	4	4	3	4	4	4	4	5	4	4	4	5	4	5	5	5
V 6	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	5
W 7	4	4	4	4	4	4	5	5	5	5	5	5	6	5	5	5
X 8	4	4	4	4	4	4	5	5	4	5	5	5	5	5	6	5
Y 9	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	5
Z 10	4	4	4	4	5	5	5	6	5	5	6	5	5	6	6	6
a 11	4	4	5	5	5	5	5	6	5	5	6	5	6	6	6	6
b 12	4	5	4	5	5	5	5	5	5	6	6	6	6	6	5	5
c 13	4	5	5	5	5	5	6	6	6	6	6	5	6	6	5	5
d 14	5	5	5	5	5	5	6	6	6	6	6	5	6	6	6	5
e 15	5	5	5	5	5	5	6	6	6	6	6	6	6	5	5	5
f 16	5	5	5	5	6	5	5	5	6	6	5	5	5	4	5	4

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

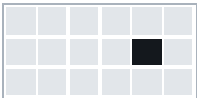
White



PHASE 1 · TERRAIN

Syrtis Major, Isidis and Jezero

Columns 65–80 · rows Q–f · 16 × 16 squares



XI of XVIII

PLATES ON THIS SHEET	DG / LG / W	TALLEST STACK	SKY SQUARES	ROUGHLY
1,166	458 / 418 / 290	6 plates	0	5h 11

	65 1	66 2	67 3	68 4	69 5	70 6	71 7	72 8	73 9	74 10	75 11	76 12	77 13	78 14	79 15	80 16
Q 1	5	5	5	5	4	4	4	3	3	3	3	3	3	2	2	3
R 2	5	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3
S 3	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3
T 4	5	5	5	5	5	4	3	3	3	3	3	3	3	4	3	3
U 5	5	5	5	5	5	4	4	3	3	3	3	3	3	4	4	4
V 6	5	5	6	6	5	5	4	3	3	3	3	3	3	4	4	4
W 7	5	5	5	6	5	5	5	4	3	3	3	4	4	4	4	4
X 8	5	5	5	5	5	5	5	4	4	4	4	4	6	4	4	5
Y 9	5	5	6	6	6	5	5	6	5	5	5	5	5	5	4	4
Z 10	6	6	6	6	6	6	5	5	6	6	5	5	5	5	5	5
a 11	6	6	5	5	5	5	5	5	5	6	6	5	5	5	5	5
b 12	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5
c 13	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5
d 14	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5
e 15	5	5	4	4	5	5	5	5	5	6	6	6	5	6	5	5
f 16	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

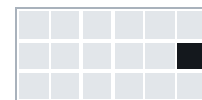
White

XII

PHASE 1 · TERRAIN

Elysium Planitia and Gale crater

Columns 81–96 · rows Q–f · 16 × 16 squares



XII of XVIII

PLATES ON THIS SHEET
940DG / LG / W
366 / 318 / 256TALLEST STACK
6 platesSKY SQUARES
14ROUGHLY
4h 11

	81 1	82 2	83 3	84 4	85 5	86 6	87 7	88 8	89 9	90 10	91 11	92 12	93 13	94 14	95 15	96 16
Q 1	3	3	3	4	5	5	5	4	4	4	3	3	3	3		
R 2	3	3	3	3	4	4	5	5	4	4	3	3	3	3		
S 3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3	
T 4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	
U 5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
V 6	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3
W 7	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3
X 8	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
Y 9	4	5	5	5	5	3	3	3	3	3	3	3	3	3	3	3
Z 10	5	5	5	5	5	4	3	4	4	3	3	3	3	3	3	3
a 11	5	5	5	5	5	3	3	4	4	3	3	3	3	3	3	4
b 12	5	6	6	5	5	5	5	4	5	4	4	4	3	3	5	
c 13	6	5	6	5	6	5	5	6	5	5	4	4	4	3	4	
d 14	5	5	6	5	5	5	6	5	5	5	4	4	4	3	4	
e 15	6	6	5	5	5	5	6	5	5	4	4	4	4	5		
f 16	6	6	5	6	5	5	5	5	5	5	5	5	4	5		

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

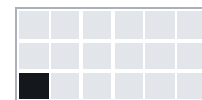


XIII

PHASE 1 · TERRAIN

Daedalia Planum

Columns 1–16 · rows g–v · 16 × 16 squares



XIII of XVIII

PLATES ON THIS SHEET
413

DG / LG / W
156 / 155 / 102

TALLEST STACK
6 plates

SKY SQUARES
178

ROUGHLY
1h 50

	1 1	2 2	3 3	4 4	5 5	6 6	7 7	8 8	9 9	10 10	11 11	12 12	13 13	14 14	15 15	16 16										
g 1				5	5	5	5	5	5	6	5	5	6	6	6	6										
h 2					5	5	5	5	5	5	5	6	5	6	6	6										
i 3						5	6	5	6	5	5	5	6	5	5	6										
j 4								5	6	6	6	5	5	5	5	5	5									
k 5								5	5	6	6	6	6	5	5	5										
l 6												5	5	5	6	6	5	5	5							
m 7															5	5	5	5	4	5						
n 8																5	5	5	5	6						
o 9														5	5	5										
p 10																									6	
q 11																										
r 12																										
s 13																										
t 14																										
u 15																										
v 16																										

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.



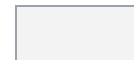
DG

Dark Bluish
Gray



LG

Light Bluish
Gray



W

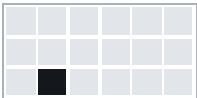
White

XIV

PHASE 1 · TERRAIN

Solis Planum and Terra Sirenum

Columns 17–32 · rows g–v · 16 × 16 squares



XIV of XVIII

PLATES ON THIS SHEET	DG / LG / W	TALLEST STACK	SKY SQUARES	ROUGHLY
1,178	435 / 408 / 335	8 plates	54	5h 14

	17 1	18 2	19 3	20 4	21 5	22 6	23 7	24 8	25 9	26 10	27 11	28 12	29 13	30 14	31 15	32 16
g 1	6	7	7	7	7	8	7	6	6	6	6	6	6	6	6	6
h 2	6	6	7	7	7	8	8	7	6	6	6	6	7	7	6	6
i 3	6	6	6	6	7	7	8	7	7	6	6	7	7	6	6	6
j 4	5	6	6	7	6	6	6	7	7	7	7	6	6	6	6	6
k 5	5	5	6	6	6	6	6	6	6	7	7	7	7	6	6	5
l 6	5	6	5	5	6	5	6	6	6	6	7	6	6	6	6	6
m 7	5	5	5	5	5	5	6	5	6	6	6	6	6	6	5	6
n 8	6	6	6	6	6	6	5	5	5	5	6	6	6	5	5	5
o 9	5	6	6	6	6	6	6	6	6	5	5	5	5	6	6	6
p 10	6	5	5	5	5	6	5	5	6	6	5	5	5	5	6	6
q 11		5	5	5	5	5	6	6	5	5	5	6	5	5	5	5
r 12					5	5	6	6	6	5	5	5	5	6	6	6
s 13							5	5	5	5	5	5	5	5	5	6
t 14											6	5	5	5	5	5
u 15																5
v 16																

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

DG	LG	W
Dark Bluish Gray	Light Bluish Gray	White



PHASE 1 · TERRAIN

Argyre Planitia and the southern cap

Columns 33–48 · rows g–v · 16 × 16 squares



XV of XVIII

PLATES ON THIS SHEET	DG / LG / W	TALLEST STACK	SKY SQUARES	ROUGHLY
1,233	488 / 460 / 285	7 plates	6	5h 29

	33 1	34 2	35 3	36 4	37 5	38 6	39 7	40 8	41 9	42 10	43 11	44 12	45 13	46 14	47 15	48 16
g 1	5	5	4	5	5	5	4	5	5	5	5	4	5	5	5	5
h 2	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5
i 3	6	6	6	5	5	5	4	3	4	5	5	5	5	5	5	5
j 4	6	6	6	5	4	4	5	4	4	4	5	5	5	5	5	5
k 5	6	5	5	5	5	4	3	4	4	5	5	5	4	5	5	5
l 6	5	6	5	5	4	3	3	3	3	5	5	5	5	5	5	5
m 7	6	5	5	5	4	3	3	3	4	3	4	5	5	5	5	5
n 8	5	6	6	6	4	4	3	3	3	5	5	4	5	5	5	5
o 9	5	5	5	5	5	5	5	4	6	5	4	5	4	5	5	6
p 10	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5
q 11	5	5	6	5	5	5	5	5	5	4	5	5	5	5	5	5
r 12	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
s 13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
t 14	6	6	6	5	5	5	5	5	6	6	5	5	5	5	5	5
u 15	5	5	5	5	5	5	5	5	5	5	6	5	5	6	6	6
v 16							6	6	6	6	6	6	6	6	6	7

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

The South Polar Cap sits on this sheet. Phase 2 needs a careful hand with the four blues.

DG

Dark Bluish Gray

LG

Light Bluish Gray

W

White

XVI

PHASE 1 · TERRAIN

Noachis Terra and the southern cap

Columns 49–64 · rows g–v · 16 × 16 squares



XVI of XVIII

PLATES ON THIS SHEET
1,155DG / LG / W
463 / 426 / 266TALLEST STACK
7 platesSKY SQUARES
6ROUGHLY
5h 08

	49 1	50 2	51 3	52 4	53 5	54 6	55 7	56 8	57 9	58 10	59 11	60 12	61 13	62 14	63 15	64 16
g 1	5	5	5	5	6	5	5	5	5	5	5	5	4	4	4	3
h 2	5	5	5	5	5	6	6	5	5	5	5	5	5	4	3	1
i 3	5	5	5	5	5	5	6	6	5	5	5	3	2	1	1	1
j 4	5	5	5	5	5	5	6	6	5	5	5	3	1	1	1	1
k 5	5	5	5	5	6	5	6	5	4	4	2	1	1	1	1	1
l 6	5	5	5	6	5	6	5	5	5	5	3	2	1	1	1	1
m 7	5	5	5	5	5	5	5	5	5	4	3	2	2	1	1	2
n 8	5	5	5	5	5	6	5	5	4	4	4	3	2	3	1	1
o 9	5	6	5	5	5	5	5	5	5	5	5	5	4	3	3	4
p 10	5	5	5	5	5	5	5	5	5	5	4	5	4	4	5	5
q 11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5
r 12	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5
s 13	5	5	5	5	6	5	5	6	5	5	6	5	5	5	5	5
t 14	5	5	5	5	6	6	5	5	5	6	6	5	5	6	5	5
u 15	6	6	6	5	5	6	6	6	5	6	6	6	6	5	5	5
v 16	7	6	6	6	6	6	6	6	6	6						

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

Shares the southern cap with sheet XV.



XVII

PHASE 1 · TERRAIN

Hellas Planitia

Columns 65–80 · rows g–v · 16 × 16 squares



PLATES ON THIS SHEET	DG / LG / W	TALLEST STACK	SKY SQUARES	ROUGHLY
867	358 / 323 / 186	6 plates	54	3h 51

	65 1	66 2	67 3	68 4	69 5	70 6	71 7	72 8	73 9	74 10	75 11	76 12	77 13	78 14	79 15	80 16
g 1	4	3	3	2	3	4	4	4	4	4	5	5	5	5	5	5
h 2	1	1	1	2	3	3	3	4	3	5	5	5	5	5	5	6
i 3	1	1	1	1	1	2	4	3	4	5	5	5	5	5	5	6
j 4	1	1	1	1	2	2	3	3	5	5	5	5	5	5	5	5
k 5	1	1	1	2	2	2	3	5	5	5	5	4	5	5	5	5
l 6	1	1	1	2	2	3	4	4	5	5	5	5	5	5	5	5
m 7	1	1	2	2	4	5	5	5	5	5	5	5	6	6	5	5
n 8	2	3	4	5	5	5	5	5	6	5	5	6	5	6	5	5
o 9	4	5	5	5	6	5	5	5	5	5	5	6	5	5	5	5
p 10	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5
q 11	5	6	5	5	5	5	5	5	5	5	5	5	6	5	5	
r 12	5	5	5	5	5	5	5	6	6	6	5	5				
s 13	5	5	5	5	6	5	5	5	5							
t 14	5	5	5	5	5											
u 15	5															
v 16																

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at –8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.

Hellas is the deepest ground on Mars, and the shortest stacks here.

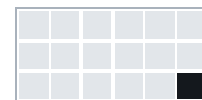


XVIII

PHASE 1 · TERRAIN

Terra Cimmeria

Columns 81–96 · rows g–v · 16 × 16 squares



XVIII of XVIII

PLATES ON THIS SHEET

394

DG / LG / W

156 / 151 / 87

TALLEST STACK

6 plates

SKY SQUARES

178

ROUGHLY

1h 45

	81 1	82 2	83 3	84 4	85 5	86 6	87 7	88 8	89 9	90 10	91 11	92 12	93 13	94 14	95 15	96 16
g 1	5	6	5	6	6	5	5	5	5	5	5	5	5			
h 2	6	6	5	6	5	5	5	5	5	4	5	5				
i 3	6	6	4	5	5	4	5	5	5	5	5					
j 4	6	4	5	5	5	5	5	5	5	5						
k 5	5	5	5	5	5	5	5	5	5							
l 6	5	5	5	5	5	5	4	5								
m 7	5	5	5	5	5	5										
n 8	5	5	5	5	5											
o 9	5	5	5													
p 10	5															
q 11																
r 12																
s 13																
t 14																
u 15																
v 16																

The number in the square is how many plates tall. Build up from the board: **DG, LG, W**, then DG again, until you reach the number.

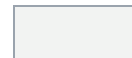
A dark square is sky and stays empty. One plate is 2 km of elevation, and the bottom plate starts at -8 km, so five plates is Martian sea level. White numbers on black are the squares that run off the top of the wall map's colour scale; build them exactly as written.



DG

Dark Bluish
Gray

LG

Light Bluish
Gray

W

White