

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
HC-24	Medium (1), copy	3	Unknown	8/7/1869	Shelbyville, KY	CD#6
HC-34	Short (2), copy	1	Unknown	8/7/1869	Shelbyville, KY	images
HC-35	Long (2), copy	1	Unknown	8/7/1869	Shelbyville, KY	CD#7
HC-39	Medium (1), copy	2	Unknown	8/7/1869	Shelbyville, KY	#7
HC-26	Long (2), copy	2	Unknown	12/22/1870	Jerez de la Frontera, Spain	#6
HC-36	Short (3), copy	1	Unknown	12/22/1870	Jerez de la Frontera, Spain	#7
HC-37	Medium (3), copy	1	Exp. #1	12/22/1870	Jerez de la Frontera, Spain	#7
HC-38	Long (3), copy	1	Unknown	12/22/1870	Jerez de la Frontera, Spain	#7
HC-25	Short (2), copy	2	Unknown	12/22/1870	Jerez de la Frontera, Spain	on #6
72	Short (2), copy	W1	Unknown	7/29/1878	Creston, WY	poorly digitized, too dark, CD#3
73	Long (2), copy	W1	Unknown	7/29/1878	Creston, WY	poorly digitized, too dark, CD#3
74	Short (2), copy	W2	Unknown	7/29/1878	Creston, WY	poorly digitized, too dark, CD#3
75	Long (2), copy	W2	Unknown	7/29/1878	Creston, WY	poorly digitized, too dark, CD#3
76	Short (2), copy	W4	Unknown	7/29/1878	Creston, WY	#3
77	Long (2), copy	W4	Unknown	7/29/1878	Creston, WY	#3
78	Short (2), copy	W5	Unknown	7/29/1878	Creston, WY	#3
79	Long (2), copy	W5	Unknown	7/29/1878	Creston, WY	#3
80	Short (2), copy	C13	Unknown	7/29/1878	Creston, WY	#3
81	Long (2), copy	C13	Unknown	7/29/1878	La Junta, CO	#3
82	Short (3), copy	C14	Unknown	7/29/1878	La Junta, CO	#3
83	Short (3), copy	C14	Unknown	7/29/1878	La Junta, CO	#3
84	Short (3), copy	C14	Unknown	7/29/1878	La Junta, CO	#3
85	Short (3), copy	C15	Unknown	7/29/1878	La Junta, CO	#3
86	Short (3), copy	C15	Unknown	7/29/1878	La Junta, CO	#3
87	Long (3), copy	C15	Unknown	7/29/1878	La Junta, CO	CD#4
88	Short (3), copy	C16	Unknown	7/29/1878	La Junta, CO	"
89	Medium (3), copy	C16	Unknown	7/29/1878	La Junta, CO	"
90	Long (3), copy	C16	Unknown	7/29/1878	La Junta, CO	"
91	Short (3), copy	C17	Unknown	7/29/1878	La Junta, CO	"
92	Long (3), copy	C17	Unknown	7/29/1878	La Junta, CO	Slightly oversized Lunar disk #1
93	Medium (3), copy	C17	Unknown	7/29/1878	La Junta, CO	Oversize moon #1
HC-10	Long (3), copy	6	Unknown	1/1/1889	Willows, CA	CD #10
HC-11	Long (3), copy	6	Unknown	1/1/1889	Willows, CA	CD #11

No Prefix = U.S. Naval Obs.  
 A = Univ. of Arizona  
 H = High Altitude Obs.  
 HC = Harvard College  
 L = Lick Obs.  
 MW = Mt. Wilson Obs.  
 NR = Naval Res. Lab

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HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
HC-12*	Short (4), copy	5	Unknown	1/1/1889	Willows, CA	CD#6
HC-13	Short (4), copy	5	Unknown	1/1/1889	Willows, CA	#6
HC-14	Long (4), copy	5	Unknown	1/1/1889	Willows, CA	#6
HC-15	Long (4), copy	5	Unknown	1/1/1889	Willows, CA	#6
HC-19*	Short (1), copy	1	Unknown	1/1/1889	Willows, CA	#6
HC-20	Medium (2), copy	1	Unknown	1/1/1889	Willows, CA	#6
HC-21	Long (2), copy	1	Unknown	1/1/1889	Willows, CA	#6
HC-30	Short (2), copy	2	Unknown	1/1/1889	Willows, CA	#6
HC-31	Long (2), copy	2	Unknown	1/1/1889	Willows, CA	#6
L-128	Short (2), copy	1	Unknown	1/1/1889	Bartlett Springs, CA	CD#D
L-129	Long (2), copy	1	Unknown	1/1/1889	Bartlett Springs, CA	
L-130	? (2), copy	3	8s	1/1/1889	Bartlett Springs, CA	
L-131	? (2), copy	3	8s	1/1/1889	Bartlett Springs, CA	
*L-132*	Short (2), copy	2	Unknown	1/1/1889	Bartlett Springs, CA	
L-133	Long (2), copy	2	Unknown	1/1/1889	Bartlett Springs, CA	
*L-126	Short (2), copy	3	5s	12/21/1889	Cayenne, Fr. Guiana	
L-127	Long (2), copy	3	5s	12/21/1889	Cayenne, Fr. Guiana	
L-134	Short (2), copy	1	5s	12/21/1889	Cayenne, Fr. Guiana	
L-135	Long (2), copy	1	5s	12/21/1889	Cayenne, Fr. Guiana	
L-136	Short (3), copy	2	15s	12/21/1889	Cayenne, Fr. Guiana	CD#10
L-137	Medium (3), copy	2	15s	12/21/1889	Cayenne, Fr. Guiana	CD#11
L-138	Long (3), copy	2	15s	12/21/1889	Cayenne, Fr. Guiana	CD#11
L-43	Short (2), copy	3	2s	5/28/00	Thomaston, Georgia	
L-44	Long (2), copy	3	2s	5/28/00	Thomaston, Georgia	
L-45	Short (2), copy	4	4s	5/28/00	Thomaston, Georgia	
L-46	Long (2), copy	4	4s	5/28/00	Thomaston, Georgia	
L-47	Short (2), copy	5	16s	5/28/00	Thomaston, Georgia	
L-48	Long (2), copy	5	16s	5/28/00	Thomaston, Georgia	
L-50	Long (2), copy	6	8s	5/28/00	Thomaston, Georgia	
L-52	Medium (3), copy	8	1/2s	5/28/00	Thomaston, Georgia	
L-53	Long (3), copy	8	1/2s	5/28/00	Thomaston, Georgia	
L-51	Short (3), copy	8	1/2s	5/28/00	Thomaston, Georgia	
L-54	Short (2), copy	2	1s	5/16/01	Padang, Sumatra	

good HC-16 CD#6  
 poor HC-17 CD#6  
 HC-18 CD#6

HC-27 good  
 HC-28 good  
 HC-29 good

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
L-55	Long (2), copy	2	1s	5/16/01	Padang, Sumatra	UD #8
L-56	Short (2), copy	3	2s	5/16/01	Padang, Sumatra	#8
L-57	Long (2), copy	3	2s	5/16/01	Padang, Sumatra	#8
L-58	Short (2), copy	4	4s	5/16/01	Padang, Sumatra	CD#8
L-59	Long (2), copy	4	4s	5/16/01	Padang, Sumatra	CD#9
L-60	Short (2), copy	5	16s	5/16/01	Padang, Sumatra	#9
L-61	Long (2), copy	5	16s	5/16/01	Padang, Sumatra	#9
L-15	Short (2), copy	7	140s	5/17/01	Padang, Sumatra	CD#7
L-16	Long (2), copy	7	140s	5/17/01	Padang, Sumatra	#7
L-17	Short (2), copy	6	140s	5/17/01	Padang, Sumatra	#7
L-18	Long (2), copy	6	140s	5/17/01	Padang, Sumatra	#7
L-19	Short (2), copy	7	140s	5/17/01	Padang, Sumatra	#7
L-20	Long (2), copy	7	140s	5/17/01	Padang, Sumatra	#7
L-21	Short (3), copy	S6	64s	8/30/05	Alhama, Spain	#7
L-22	Long (3), copy	S6	64s	8/30/05	Alhama, Spain	CD#8
L-23	Short (3), copy	S5	64s	8/30/05	Alhama, Spain	#8
L-24	Short (3), copy	S5	64s	8/30/05	Alhama, Spain	#8
L-25	Long (3), copy	S5	64s	8/30/05	Alhama, Spain	#8
L-26	Long (3), copy	S6	64s	8/30/05	Alhama, Spain	#8
L-27	Medium (3), copy	E6	16s	8/30/05	Aswan, Egypt	#8
L-28	Short (3), copy	E6	16s	8/30/05	Aswan, Egypt	#8
L-29	Long (3), copy	E6	16s	8/30/05	Aswan, Egypt	#8
L-62	Short (2), copy	S2	1s	8/30/05	Alhama, Spain	~CD#9
L-63	Long (2), copy	S2	1s	8/30/05	Alhama, Spain	#9
L-64	Short (2), copy	S3	4s	8/30/05	Alhama, Spain	#9
L-65	Long (2), copy	S3	4s	8/30/05	Alhama, Spain	#9
L-66	Short (2), copy	S4	8s	8/30/05	Alhama, Spain	#9
L-67	Long (2), copy	S4	8s	8/30/05	Alhama, Spain	#9
L-68	Short (2), copy	S4	2s	8/30/05	Alhama, Spain	#9
L-69	Long (2), copy	S8	2s	8/30/05	Alhama, Spain	#9
L-70	Short (2), copy	E1	1s	8/30/05	Aswan, Egypt	#9
L-71	Long (2), copy	E1	1s	8/30/05	Aswan, Egypt	#9
L-72	Short (2), copy	E3	4s	8/30/05	Aswan, Egypt	#9

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HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
L-73	Long (2), copy	E3	4s	8/30/05	Aswan, Egypt	CD #9
L-74	Short (2), copy	E7	8s	8/30/05	Aswan, Egypt	#9
L-75	Long (2), copy	E7	8s	8/30/05	Aswan, Egypt	#9
L-76	Short (2), copy	E4	8s	8/30/05	Aswan, Egypt	#9
L-77	Long (2), copy	E4	8s	8/30/05	Aswan, Egypt	#9
L-30	Long (1), copy	6	32s	1/3/08	Flint Island	Plate missing
L-31	Short (2), copy	5	64s	1/3/08	Flint Island	
L-32	Long (2), copy	5	64s	1/3/08	Flint Island	
L-78	Short (2), copy	1	4s	1/3/08	Flint Island	CD #9
L-79	Long (2), copy	1	4s	1/3/08	Flint Island	#9
L-80	Short (2), copy	2	2s	1/3/08	Flint Island	#9
L-81	Long (2), copy	2	2s	1/3/08	Flint Island	#9
L-82	Short (2), copy	3	32s	1/3/08	Flint Island	#9
L-83	Long (2), copy	3	32s	1/3/08	Flint Island	#9
MW-17	Long (3), copy	6	1/2s	6/8/08	Matheson, CO	CD #4
MW-18	Enl (4), copy	5	1/2s	6/8/08	Matheson, CO	CD #5
MW-19	Enl (4), copy	5	1/2s	6/8/08	Matheson, CO	#5
MW-20	Enl (3), copy	6	1/2s	6/8/08	Matheson, CO	Mislabeled MW-21 on plate #5
MW-21	Long (3), copy	3	8s	6/8/08	Matheson, CO	CD #9
L-84	Short (2), copy	5	32s	6/8/08	Goldendale, WA	#9
L-85	Long (2), copy	5	32s	6/8/08	Goldendale, WA	#9
L-86	Short (2), copy	6	16s	6/8/08	Goldendale, WA	#9
L-87	Long (2), copy	6	16s	6/8/08	Goldendale, WA	#9
L-88	Short (2), copy	7	8s	6/8/08	Goldendale, WA	#9
L-89	Long (2), copy	7	8s	6/8/08	Goldendale, WA	#9
L-90	Short (2), copy	8	4s	6/8/08	Goldendale, WA	#9
L-91	Long (2), copy	8	4s	6/8/08	Goldendale, WA	#9
L-118	Short (2), copy	1	Inst.	6/8/08	Goldendale, WA	CD #10
L-119	Long (2), copy	1	Inst.	6/8/08	Goldendale, WA	#10
L-120	Short (2), copy	2	1s	6/8/08	Goldendale, WA	#10
L-121	Long (2), copy	2	1s	6/8/08	Goldendale, WA	#10
L-122	Short (2), copy	9	2s	6/8/08	Goldendale, WA	#10
L-123	Long (2), copy	9	2s	6/8/08	Goldendale, WA	#10

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
L-124	Short (2), copy	10	Short	6/8/08	Goldendale, WA	CD#10
L-125	Long (2), copy	10	Short	6/8/08	Goldendale, WA	#10
L-103	Long (2), copy	14	16s	9/21/11	Wallai, Australia	#10
MW-8	Short (2), copy	1	1s	6/8/18	Matheson, CO	CD#4
MW-9	Long (2), copy	1	1s	6/8/18	Matheson, CO	#4
MW-10	Short (2), copy	2	4s	6/8/18	Matheson, CO	CD#4
MW-11	Long (2), copy	2	4s	6/8/18	Matheson, CO	CD#4
MW-12	Short (3), copy	3	8s	6/8/18	Matheson, CO	#4
MW-13	Long (3), copy	3	8s	6/8/18	Matheson, CO	#4
MW-14	Short (4), copy	5	1/2s	6/8/18	Matheson, CO	#4
MW-15	Long (4), copy	5	1/2s	6/8/18	Matheson, CO	#4
MW-16	Short (3), copy	5	1/2s	6/8/18	Matheson, CO	#4
L-92	15s (8), copy	11	32s	9/21/22	Wallai, Australia	CD#9
L-93	40s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-94	80s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-95	120s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-96	20s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-97	60s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-98	20s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-99	180s (8), copy	11	32s	9/21/22	Wallai, Australia	#9
L-100	Short (2), copy	12	64s	9/21/22	Wallai, Australia	CD#10
L-101	Long (2), copy	12	64s	9/21/22	Wallai, Australia	#10
L-102	Short (2), copy	14	16S	9/21/22	Wallai, Australia	#10
L-104	Short (2), copy	15	8s	9/21/22	Wallai, Australia	
L-105	Long (2), copy	15	8s	9/21/22	Wallai, Australia	
L-110	Short (2), copy	8	4s	9/21/22	Wallai, Australia	
L-111	Long (2), copy	8	4s	9/21/22	Wallai, Australia	
L-112	Short (2), copy	17	2s	9/21/22	Wallai, Australia	
L-113	Long (2), copy	17	2s	9/21/22	Wallai, Australia	
L-114	Short (2), copy	6	1s	9/21/22	Wallai, Australia	
L-115	Long (2), copy	6	1s	9/21/22	Wallai, Australia	
L-116	Short (2), copy	7	2s	9/21/22	Wallai, Australia	
L-117	Long (2), copy	7	2s	9/21/22	Wallai, Australia	

L103 poor CD#10  
 L106 good CD#10  
 L107 poor CD#10  
 #126 good CD#10  
 #127 good CD#10

L103 poor  
 L106 good  
 L107 poor  
 #126 good  
 #127 good

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
A-1	Short (4), copy	X19	Unknown	9/10/23	Sonora, Mexico	CD#11
A-2	Long (4), copy	X19	Unknown	9/10/23	Sonora, Mexico	#11
A-3	Medium (3), copy	C	Unknown	9/10/23	Sonora, Mexico	#11
A-4	Long (3), copy	C	Unknown	9/10/23	Sonora, Mexico	#11
A-5	Short (3), copy	C	Unknown	9/10/23	Sonora, Mexico	#11
A-6	Short (4), copy	X19	Unknown	9/10/23	Sonora, Mexico	#11
A-7	Medium (4), copy	X19	Unknown	9/10/23	Sonora, Mexico	#11
A-8	Short (4), copy	2	Unknown	9/10/23	Sonora, Mexico	#11
A-9	Medium (4), copy	2	Unknown	9/10/23	Sonora, Mexico	#11
A-10	Short (2), copy	3	Unknown	9/10/23	Sonora, Mexico	CD#12
*A-11	Long (2), copy	3 pos	Unknown	9/10/23	Sonora, Mexico	
A-12	Long (4), copy	2 pos	Unknown	9/10/23	Sonora, Mexico	
A-13	Long (4), copy	2 pos	Unknown	9/10/23	Sonora, Mexico	
MW-1	Short (2), copy	1	2s	1/24/25	Middleton, CT	CD#4
MW-2	Long (2), copy	1	2s	1/24/25	Middleton, CT	#4
MW-3	Short (3), copy	2	15s	1/24/25	Middleton, CT	#4
MW-4	Long (3), copy	2	15s	1/24/25	Middleton, CT	#4
MW-5	Long (3), copy	2	15s	1/24/25	Middleton, CT	#4
MW-6	Short (2), copy	3	73s	1/24/25	Middleton, CT	#4
MW-7	Long (2), copy	3	73s	1/24/25	Middleton, CT	#4
L-139	Medium (1), copy	A2	1s	8/31/32	Fryeburg, Maine	CD#11
L-140	Short (2), copy	A7	2s	8/31/32	Fryeburg, Maine	#11
L-141	Long (2), copy	A7	2s	8/31/32	Fryeburg, Maine	#11
L-142	Short (2), copy	A4	10s	8/31/32	Fryeburg, Maine	
L-143	Long (2), copy	A4	10s	8/31/32	Fryeburg, Maine	
L-144	Short (2), copy	A6	20s	8/31/32	Fryeburg, Maine	
L-145	Long (2), copy	A6	20s	8/31/32	Fryeburg, Maine	
L-146	Short (2), copy	A5	6s	8/31/32	Fryeburg, Maine	
L-147	Long (2), copy	A5	6s	8/31/32	Fryeburg, Maine	
L-148	Short (2), copy	C8	15s	8/31/32	Fryeburg, Maine	
L-149	Long (2), copy	C8	15s	8/31/32	Fryeburg, Maine	
L-150	Short (2), copy	C4	10s	8/31/32	Fryeburg, Maine	
L-151	Long (2), copy	C4	10s	8/31/32	Fryeburg, Maine	

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
L-152	Short (2), copy	C3	3s	8/31/32	Fryeburg, Maine	CD #11
L-153	Long (2), copy	C3	3s	8/31/32	Fryeburg, Maine	#11
L-154	Short (2), copy	C2	1s	8/31/32	Fryeburg, Maine	#11
L-155	Long (2), copy	C2	1s	8/31/32	Fryeburg, Maine	#11
1	Short (2), copy	19	Short	6/8/37	Canton Island	CD #1
2	Long (2), copy	19	Short	6/8/37	Canton Island	"
3	Short (2), copy	20	Short	6/8/37	Canton Island	"
4	Long (2), copy	20	Short	6/8/37	Canton Island	"
5	1.5m (7), copy	21	Long	6/8/37	Canton Island	"
6	5m (7), copy	21	Long	6/8/37	Canton Island	"
7	1.5m (3), copy	22	Med. long	6/8/37	Canton Island	"
8	6m (3), copy	22	Med. long	6/8/37	Canton Island	"
9	15m (7), copy	21	Long	6/8/37	Canton Island	"
10	1m (5), copy	23	Med. long	6/8/37	Canton Island	1937-06-08 - Ploggy #1
11	8m (5), copy	23	Med. long	6/8/37	Canton Island	not on CD
12	1m (7), copy	24	Long	6/8/37	Canton Island	"
13	4m (7), copy	24	Long	6/8/37	Canton Island	"
14	9m (7), copy	24	Long	6/8/37	Canton Island	"
15	8m (5), copy	23	Med. long	6/8/37	Canton Island	"
16	15m (3), copy	25	Long	6/8/37	Canton Island	"
17	3.5m (3), copy	25	Long	6/8/37	Canton Island	"
18	3m (2), copy	26	Medium	6/8/37	Canton Island	"
19A	10m (2), copy	26	Medium	6/8/37	Canton Island	"
19B	3m (3), copy	27	Medium	6/8/37	Canton Island	"
20	10m (3), copy	27	Medium	6/8/37	Canton Island	"
21	3m (1), copy	29	V. short	6/8/37	Canton Island	"
22	15m (4), copy	28	Long	6/8/37	Canton Island	"
23	3m (4), copy	8	Long	6/8/37	Canton Island	"
*24	Short (3), copy	30	Short	6/8/37	Canton Island	*Double exposure with #26
29	Long (2), copy	29	V. short	6/8/37	Canton Island	CD #2
30	Long (3), copy	30	Short	6/8/37	Canton Island	CD #2
31	Medium (3), copy	30	Short	6/8/37	Canton Island	CD #2
32*	2m (7), copy	24 pos	Not listed	6/8/37	Canton Island	CD #2

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
33	10m (7), copy	24 pos	Not listed	6/8/37	Canton Island	
34	15m (7), copy	24 pos	Not listed	6/8/37	Canton Island	
35	1.5m (7), copy	24 pos	Not listed	6/8/37	Canton Island	
36	1.5m (7), copy	24 pos	Not listed	6/8/37	Canton Island	
37	12m (7), copy	24 pos	Not listed	6/8/37	Canton Island	
54	? (7), copy	24	Long	6/8/37	Canton Island	Poorly digitized - too dark
55	? (1), copy	24	Long	6/8/37	Canton Island	Poorly digitized - too dark
56	? (7), copy	21	Long	6/8/37	Canton Island	Poorly digitized - too dark
57	? (7), copy	21	Long	6/8/37	Canton Island	Poorly digitized - too dark
58	? (7), copy	21	Long	6/8/37	Canton Island	Poorly digitized - too dark
59	? (7), copy	21	Long	6/8/37	Canton Island	Poorly digitized - too dark
60	? (7), copy	21	Long	6/8/37	Canton Island	Poorly digitized - too dark
61	? (3), copy	22	Med. long	6/8/37	Canton Island	Poorly digitized - too dark
62	? (5), copy	23	Med. long	6/8/37	Canton Island	Poorly digitized - too dark
63	? (5), copy	23	Med. long	6/8/37	Canton Island	Poorly digitized - too dark
64	? (7), copy	24	Long	6/8/37	Canton Island	" CD#3
65	? (7), copy	24	Long	6/8/37	Canton Island	" #3
66	? (7), copy	24	Long	6/8/37	Canton Island	"
67	? (7), copy	24	Long	6/8/37	Canton Island	"
68	? (3), copy	25	Long	6/8/37	Canton Island	"
69	? (3), copy	27	Medium	6/8/37	Canton Island	"
70	? (4), copy	28	Long	6/8/37	Canton Island	"
71	? (4), copy	28	Long	6/8/37	Canton Island	"
NR-1	Short (5), copy	3	Unknown	2/25/52	Khartoum, Sudan	00 #5
NR-2	Long (5), copy	3	Unknown	2/25/52	Khartoum, Sudan	#5
NR-3	Short (4), copy	13	Unknown	2/25/52	Khartoum, Sudan	#5
NR-4	Long (4), copy	13	Unknown	2/25/52	Khartoum, Sudan	5
NR-5	Long (4), copy	13	Unknown	2/25/52	Khartoum, Sudan	5
NR-6	Short (4), copy	3	Unknown	2/25/52	Khartoum, Sudan	3" crescent
NR-7	Long (5), copy	3	Unknown	2/25/52	Khartoum, Sudan	3" crescent
NR-8	Short (3), copy	8	Unknown	2/25/52	Khartoum, Sudan	5
NR-9	Long (3), copy	9	Unknown	2/25/52	Khartoum, Sudan	5
NR-10	Short (3), copy	8	Unknown	2/25/52	Khartoum, Sudan	5

CD#2  
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# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
NR-11	Long (3), copy	8	Unknown	2/25/52	Khartoum, Sudan	CD#5
NR-12	Short (3), copy	9	Unknown	2/25/52	Khartoum, Sudan	#5
NR-13	Long (3), copy	9	Unknown	2/25/52	Khartoum, Sudan	#5
NR-14	Short (4), copy	3	Unknown	2/25/52	Khartoum, Sudan	#5
NR-15	Short (4), copy	13	Unknown	2/25/52	Khartoum, Sudan	#5
H-18	Long (2), copy	20	1/100s	2/5/62	Lea, New Guinea	CD#12
H-19	Short (2), copy	22	1/100s	2/5/62	Lea, New Guinea	
H-20	Long (2), copy	22	1/10s	2/5/62	Lea, New Guinea	
H-21	Short (2), copy	20	1/100s	2/5/62	Lea, New Guinea	
H-22	Long (1)	18	1/100s	2/5/62	Lea, New Guinea	CG#12
H-30	Short (2), copy	S2	1/25s	7/20/63	Sourdough, Alaska	CD#13
H-31	Long (2), copy	S2	1/25s	7/20/63	Sourdough, Alaska	#13
H-32	Short (4), copy	S1	1/10s	7/20/63	Sourdough, Alaska	#13
H-33	Long (4), copy	S1	1/10s	7/20/63	Sourdough, Alaska	#13
H-34	Long (1), copy	S3	1/5s	7/20/63	Sourdough, Alaska	#13
H-35	Medium (4), copy	S1	1/10s	7/20/63	Sourdough, Alaska	#13
H-36	Medium (1), copy	T1	1/10s	7/20/63	Talkeetna, Alaska	#13
H-37	Long (4), copy	S1	1/10s	7/20/63	Sourdough, Alaska	#13
H-38	Medium (1), copy	S4	1/50s	7/20/63	Sourdough, Alaska	#13
H-23	Short (3), copy	3A	Unknown	5/30/65	Bellingshausen Island	CD#12
H-24	Medium (3), copy	3A	Unknown	5/30/65	Bellingshausen Island	#12
H-25	Long (3), copy	3A	Unknown	5/30/65	Bellingshausen Island	#12
H-26	Short (2), copy	7A	Unknown	5/30/65	Bellingshausen Island	CD#13
H-27	Long (2), copy	7A	Unknown	5/30/65	Bellingshausen Island	#13
H-28	Short (2), copy	9A	Unknown	5/30/65	Bellingshausen Island	#13
H-29	Long (2), copy	9A	Unknown	5/30/65	Bellingshausen Island	#13
H-1	Short (3), copy	11	15s	11/12/66	Pulacayo, Bolivia	CD#12
H-2	Short (3), copy	11	15s	11/12/66	Pulacayo, Bolivia	#12
H-3	Short (3), copy	11	15s	11/12/66	Pulacayo, Bolivia	#12
H-4	Long (4), copy	6	10s	11/12/66	Pulacayo, Bolivia	#12
H-5	Short (4), copy	6	10s	11/12/66	Pulacayo, Bolivia	#12
H-6	Short (4), copy	6	10s	11/12/66	Pulacayo, Bolivia	#12
H-7	Short (4), copy	6	10s	11/12/66	Pulacayo, Bolivia	#12

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
H-8	Long (3), copy	10	1.5s	11/12/66	Pulacayo, Bolivia	CD#12
H-9	Medium (3), copy	10	1.5s	11/12/66	Pulacayo, Bolivia	
H-10	Short (3), copy	10	1.5s	11/12/66	Pulacayo, Bolivia	
H-11	Long (2), copy	7	1s	11/12/66	Pulacayo, Bolivia	
H-12	Long (2), copy	5	1s	11/12/66	Pulacayo, Bolivia	
H-13	Short (2), copy	5	1s	11/12/66	Pulacayo, Bolivia	
H-14	Short (3), copy	2	10s	11/12/66	Pulacayo, Bolivia	
H-15	Medium (3), copy	2	10s	11/12/66	Pulacayo, Bolivia	
H-16	Long (3), copy	2	10s	11/12/66	Pulacayo, Bolivia	
H-17	Short (2), copy	7	1s	11/12/66	Pulacayo, Bolivia	
25	Long (2), copy	2	Medium	unknown	unknown	NO #2
*26	short (2), copy	2	Medium	unknown	unknown	NO *Double exposure with #24 #2
27	Long (2), copy	4	Medium	unknown	unknown	NO #2 possibly 1900's
28	short (2), copy	4	Medium	unknown	unknown	NO #2
38	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
39	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
40	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
41	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
42	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
43	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
44	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
45	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
46	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
47	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
48	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
49	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
50	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
51	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
52	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
53	1930's copy	4x5 picture	Not listed	unknown	unknown	NO #2
HC-1	Short (3), copy	2	Unknown	unknown	Unknown	NO CD#5
HC-2	Long (3), copy	2	Unknown	unknown	Unknown	NO #5

# HAO CORONAL ATLAS

HAO PLATE #	DESCRIPTION	OBS. PLATE #	EXPOSURE	DATE	LOCATION	NOTES
HC-3	Long (3), copy	2	Unknown	unknown	Unknown	
HC-22	Short (2), copy	3	Unknown	unknown	Unknown	
HC-23	Long (2), copy	3	Unknown	unknown	Unknown	
HC-32	Short (2), copy	1	Unknown	unknown	Unknown	
HC-33	Long (2), copy	1	Unknown	unknown	Unknown	
L-49	Plate Missing					
L-108	Plate Missing					
L-109	Plate Missing					
MW-22	Plate Missing					
MW-23	Plate Missing					
MW-24	Plate Missing					
MW-25	Plate Missing					
MW-26	Plate Missing					
MW-27	Plate Missing					
MW-28	Plate Missing					
MW-29	Plate Missing					

CD#5  
 HC-4 good  
 HC-5 poor  
 HC-6 poor

CD#6  
 HC-7 good  
 HC-8 poor  
 HC-9 good

poor  
 poor  
 poor  
 poor  
 poor