



# Tjornes Watec All-Sky Images 20221023–20221024

19:42:45 UT N	TJO	19:43:45 UT N	TJO	19:44:45 UT N	TJO	19:45:45 UT N	TJO	19:46:45 UT N	TJO	19:47:45 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:48:45 UT N	TJO	19:49:45 UT N	TJO	19:50:45 UT N	TJO	19:51:45 UT N	TJO	19:52:45 UT N	TJO	19:53:45 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:54:45 UT N	TJO	19:55:45 UT N	TJO	19:56:45 UT N	TJO	19:57:45 UT N	TJO	19:58:45 UT N	TJO	19:59:45 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:00:45 UT N	TJO	20:01:45 UT N	TJO	20:02:45 UT N	TJO	20:03:45 UT N	TJO	20:04:45 UT N	TJO	20:05:45 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:06:45 UT N	TJO	20:07:45 UT N	TJO	20:08:45 UT N	TJO	20:09:45 UT N	TJO	20:10:45 UT N	TJO	20:11:45 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:12:45 UT N	TJO	20:13:45 UT N	TJO	20:14:45 UT N	TJO	20:15:45 UT N	TJO	20:16:45 UT N	TJO	20:17:46 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S



# Tjornes Watec All-Sky Images 20221023–20221024

20:54:47 UT N	TJO	20:55:47 UT N	TJO	20:56:47 UT N	TJO	20:57:47 UT N	TJO	20:58:47 UT N	TJO	20:59:47 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:00:47 UT N	TJO	21:01:47 UT N	TJO	21:02:47 UT N	TJO	21:03:47 UT N	TJO	21:04:47 UT N	TJO	21:05:47 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:06:47 UT N	TJO	21:07:47 UT N	TJO	21:08:47 UT N	TJO	21:09:47 UT N	TJO	21:10:47 UT N	TJO	21:11:47 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:12:47 UT N	TJO	21:13:47 UT N	TJO	21:14:47 UT N	TJO	21:15:47 UT N	TJO	21:16:47 UT N	TJO	21:17:47 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:18:47 UT N	TJO	21:19:47 UT N	TJO	21:20:47 UT N	TJO	21:21:47 UT N	TJO	21:22:47 UT N	TJO	21:23:47 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:24:48 UT N	TJO	21:25:48 UT N	TJO	21:26:48 UT N	TJO	21:27:48 UT N	TJO	21:28:48 UT N	TJO	21:29:48 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

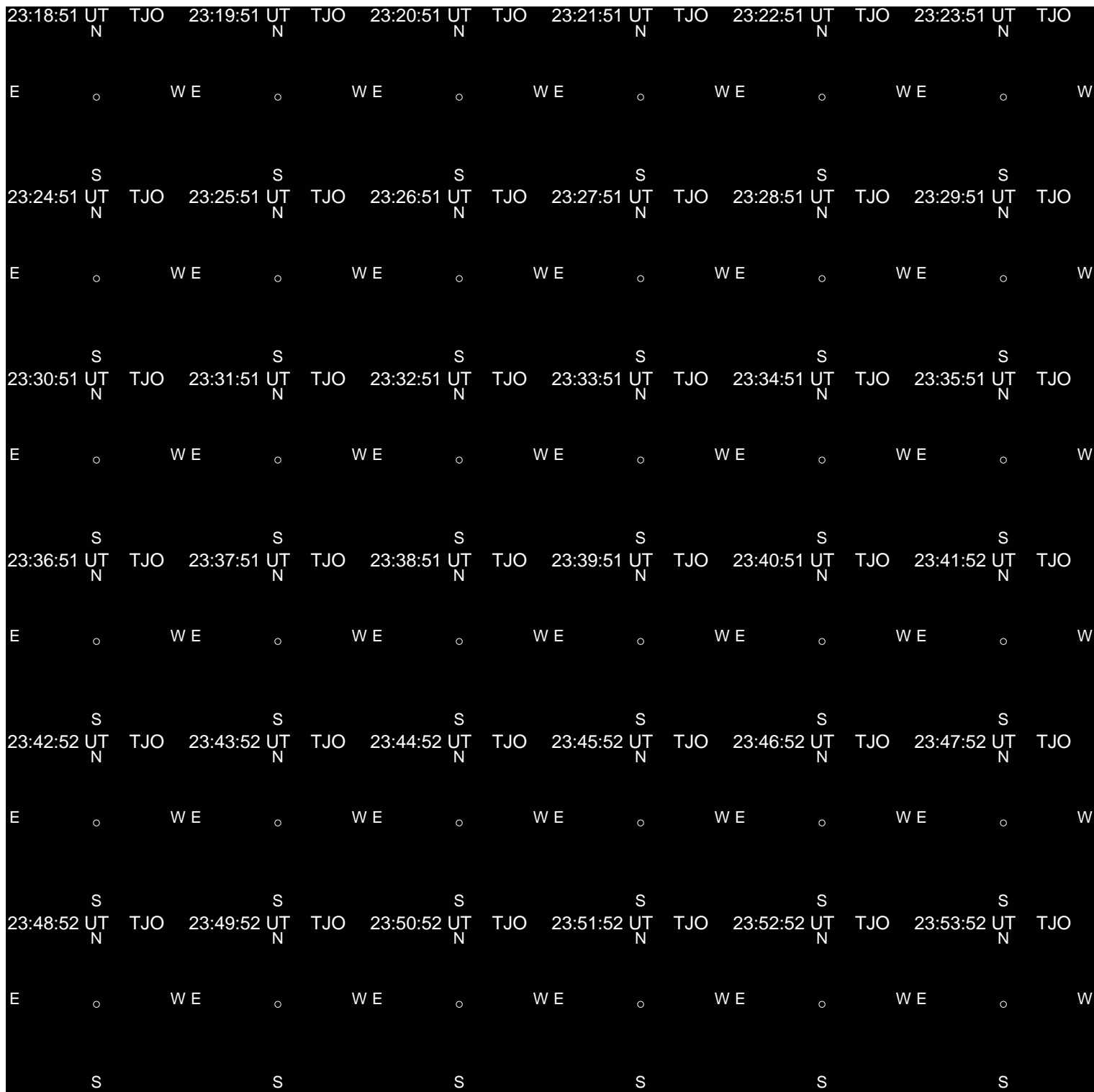


# Tjornes Watec All-Sky Images 20221023–20221024

22:06:49 UT N	TJO	22:07:49 UT N	TJO	22:08:49 UT N	TJO	22:09:49 UT N	TJO	22:10:49 UT N	TJO	22:11:49 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:12:49 UT N	TJO	22:13:49 UT N	TJO	22:14:49 UT N	TJO	22:15:49 UT N	TJO	22:16:49 UT N	TJO	22:17:49 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:18:49 UT N	TJO	22:19:49 UT N	TJO	22:20:49 UT N	TJO	22:21:49 UT N	TJO	22:22:49 UT N	TJO	22:23:49 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:24:49 UT N	TJO	22:25:49 UT N	TJO	22:26:49 UT N	TJO	22:27:49 UT N	TJO	22:28:49 UT N	TJO	22:29:49 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:30:49 UT N	TJO	22:31:49 UT N	TJO	22:32:49 UT N	TJO	22:33:49 UT N	TJO	22:34:49 UT N	TJO	22:35:49 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:36:49 UT N	TJO	22:37:49 UT N	TJO	22:38:50 UT N	TJO	22:39:50 UT N	TJO	22:40:50 UT N	TJO	22:41:50 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S



# Tjornes Watec All-Sky Images 20221023–20221024





# Tjornes Watec All-Sky Images 20221023–20221024

23:54:52 UT N	TJO	23:55:52 UT N	TJO	23:56:52 UT N	TJO	23:57:52 UT N	TJO	23:58:52 UT N	TJO	23:59:52 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:00:52 UT N	TJO	00:01:52 UT N	TJO	00:02:52 UT N	TJO	00:03:52 UT N	TJO	00:04:52 UT N	TJO	00:05:52 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:06:52 UT N	TJO	00:07:52 UT N	TJO	00:08:52 UT N	TJO	00:09:52 UT N	TJO	00:10:52 UT N	TJO	00:11:52 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:12:52 UT N	TJO	00:13:52 UT N	TJO	00:14:53 UT N	TJO	00:15:53 UT N	TJO	00:16:53 UT N	TJO	00:17:53 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:18:53 UT N	TJO	00:19:53 UT N	TJO	00:20:53 UT N	TJO	00:21:53 UT N	TJO	00:22:53 UT N	TJO	00:23:53 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:24:53 UT N	TJO	00:25:53 UT N	TJO	00:26:53 UT N	TJO	00:27:53 UT N	TJO	00:28:53 UT N	TJO	00:29:53 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S









# Tjornes Watec All-Sky Images 20221023–20221024

02:54:57 UT N	TJO	02:55:57 UT N	TJO	02:56:57 UT N	TJO	02:57:57 UT N	TJO	02:58:57 UT N	TJO	02:59:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:00:58 UT N	TJO	03:01:58 UT N	TJO	03:02:58 UT N	TJO	03:03:58 UT N	TJO	03:04:58 UT N	TJO	03:05:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:06:58 UT N	TJO	03:07:58 UT N	TJO	03:08:58 UT N	TJO	03:09:58 UT N	TJO	03:10:58 UT N	TJO	03:11:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:12:58 UT N	TJO	03:13:58 UT N	TJO	03:14:58 UT N	TJO	03:15:58 UT N	TJO	03:16:58 UT N	TJO	03:17:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:18:58 UT N	TJO	03:19:58 UT N	TJO	03:20:58 UT N	TJO	03:21:58 UT N	TJO	03:22:58 UT N	TJO	03:23:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:24:58 UT N	TJO	03:25:58 UT N	TJO	03:26:58 UT N	TJO	03:27:58 UT N	TJO	03:28:58 UT N	TJO	03:29:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S



# Tjornes Watec All-Sky Images 20221023–20221024

04:07:00 UT N	TJO	04:08:00 UT N	TJO	04:09:00 UT N	TJO	04:10:00 UT N	TJO	04:11:00 UT N	TJO	04:12:00 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
04:13:00 UT N	TJO	04:14:00 UT N	TJO	04:15:00 UT N	TJO	04:16:00 UT N	TJO	04:17:00 UT N	TJO	04:18:00 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
04:19:00 UT N	TJO	04:20:00 UT N	TJO	04:21:00 UT N	TJO	04:22:00 UT N	TJO	04:23:00 UT N	TJO	04:24:00 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
04:25:00 UT N	TJO	04:26:00 UT N	TJO	04:27:00 UT N	TJO	04:28:00 UT N	TJO	04:29:00 UT N	TJO	04:30:00 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
04:31:00 UT N	TJO	04:32:00 UT N	TJO	04:33:00 UT N	TJO	04:34:00 UT N	TJO	04:35:00 UT N	TJO	04:36:00 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
04:37:00 UT N	TJO	04:38:00 UT N	TJO	04:39:00 UT N	TJO	04:40:01 UT N	TJO	04:41:01 UT N	TJO	04:42:01 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S







# Tjornes Watec All-Sky Images 20221023–20221024

05:55:03 UT N	TJO	05:56:03 UT N	TJO	05:57:03 UT N	TJO	05:58:03 UT N	TJO	05:59:03 UT N	TJO	06:00:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
06:01:03 UT N	TJO	06:02:03 UT N	TJO	06:03:03 UT N	TJO	06:04:03 UT N	TJO	06:05:03 UT N	TJO	06:06:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
06:07:03 UT N	TJO	06:08:03 UT N	TJO	06:09:03 UT N	TJO	06:10:03 UT N	TJO	06:11:03 UT N	TJO	06:12:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
06:13:03 UT N	TJO	06:14:03 UT N	TJO	06:15:03 UT N	TJO	06:16:03 UT N	TJO	06:17:03 UT N	TJO	06:18:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
06:19:03 UT N	TJO	06:20:03 UT N	TJO	06:21:03 UT N	TJO	06:22:03 UT N	TJO	06:23:03 UT N	TJO	06:24:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S
06:25:03 UT N	TJO	06:26:03 UT N	TJO	06:27:03 UT N	TJO	06:28:03 UT N	TJO	06:29:03 UT N	TJO	06:30:03 UT N	TJO	
E	◦	WE	◦	WE	◦	WE	◦	WE	◦	WE	◦	W
S		S		S		S		S		S		S

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