

Tjornes Watec All-Sky Images 20221126–20221127

18:00:00 UT N	TJO	18:01:00 UT N	TJO	18:02:00 UT N	TJO	18:03:00 UT N	TJO	18:04:00 UT N	TJO	18:05:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
18:06:00 UT N	TJO	18:07:00 UT N	TJO	18:08:00 UT N	TJO	18:09:00 UT N	TJO	18:10:00 UT N	TJO	18:11:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
18:12:00 UT N	TJO	18:13:01 UT N	TJO	18:14:01 UT N	TJO	18:15:01 UT N	TJO	18:16:01 UT N	TJO	18:17:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
18:18:01 UT N	TJO	18:19:01 UT N	TJO	18:20:01 UT N	TJO	18:21:01 UT N	TJO	18:22:01 UT N	TJO	18:23:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
18:24:01 UT N	TJO	18:25:01 UT N	TJO	18:26:01 UT N	TJO	18:27:01 UT N	TJO	18:28:01 UT N	TJO	18:29:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
18:30:01 UT N	TJO	18:31:01 UT N	TJO	18:32:01 UT N	TJO	18:33:01 UT N	TJO	18:34:01 UT N	TJO	18:35:01 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 20221126–20221127

19:12:02 UT N	TJO	19:13:02 UT N	TJO	19:14:02 UT N	TJO	19:15:02 UT N	TJO	19:16:02 UT N	TJO	19:17:02 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:18:02 UT N	TJO	19:19:02 UT N	TJO	19:20:02 UT N	TJO	19:21:02 UT N	TJO	19:22:03 UT N	TJO	19:23:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:24:03 UT N	TJO	19:25:03 UT N	TJO	19:26:03 UT N	TJO	19:27:03 UT N	TJO	19:28:03 UT N	TJO	19:29:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:30:03 UT N	TJO	19:31:03 UT N	TJO	19:32:03 UT N	TJO	19:33:03 UT N	TJO	19:34:03 UT N	TJO	19:35:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:36:03 UT N	TJO	19:37:03 UT N	TJO	19:38:03 UT N	TJO	19:39:03 UT N	TJO	19:40:03 UT N	TJO	19:41:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:42:03 UT N	TJO	19:43:03 UT N	TJO	19:44:03 UT N	TJO	19:45:03 UT N	TJO	19:46:03 UT N	TJO	19:47:03 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 20221126–20221127

22:48:09 UT N	TJO	22:49:09 UT N	TJO	22:50:09 UT N	TJO	22:51:09 UT N	TJO	22:52:09 UT N	TJO	22:53:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:54:09 UT N	TJO	22:55:09 UT N	TJO	22:56:09 UT N	TJO	22:57:09 UT N	TJO	22:58:09 UT N	TJO	22:59:09 UT N	TJO	
S		S		S		S		S		S		
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
23:00:09 UT N	TJO	23:01:09 UT N	TJO	23:02:09 UT N	TJO	23:03:09 UT N	TJO	23:04:09 UT N	TJO	23:05:09 UT N	TJO	
S		S		S		S		S		S		
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
23:06:09 UT N	TJO	23:07:09 UT N	TJO	23:08:10 UT N	TJO	23:09:10 UT N	TJO	23:10:10 UT N	TJO	23:11:10 UT N	TJO	
S		S		S		S		S		S		
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
23:12:10 UT N	TJO	23:13:10 UT N	TJO	23:14:10 UT N	TJO	23:15:10 UT N	TJO	23:16:10 UT N	TJO	23:17:10 UT N	TJO	
S		S		S		S		S		S		
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
23:18:10 UT N	TJO	23:19:10 UT N	TJO	23:20:10 UT N	TJO	23:21:10 UT N	TJO	23:22:10 UT N	TJO	23:23:10 UT N	TJO	
S		S		S		S		S		S		
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		

Tjornes Watec All-Sky Images 20221126–20221127

23:24:10 UT N	TJO	23:25:10 UT N	TJO	23:26:10 UT N	TJO	23:27:10 UT N	TJO	23:28:10 UT N	TJO	23:29:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:30:10 UT N	TJO	23:31:10 UT N	TJO	23:32:10 UT N	TJO	23:33:10 UT N	TJO	23:34:10 UT N	TJO	23:35:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:36:10 UT N	TJO	23:37:10 UT N	TJO	23:38:11 UT N	TJO	23:39:11 UT N	TJO	23:40:11 UT N	TJO	23:41:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:42:11 UT N	TJO	23:43:11 UT N	TJO	23:44:11 UT N	TJO	23:45:11 UT N	TJO	23:46:11 UT N	TJO	23:47:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:48:11 UT N	TJO	23:49:11 UT N	TJO	23:50:11 UT N	TJO	23:51:11 UT N	TJO	23:52:11 UT N	TJO	23:53:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:54:11 UT N	TJO	23:55:11 UT N	TJO	23:56:11 UT N	TJO	23:57:11 UT N	TJO	23:58:11 UT N	TJO	23:59:11 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 20221126–20221127

00:00:11 UT N	TJO	00:01:11 UT N	TJO	00:02:11 UT N	TJO	00:03:11 UT N	TJO	00:04:11 UT N	TJO	00:05:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:06:11 UT S N	TJO	00:07:11 UT S N	TJO	00:08:11 UT S N	TJO	00:09:11 UT S N	TJO	00:10:11 UT S N	TJO	00:11:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:12:11 UT S N	TJO	00:13:11 UT S N	TJO	00:14:12 UT S N	TJO	00:15:12 UT S N	TJO	00:16:12 UT S N	TJO	00:17:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:18:12 UT S N	TJO	00:19:12 UT S N	TJO	00:20:12 UT S N	TJO	00:21:12 UT S N	TJO	00:22:12 UT S N	TJO	00:23:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:24:12 UT S N	TJO	00:25:12 UT S N	TJO	00:26:12 UT S N	TJO	00:27:12 UT S N	TJO	00:28:12 UT S N	TJO	00:29:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:30:12 UT S N	TJO	00:31:12 UT S N	TJO	00:32:12 UT S N	TJO	00:33:12 UT S N	TJO	00:34:12 UT S N	TJO	00:35:12 UT S 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 20221126–20221127

04:12:19 UT N	TJO	04:13:19 UT N	TJO	04:14:19 UT N	TJO	04:15:19 UT N	TJO	04:16:19 UT N	TJO	04:17:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:18:19 UT N	TJO	04:19:19 UT N	TJO	04:20:19 UT N	TJO	04:21:19 UT N	TJO	04:22:19 UT N	TJO	04:23:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:24:19 UT N	TJO	04:25:19 UT N	TJO	04:26:19 UT N	TJO	04:27:19 UT N	TJO	04:28:19 UT N	TJO	04:29:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:30:19 UT N	TJO	04:31:19 UT N	TJO	04:32:19 UT N	TJO	04:33:19 UT N	TJO	04:34:19 UT N	TJO	04:35:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:36:19 UT N	TJO	04:37:19 UT N	TJO	04:38:19 UT N	TJO	04:39:19 UT N	TJO	04:40:19 UT N	TJO	04:41:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:42:19 UT N	TJO	04:43:19 UT N	TJO	04:44:19 UT N	TJO	04:45:19 UT N	TJO	04:46:19 UT N	TJO	04:47:19 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 20221126–20221127

04:48:19 UT N	TJO	04:49:19 UT N	TJO	04:50:19 UT N	TJO	04:51:19 UT N	TJO	04:52:19 UT N	TJO	04:53:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:54:20 UT N	TJO	04:55:20 UT N	TJO	04:56:20 UT N	TJO	04:57:20 UT N	TJO	04:58:20 UT N	TJO	04:59:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:00:20 UT N	TJO	05:01:20 UT N	TJO	05:02:20 UT N	TJO	05:03:20 UT N	TJO	05:04:20 UT N	TJO	05:05:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:06:20 UT N	TJO	05:07:20 UT N	TJO	05:08:20 UT N	TJO	05:09:20 UT N	TJO	05:10:20 UT N	TJO	05:11:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:12:20 UT N	TJO	05:13:20 UT N	TJO	05:14:20 UT N	TJO	05:15:20 UT N	TJO	05:16:20 UT N	TJO	05:17:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:18:20 UT N	TJO	05:19:20 UT N	TJO	05:20:20 UT N	TJO	05:21:20 UT N	TJO	05:22:20 UT N	TJO	05:23:20 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 20221126–20221127

05:24:20 UT N	TJO	05:25:20 UT N	TJO	05:26:20 UT N	TJO	05:27:21 UT N	TJO	05:28:21 UT N	TJO	05:29:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:30:21 UT N	TJO	05:31:21 UT N	TJO	05:32:21 UT N	TJO	05:33:21 UT N	TJO	05:34:21 UT N	TJO	05:35:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:36:21 UT N	TJO	05:37:21 UT N	TJO	05:38:21 UT N	TJO	05:39:21 UT N	TJO	05:40:21 UT N	TJO	05:41:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:42:21 UT N	TJO	05:43:21 UT N	TJO	05:44:21 UT N	TJO	05:45:21 UT N	TJO	05:46:21 UT N	TJO	05:47:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:48:21 UT N	TJO	05:49:21 UT N	TJO	05:50:21 UT N	TJO	05:51:21 UT N	TJO	05:52:21 UT N	TJO	05:53:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:54:21 UT N	TJO	05:55:21 UT N	TJO	05:56:21 UT N	TJO	05:57:21 UT N	TJO	05:58:21 UT N	TJO	05:59:21 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 20221126–20221127

06:00:21 UT N	TJO	06:01:21 UT N	TJO	06:02:21 UT N	TJO	06:03:21 UT N	TJO	06:04:22 UT N	TJO	06:05:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:06:22 UT N	TJO	06:07:22 UT N	TJO	06:08:22 UT N	TJO	06:09:22 UT N	TJO	06:10:22 UT N	TJO	06:11:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:12:22 UT N	TJO	06:13:22 UT N	TJO	06:14:22 UT N	TJO	06:15:22 UT N	TJO	06:16:22 UT N	TJO	06:17:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:18:22 UT N	TJO	06:19:22 UT N	TJO	06:20:22 UT N	TJO	06:21:22 UT N	TJO	06:22:22 UT N	TJO	06:23:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:24:22 UT N	TJO	06:25:22 UT N	TJO	06:26:22 UT N	TJO	06:27:22 UT N	TJO	06:28:22 UT N	TJO	06:29:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:30:22 UT N	TJO	06:31:22 UT N	TJO	06:32:22 UT N	TJO	06:33:22 UT N	TJO	06:34:22 UT N	TJO	06:35:22 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 20221126–20221127

06:36:22 UT N	TJO	06:37:22 UT N	TJO	06:38:23 UT N	TJO	06:39:23 UT N	TJO	06:40:23 UT N	TJO	06:41:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:42:23 UT N	TJO	06:43:23 UT N	TJO	06:44:23 UT N	TJO	06:45:23 UT N	TJO	06:46:23 UT N	TJO	06:47:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:48:23 UT N	TJO	06:49:23 UT N	TJO	06:50:23 UT N	TJO	06:51:23 UT N	TJO	06:52:23 UT N	TJO	06:53:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:54:23 UT N	TJO	06:55:23 UT N	TJO	06:56:23 UT N	TJO	06:57:23 UT N	TJO	06:58:23 UT N	TJO	06:59:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:00:23 UT N	TJO	07:01:23 UT N	TJO	07:02:23 UT N	TJO	07:03:23 UT N	TJO	07:04:23 UT N	TJO	07:05:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:06:23 UT N	TJO	07:07:23 UT N	TJO	07:08:24 UT N	TJO	07:09:24 UT N	TJO	07:10:24 UT N	TJO	07:11:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

