

Tjornes Watec All-Sky Images 20221207–20221208

18:36:01 UT N	TJO	18:37:01 UT N	TJO	18:38:01 UT N	TJO	18:39:01 UT N	TJO	18:40:01 UT N	TJO	18:41:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:42:01 UT N	TJO	18:43:01 UT N	TJO	18:44:01 UT N	TJO	18:45:01 UT N	TJO	18:46:01 UT N	TJO	18:47:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:48:01 UT N	TJO	18:49:01 UT N	TJO	18:50:01 UT N	TJO	18:51:01 UT N	TJO	18:52:01 UT N	TJO	18:53:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:54:01 UT N	TJO	18:55:02 UT N	TJO	18:56:02 UT N	TJO	18:57:02 UT N	TJO	18:58:02 UT N	TJO	18:59:02 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:00:02 UT N	TJO	19:01:02 UT N	TJO	19:02:02 UT N	TJO	19:03:02 UT N	TJO	19:04:02 UT N	TJO	19:05:02 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:06:02 UT N	TJO	19:07:02 UT N	TJO	19:08:02 UT N	TJO	19:09:02 UT N	TJO	19:10:02 UT N	TJO	19:11:02 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 20221207–20221208

21:00:05 UT N	TJO	21:01:05 UT N	TJO	21:02:05 UT N	TJO	21:03:05 UT N	TJO	21:04:05 UT N	TJO	21:05:05 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:06:05 UT N	TJO	21:07:06 UT N	TJO	21:08:06 UT N	TJO	21:09:06 UT N	TJO	21:10:06 UT N	TJO	21:11:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:12:06 UT N	TJO	21:13:06 UT N	TJO	21:14:06 UT N	TJO	21:15:06 UT N	TJO	21:16:06 UT N	TJO	21:17:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:18:06 UT N	TJO	21:19:06 UT N	TJO	21:20:06 UT N	TJO	21:21:06 UT N	TJO	21:22:06 UT N	TJO	21:23:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:24:06 UT N	TJO	21:25:06 UT N	TJO	21:26:06 UT N	TJO	21:27:06 UT N	TJO	21:28:06 UT N	TJO	21:29:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:30:06 UT N	TJO	21:31:06 UT N	TJO	21:32:06 UT N	TJO	21:33:06 UT N	TJO	21:34:06 UT N	TJO	21:35:06 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 20221207–20221208

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
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
23:36:10 UT N	TJO	23:37:10 UT N	TJO	23:38:10 UT N	TJO	23:39:10 UT N	TJO	23:40:10 UT N	TJO	23:41:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
23:42:10 UT N	TJO	23:43:10 UT N	TJO	23:44:10 UT N	TJO	23:45:10 UT N	TJO	23:46:10 UT N	TJO	23:47:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
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
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 20221207–20221208

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	00:14:11 UT S N	TJO	00:15:11 UT S N	TJO	00:16:11 UT S N	TJO	00:17:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:18:11 UT S N	TJO	00:19:11 UT S N	TJO	00:20:11 UT S N	TJO	00:21:11 UT S N	TJO	00:22:11 UT S N	TJO	00:23:11 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 20221207–20221208

04:48:20 UT N	TJO	04:49:20 UT N	TJO	04:50:20 UT N	TJO	04:51:20 UT N	TJO	04:52:20 UT N	TJO	04:53:20 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	05:15:21 UT N	TJO	05:16:21 UT N	TJO	05:17:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:18:21 UT N	TJO	05:19:21 UT N	TJO	05:20:21 UT N	TJO	05:21:21 UT N	TJO	05:22:21 UT N	TJO	05:23:21 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 20221207–20221208

05:24:21 UT N	TJO	05:25:21 UT N	TJO	05:26:21 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
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
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
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
05:48:22 UT N	TJO	05:49:22 UT N	TJO	05:50:22 UT N	TJO	05:51:22 UT N	TJO	05:52:22 UT N	TJO	05:53:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:54:22 UT N	TJO	05:55:22 UT N	TJO	05:56:22 UT N	TJO	05:57:22 UT N	TJO	05:58:22 UT N	TJO	05:59:22 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 20221207–20221208

06:00:22 UT N	TJO	06:01:22 UT N	TJO	06:02:22 UT N	TJO	06:03:22 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	06:22:23 UT N	TJO	06:23:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:24:23 UT N	TJO	06:25:23 UT N	TJO	06:26:23 UT N	TJO	06:27:23 UT N	TJO	06:28:23 UT N	TJO	06:29:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:30:23 UT N	TJO	06:31:23 UT N	TJO	06:32:23 UT N	TJO	06:33:23 UT N	TJO	06:34:23 UT N	TJO	06:35:23 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 20221207–20221208

06:36:23 UT N	TJO	06:37:23 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	06:51:24 UT N	TJO	06:52:24 UT N	TJO	06:53:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:54:24 UT N	TJO	06:55:24 UT N	TJO	06:56:24 UT N	TJO	06:57:24 UT N	TJO	06:58:24 UT N	TJO	06:59:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:00:24 UT N	TJO	07:01:24 UT N	TJO	07:02:24 UT N	TJO	07:03:24 UT N	TJO	07:04:24 UT N	TJO	07:05:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:06:24 UT N	TJO	07:07:24 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

Tjornes Watec All-Sky Images 20221207–20221208

